



INVITATION TO BID

Project# 1903PK_HARDY TRAIL EXTENSION

Hardy Trail Extension (LAP Project)

FDOT FPN 433700-1-58-01

Bid Due Date: Thursday, December 20, 2018

MANDATORY PRE-BID CONFERENCE
Wednesday, November 28, 2018 @ 2:00 p.m.
Commission Chambers, City Hall, City of Dade City

Advertised November 11, 2018 Tampa Bay Times

CITY OF DADE CITY, PASCO COUNTY, FLORIDA
A municipality of the State of Florida
38020 Meridian Avenue
Dade City, Florida 33525

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DEFINITIONS

"Addenda" means a written or graphic instrument issued by the City prior to the execution of the Agreement which modifies or interprets the Invitation to Bid by additions, deletions, clarifications, corrections or other type of modifications. Addenda will become part of the Contract Documents when the Agreement is executed.

"Agreement" means a legal document, executed by the City and the Successful Bidder. The Agreement, as amended from time to time, forms the Contract between City and the Successful Bidder setting forth the roles, responsibilities and obligations of the parties including, but not limited to, the performance of the Services and the basis of payment.

"Apparent Low Bidder" means the bidder who has submitted the lowest Bid at the Bid Opening without correction of numerical discrepancies, consideration or alternates of determination of responsiveness and responsibility. The Apparent Low Bidder is not necessarily the Successful Bidder.

"Best value" means the highest overall value to the City based on factors that include, but are not limited to, price, quality, design, and workmanship.

"Bid" means a written response to this Invitation to Bid.

"Bid Documents" means the Invitation to Bid, inclusive of the plans and specifications.

"Bidder" means any person or firm (corporation, sole-proprietor, limited partnership, etc.) who submits a Bid in response to this Invitation to Bid.

"Contract Documents" means the Invitation to Bid, including Addenda to such, the Agreement, including Amendments to such, General Terms and Conditions to the Agreement, Bidder's Bid, applicable plans and specifications, City's Minimum Insurance Requirements, Bidder's Certificate(s) of Insurance, Notice of Intent to Award, Notice of Award, , Notice to Proceed, City's Bonding Requirements, Bidder's Payment and Performance Bonds, Bidder's Representation and Certification Form, and any other forms or documents mailed or otherwise transmitted to the Bidder prior to or after the submittal of their Bid (including documentation mailed or otherwise transmitted by the Bidder prior to or after the Notice of Award), all of which are all to be treated as one in the form of the Contract Documents.

"Contractor" means Successful Bidder, in the context of the Invitation to Bid. In the context of the Contract Documents, Contractor means any company, firm, partnership, corporation, association, joint venture, or other legal entity permitted by law to perform the Services in the State of Florida. Such legal entity shall be the entity that enters into a written Agreement with the City to perform the Services for the Project described in the Contract Documents. The Contractor will have sole responsibility for the performance of the Services covered under an Agreement that is awarded in conjunction with this Invitation to Bid.

"City" means City of Dade City, Florida, a municipality of the State of Florida, its officers, employees, agents and volunteers.

"Direct Purchase" means City purchases materials, equipment and supplies directly from the Successful Bidder's supplier instead of through Successful Bidder, forgoing the payment of sales and use taxes. Not allowed in this contract.

"FDOT" means Florida Department of Transportation

"Final Completion/Finally Complete" means when all work is satisfactorily complete and approved/accepted by the City.

"Governmental Entity" means a political subdivision or agency of this state or of any state of the United States, including, but not limited to, state government, county, municipality, school district, nonprofit public university or college, single purpose or multipurpose special district, single-purpose special or multipurpose authority, metropolitan or consolidated government, separate legal entity or administrative entity, or any agency of the Federal Government.

"Invitation to Bid" means the contents of this solicitation and all supporting documents including Addenda to such, or other related information transmitted to Bidders.

"Lump Sum Bid" means the method of contracting upon which Contractor submits a single bid for all work, which includes all costs/overhead and profit, versus bidding individual Pay Items.

"Minor Irregularity" means a variation from the Invitation to Bid terms and conditions which does not affect the price or give the Bidder an advantage or benefit not enjoyed by the other Bidder or does not adversely impact the interests of the City.

"Notice of Award" means a written notice submitted by the City notifying the Successful Bidder that they have been awarded the project.

"Notice of Intent to Award" means a written notice submitted by the City notifying the Successful Bidder that the City intends to award the project to them contingent upon the Successful Bidder executing the Agreement and submitting any outstanding documents.

"Notice to Proceed" means a written notice issued by the City to the Successful Bidder fixing the date on which the Successful Bidder shall start the performance of the Services and the length of time for the completion of the Services, in accordance with the Contract Documents.

"Pre-Bid Conference" means a public meeting at which Bidders gather to obtain additional information as to the scope of Services required under the Invitation to Bid. If the pre-bid conference is mandatory, City will only accept Bids from those Bidders who attended the pre-bid conference.

"Public Opening" means the opening of the Bids and the announcing of the Bidders who submitted a Bid in response to the Invitation to Bid in the presence of the public.

"Recommendation of Award" means a written notification sent by way of facsimile or electronic e-mail to those who submitted a Bid in response to this Invitation to Bid advising them of the City's decision for its selection of the Successful Bidder and its intent to award to that Bidder.

"Responsible Bidder" means an entity that has the resources, skills, knowledge and financial ability to provide the Services specified in this Invitation to Bid.

"Responsive Bidder" means a Bidder who submits all documents required in accordance with the Invitation to Bid and complies with the requirements of this Invitation to Bid with no exceptions taken to such requirements.

"Services" means labor, materials, equipment, Sub-Contractors, supplies, insurance, bonds and any other incidental expenses required by the Bidder to execute and complete the requirements of the Services outlined in the Contract Documents, including those prescribed or implied.

"Sub-Contractor" means an entity having a direct contract with the Contractor or with any other Sub-Contractor of the Contractor who will provide product(s) or service(s) for the performance of a part of the Services required under the Contract Documents under the sole control and direction of the Contractor.

"Substantial Completion" means stage or designated portion of a construction project that is sufficiently complete in accordance with a contract for the owner to occupy and/or utilize it for its intended use, without undue interference.

"Successful Bidder" means the Bidder who the City awards an Agreement to for the provision of the Services specified in this Invitation to Bid.

"Timeline" means the list of critical dates and actions involved in the Invitation to Bid.

"Verified Total Base Bid" means the mathematical equations used to come up with the total base bid (i.e. Unit price multiplied by estimated quantity) have been verified to be true and that no mathematical errors exist. If said mathematical errors do exist the Purchasing Department shall use the corrected verified number as the "Total Base Bid" considered for award for each District.

"Verified Total Lump Sum Bid" means the mathematical equations used to come up with the total lump sum bid which has been verified to be true and that no mathematical errors exist. If said mathematical errors do exist the correct verified number verified by the City Purchasing Department shall be used as the "Total Lump Sum Bid" considered for award.

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INSTRUCTIONS TO BIDDERS

Solicitation Overview

The City of Dade City, Florida ("City") invites interested parties to submit a Bid for Construction of the Hardy Trail Extension project.

General

Bidders are encouraged to carefully review all the materials contained herein and prepare your Bid accordingly. The detailed requirements set forth below will be used to evaluate the Bids and failure of Bidder to provide the information requested for a specific requirement may render their Bid as non-responsive and result in being rejected. Failure of Bidder to comply with all terms of this Invitation to Bid (ITB) may result in disqualification of Bidder and rejection of Bidder's submittal by City.

Bidders shall carefully study and compare the information and documents presented in this Invitation to Bid to insure there are no conflicts, shall examine the site and local conditions, if applicable, and shall at once report to the Contact Person any errors, inconsistencies or ambiguities discovered.

City shall not be liable for any costs incurred by a Bidder in preparing or producing its Bid or for any service provided before execution of an Agreement.

All terms and conditions outlined in this Invitation to Bid, and any associated Addenda, shall become a part of the Agreement entered into between the City and the Successful Bidder.

Minimum Requirements for Submitting a Bid

Bidder must presently have, or will procure at time of award of a contract, personnel, materials and equipment necessary to perform the services outlined in this Invitation to Bid.

Bidders must be pre-qualified by the Florida Department of Transportation for Road and Bridge Construction and submit a copy of such at the time of Bid Submittal.

Bidder shall meet, at a minimum, one of the following requirements to be determined a responsive and responsible Bidder at the time of Bid Submittal:

1. Certified General Contractors License
2. FDOT Certificate Letter
3. FDOT Maintenance of Traffic Certificate

Contact Person

All inquiries pertaining to this Invitation to Bid are to be directed to:

Joseph DeBono
Public Works Director
38020 Meridian Avenue
Dade City, FL 33525
Phone: (352) 523-5050 ext. 401
Fax: (352) 521-1422
Email: jdebono@dadecityfl.com

AND

Heather Washburn
Project Manager
38020 Meridian Avenue
Dade City, FL 33525
Phone: (352) 523-5050 ext. 403
Fax: (352) 521-1422
Email: hwashburn@dadecityfl.com

CAUTION:

In accordance with Section 287.057 (24), Florida Statutes, Bidders to this solicitation, or persons acting on their behalf, may not contact, between the release of the solicitation and the end of the 72-hour period following the agency posting the notice of intended award, excluding Saturdays, Sundays and legal holidays, any employee or officer of the City concerning any aspect of this solicitation, except in writing to the Contact Person noted above. Violation of this provision may be grounds for rejecting a response to this solicitation.

Questions/Additional Terms & Conditions/Variations/Exceptions

Bidders may submit questions about the meaning or intent of the Invitation to Bid to the Contact Person **in written format only and shall submit such on or before the deadline for questions listed in the Event Timeline.** Interpretations or clarifications considered necessary in response to such questions will be issued by a written Addendum. **Only questions answered by formal written Addendum will be binding. Oral and other interpretations or clarifications will be without legal effect.** Questions submitted shall not constitute formal protest of the specifications or of this Invitation to Bid.

Bid Documents

A copy of the Bid Documents may be obtained from Onvia DemandStar, the City's website <http://www.dadecityfl.com/departments/government/BIDS/QUOTES/AUCTIONS.php>, or via email hwashburn@dadecityfl.com and jdebono@dadecityfl.com.

Complete sets of Bid Documents shall be used in preparing Bids. The City assumes no responsibility for errors or misinterpretations resulting from the use of incomplete sets of Bid Documents. The City, in making copies of Bid Documents available on the above terms, does so only for the purpose of obtaining Bids on the Work, and does not confer a license or grant for any other use.

Event Timeline

Bidders should review and become familiar with the Event Timeline. The dates and times of each activity within the Timeline may be subject to change. It is the responsibility of Bidder to check for any changes. All changes to the Timeline will be made through an addendum to this Invitation to Bid.

EVENT	DATE	TIME
Issue Invitation to Bid	November 11, 2018	
MANDATORY Pre-Bid Conference	November 28, 2018	2:00 PM
Deadline for Questions	December 13, 2018	
Bid Due Date and Time	December 20, 2018	2:00 PM
Public Opening Date and Time	December 20, 2018	2:00 PM
Board Approval and Award (subject to change)	January/February 2019	TBD

Pre-Bid Conference

A **MANDATORY Pre-Bid Conference** will be held on November 28, 2018 at 2:00 PM. The Conference will be held at the Dade City Commission Chambers, City Hall, 38020 Meridian Avenue, Dade City, Florida 33525. Please limit your company's attendance to only two individuals.

Any person requiring reasonable accommodation at this meeting because of a disability or physical impairment should contact the City Manager's Office, 38020 Meridian Avenue, Dade City, Florida 33525, (352) 523-5050, at least two days before the meeting. If you are hearing or speech impaired, dial 7-1-1, 1-800-955-8771 (TTY) or 1-800-955-8770 (v), via Florida Relay Service.

Public Opening of Bids

Sealed Bids shall be opened and read aloud publicly on December 20, 2018 at 2:00 PM. The public opening shall be held at the Dade City Commission Chambers, City Hall, 38020 Meridian Avenue, Dade City, Florida 33525.

Any person requiring reasonable accommodation at this meeting because of a disability or physical impairment should contact the City Clerk's Office, 38020 Meridian Avenue, Dade City, Florida 33525, (352) 523-5050, at least two days before the meeting. If you are hearing or speech impaired, dial 7-1-1, 1-800-955-8771 (TTY) or 1-800-955-8770 (v), via Florida Relay Service.

Submission of Bids

SEALED Bids are to be submitted on or before December 20, 2018 at 2:00 PM to:

Building Department
Attn: Joseph DeBono
38020 Meridian Avenue
Dade City, Florida 33525

Bids are required to be submitted by U. S. Mail, Courier Service or Personal Delivery. **Bids submitted via facsimile or e-mail will be rejected.**

Should a Bid be delivered in person, it should be delivered to the Building Department at the address noted above. The Building Department will ensure the Bid is logged and stamped with the appropriate date and time of delivery. A receipt can be provided to the delivery person, if required.

Bidders are to submit **one (1) unbound original and three (3) copies and one (1) electronic copy** of their Bid.

The outside of the mailing package must be marked with the following information:

- The words "SEALED INVITATION TO BID, 1903PK_Hardy Trail Extension Construction (LAP project)"
- Name of the party submitting the Bid

If the mailing package is not properly marked and is opened in error, the Bid may be rejected.

Timeliness of Bid Submittal

The City assumes no responsibility for Bids received after the due date and time, or at any location other than that specified herein, whether due to mail delays, courier mistakes, mishandling, inclement weather, or any other reason. **Bids received after the due date and time will be returned unopened, and will not be considered for selection. There will be no exceptions to this policy.**

The City is not considered a "priority area" by some courier Services. It is the responsibility of Bidder to make sure their Bid is delivered by the due date and time. If the courier service chosen arrives after the due date and time, the actual delivery date and time will be recorded on the Bid envelope and it will be returned to Bidder as refused.

Bid Submittal Format

Bids MUST be submitted in the format noted below:

- ⇒ Bid Form
- ⇒ Bid Security
- ⇒ Bidder's Representation and Certification Form
- ⇒ Certificate(s) of Insurance
- ⇒ Copies of Licenses and Certifications
- ⇒ Bidder's Qualification Statement
- ⇒ List of Sub-Contractors and Major Suppliers
- ⇒ FDOT Certification Letter
- ⇒ Certification of Insurance
- ⇒ Maintenance of Traffic (MOT) Certification

Bid Form

Bidders must utilize the Bid Form included with this Invitation to Bid for submitting pricing information. No substitutes will be permitted. **All pages of the Bid Form must be submitted.** Bids that do not comply with this condition are subject to rejection.

Bids shall be typed or printed in **BLACK** ink. Erasures, or the use of typewriter correction fluid or tape is acceptable, however, such corrections must be initialed by the individual signing the Bid Form.

All blanks on the Bid Form must be completed. If anything is not applicable, Bidder shall indicate such with "N/A". If there is no charge for any specific line item, Bidder shall indicate such by entering "no charge".

The name of the individual signing the Bid Form must be printed below the signature. The address, telephone number and facsimile number for communications regarding the Bid must be indicated. Bids must be executed in Bidder's registered company name and be executed by an officer of the company who has the authority to bind the Bidder. The signature must be made in **BLUE** ink to show that it is an original. If the Bid Form is not executed, the Bidder's Bid will be rejected.

Bidders shall acknowledge receipt of all Addenda by filling in the numbers of the respective addenda on the Bid Form.

Bid Security

Bids must be accompanied by a Bid Security made payable to City in an amount of five percent (5%) of the Bidder's Bid Price in the form of a certified or cashier's check or a Bid Bond.

If Bidder is submitting a Bid Bond, it must be an original signed and sealed by the surety company issuing the Bond, as well as the Bidder. Copies and facsimiles of the Bid Bond will result in the Bidder being non-responsive and their Bid will be rejected. The Bond must be in the form prescribed in Section 255.05, Florida Statutes. The rating of the surety company must be an A.M. Best's Rating of A- or better. The surety company executing the Bond must be authorized to transact business in the State of Florida as a surety. The Attorney in-Fact who signs the bond must file with each bond a certified copy of their Power of Attorney.

The Bid Security of the Successful Bidder will be retained until an agreement has been executed and the required Payment and Performance Bonds have been provided to the City, at which time the Bid Security will be returned. If the Successful Bidder fails to execute an agreement and furnish the required Contract Security within the specified time after execution of an agreement, the City may annul the award and the Bid Security of the Successful Bidder shall be forfeited.

City shall retain the Bid Security of the other Bidders until City enters into an agreement with the Successful Bidder.

Bidder's Representation and Certification Form

Bidders are required to submit with their Bid an executed Bidder's Representation and Certification Form. The signature must be made in **BLUE** ink.

Certificate of Insurance

Bidders are to submit a copy of their certificate(s) of insurance evidencing policies and limits of insurance that they currently have in force.

It is critical that Bidder provide the City with an accurate email address and provide contact information for Bidder's insurance agent(s). This information must be available at the time of bid submittal. Once Bidder has provided the email address for its insurance agent(s), an email will be sent to the insurance agent(s) requesting them to confirm Bidder's Certificate of Insurance (COI) directly to the City's Contacts. Certificates of Insurance cannot be mailed, emailed or faxed to City. Bidder will not be allowed to begin work and no payments will be made until this process is completed and a compliant COI is received from Bidder's insurance agent(s).

Licenses and Certifications

Bidders are required to submit with their Bid copies of their licenses and certifications as applicable to this Invitation to Bid. Please note that the City of Dade City does not automatically issue licenses based on "reciprocity" from another County or City. The awarded bidder will be required to register with Dade City. Bidders can call the Dade City Building Department for more information at (352) 523-5050 ext. 412.

Bidders must comply with Chapter 607, Florida Statutes, entitled "Corporations" to transact business in the State of Florida. Bidders must have the proper licenses and/or certifications in accordance with the State of Florida's regulations governing the provision of the services outlined in this Invitation to Bid. Furthermore, Bidders must also comply with the policies, codes and regulations of the City of Dade City for conducting business in City. By submitting a Bid, Bidder represents and warrants that they and their Sub-Contractors, if applicable, have the required licenses and certifications.

Bidder's Qualification Statement

Bidders are required to submit with their Bid an executed Bidder's Qualification Statement. The signature must be made in **BLUE** ink.

To demonstrate that the Bidder is qualified to perform the Work covered under this Invitation to Bid, Bidder must include any and all documents and other information to substantiate the qualifications noted, such as: licenses, references for similar work, present commitments and other such data as required in the Bid Documents.

Bids must contain evidence of Bidder's qualification to do business in the State of Florida or covenant to obtain such qualification prior to award of the contract. Bidders must comply with the Chapter 607, Florida Statutes, to transact business in the State of Florida. If Successful Bidder is not in compliance with such, they shall have fourteen (14) calendar days from receipt of a Notice of Intent to Award to obtain the required certificate of authority from the State of Florida and produce a copy of such to the Contact Person.

Bidders shall have all licenses, certifications and/or permits required by Federal, State, and Local Statutes, Regulations, and/or Ordinances for performing the Work specified in the Bid Documents at the time of Bid submittal. Additionally, Bidders must comply with regulations policies, codes and regulations of the City of Dade City, Pasco County, Florida for conducting business in the City of Dade City.

By submitting a Bid in response to this Invitation to Bid, Bidder represents and warrants that they have the necessary licenses and/or certifications required to perform the Work covered under this Invitation to Bid, or will obtain such prior to award of Contract.

List of Sub-Contractors and Major Suppliers

Bidders are required to submit with their Bid a list of proposed Sub-Contractors and major suppliers.

All Sub-Contractors and major equipment/material Suppliers proposed by Bidder for the performance of the Work covered under this Invitation to Bid are subject to the approval of City. City reserves the right to reject any and all proposed Sub-Contractors and major equipment/material Suppliers listed by the Bidder and bears no responsibility or liability to the Bidder or its proposed Sub-Contractors and major equipment/material Suppliers for any commitments made between them regarding the performance of the Work covered under this Invitation to Bid.

Bidders shall furnish the names and responsibilities of those Sub-Contractors and major equipment/material Suppliers they propose to use on the project on the "Sub-Contractors and Major Suppliers List" included with this Invitation to Bid. No changes to this list shall be made after the deadline for submitting the Bid without prior written approval by City. If City has reasonable objection to any proposed Sub-Contractor or major equipment/material Supplier, City reserves the right, before giving Notice of Intent to Award, to request the apparent Successful Bidder to submit an acceptable substitute without an increase in Successful Bidder's Bid price. If apparent Successful Bidder declines to make any such substitution, City may make the award to the next lowest Bidder that proposes to use Sub-Contractors and major equipment/material Suppliers, who are acceptable to City.

No more than fifty percent (50%) of the Services provided by the Successful Bidder can be performed by Sub-Contractors.

City reserves the right to request from the apparent Successful Bidder, all pertinent data, including but not limited to, the following information about the proposed Sub-Contractors and major equipment/material suppliers: name as registered with the State of Florida, Federal Employer Identification Number, address and phone number, State registration or license number, and such other information as deemed relevant by City for evaluating the qualifications and experience of the proposed Sub-Contractors and major equipment/material suppliers. If requested by City, Bidder shall also provide an experience statement with pertinent information regarding similar services and other evidence of qualification for each proposed Sub-Contractor and equipment/material Supplier.

All proposed Sub-Contractors shall be properly certified, registered or licensed by the appropriate governmental authority (as applicable) for the Work to be performed, prior to the submittal of the Bid. Proposed Sub-Contractors shall have successfully completed work comparable to that which is noted within the Bid Documents, and be qualified both technically and financially to perform the Work for which they are listed.

Bid Pricing

Bid Pricing shall be firm until contract is signed. Bid Pricing shall include such amounts, as Bidder deems proper, for all labor, materials, supplies, equipment, Sub-Contractors, insurance, bonds, overhead, profit and any other costs to provide the Services as noted in this Invitation to Bid. The Bid Pricing shall not include all applicable sales and use taxes.

Bids must have pricing for each line item and the Total Base Bid Price, as indicated on the Bid Form. A separate price shall be indicated for each alternative, if applicable. The price of the Bid for each alternative shall be the amount to be added to or deducted from the amount of the Base Bid if City selects the alternative. Bid alternatives, if

any, will be evaluated and may or may not be awarded at the sole discretion of City. Bid alternatives may be awarded separately or in combination as deemed to be in the best interest of City.

Discrepancies in the multiplication of units and unit prices will be resolved in favor of the unit prices. Discrepancies between the indicated sum of any column of figures and the correct sum thereof will be resolved in favor of the correct sum.

Commencement and Completion of Services

Successful Bidder shall commence ordering materials and equipment within ten (10) calendar days after receipt of a Notice to Proceed from City. Successful Bidder shall reach **Substantial Completion within one hundred and ninety-nine (199) calendar days** after receipt of a Notice to Proceed and shall reach **Final Completion within two hundred and fifty-nine (259) calendar days** after receipt of a Notice to Proceed.

Budget

City has appropriated approximately \$807,787.00 for the procurement of the Services covered under this Invitation to Bid. City reserves the right to adjust this amount based on availability of funding.

Liquidated Damages

If the Services covered under this Invitation to Bid do not reach Substantial Completion within the 199 calendar days, plus any extensions thereof, or Final Completion within 259 calendar days, plus any extensions thereof, the City could incur additional expenses. Since these expenses are difficult to prove in a legal or arbitration proceeding, instead of requiring any such proof, the Successful Bidder shall agree that as liquidated damages for any delays (but not as a penalty) they shall pay the City the amount calculated based on FDOT Standard Specifications Road and Bridge Construction, 2018 Edition, which shall be **one thousand six hundred and fifty-five dollars (\$1,655.00)**, for each calendar day that expires after the time specified in the Bid Documents, plus any extensions thereof. Sundays and legal holidays shall be excluded in determining days in default.

Required Warranty

The Successful Bidder shall provide a one (1) year (*or 12 months*) minimum warranty period, or longer period as described in the specifications package, on materials, equipment and workmanship, starting from the date of substantial completion of the project.

Contract Security / Payment and Performance Bonds

The Successful Bidder will be required to procure Payment and Performance Bonds, each in the amount of one hundred percent (100%) of their Bid plus Alternate Pricing, for the faithful performance of the Contract. After Notice of Award and execution of an Agreement, **the Successful Bidder shall have ten (10) calendar days to provide the Performance and Payment Bonds to the City.**

The Successful Bidder will be responsible for recording the Payment and Performance Bonds in the public records of Pasco County. Once recorded, the Successful Bidder shall deliver two certified copies of the Bonds and a receipt from the Clerk of Court, confirming that the Bonds have been recorded, to the City.

The bonds must be in the form prescribed in Section 255.05, Florida Statutes, with the surety's bond number to be listed on the front page of the bond. The rating of the surety company must be A.M. Best's Rating of A-, VI or better. The surety company executing the Bonds must be authorized to transact business in the State of Florida as a surety. The Attorney in-Fact who signs the bonds must file with each bond a certified and effective date copy of their Power of Attorney. The bonds must show the name, address and phone number of the Contractor, the Surety Company and the City. The bond must indicate the Bid Number, a general description of the project, and the address where the work will take place.

ADDITIONAL INFORMATION

Signing of the Agreement

When City gives a Notice of Intent to Award to Successful Bidder, it will be accompanied by an unsigned Agreement. **Within ten (10) calendar days thereafter Successful Bidder shall execute and deliver to City the Agreement, along with a certificate of insurance that shows policies, limits and other conditions in compliance with that**

outlined in the Invitation to Bid. Upon award and execution of the Agreement by the City, three (3) executed copy of the Agreement shall be delivered to the Successful Bidder.

Responsiveness of the Bid and Disqualification

A responsive Bid is one that complies with and conforms to the requirements of this Invitation for Bid. A Bid requiring changes to any portion of this Invitation for Bid may be considered non-responsive. Also, a Bid that fails to comply with the criteria outlined in this Invitation for Bid may be deemed non-responsive.

A Bid may be rejected if found to be conditional, irregular, incomplete or not in conformance with the requirements and instructions contained herein, such as, but not limited to: (1) failure to strictly comply with and satisfactorily address the prerequisite criteria, (2) failure to provide the required forms or other documentation, (3) incomplete, indefinite or ambiguous language, (4) improper and/or undated signatures, and (5) failure to submit an original Bid Bond, if applicable.

Other conditions which shall cause rejection of the Bid, include, but are not limited to: (1) an individual firm, partnership, corporation or combination thereof, under the same or different names submitting (as the Bidder) more than one Bid, (2) evidence of collusion among Bidders, (3) obvious lack of experience or expertise of the Bidder to perform the Services, (4) failure to perform or meet financial obligations for previous contracts with the City, (5) falsification of any form required by the City, or (6) not having valid and appropriate local, state or federal certifications and/or licenses necessary to perform the Services.

City may conduct such investigations as City deems necessary to assist in the evaluation of any Bid and to establish the responsibility, qualifications and financial ability of the Bidder and their proposed Sub-Contractors. City reserves the right to seek clarifications and/or request any information deemed necessary for proper evaluation of Bids from all Bidders.

List of Bidders

A list of Bidders, along with their pricing, will be posted on the ONIVA-Demand Star® within ten (10) days after the Public Opening date. The list of Bidders can also be obtained by contacting the Contact Person. **The City will not provide a list of Bidders by telephone.**

Examination of Bid Documents and Project Site

It is the responsibility of the Bidder to (1) examine the Bid Documents thoroughly, (2) visit the project site to become familiar with local conditions that may affect cost, progress, or performance of the Services, (3) consider Federal, State and Local Laws and Regulations that may affect cost, progress, or performance of the Services, (4) study and carefully correlate Bidder's observations with the Bid Documents, and (5) notify the Contact Person of all conflicts, errors or discrepancies in the Bid Documents prior to submitting a formal Bid.

If reports of explorations and tests of subsurface conditions at the project site are conveyed to Bidder by City, Bidder may rely upon the accuracy of the technical data contained in such reports but not upon non-technical data, interpretations or opinions contained therein or for the completeness thereof for the purposes of bidding or performance of the Services.

Information and data reflected in the Bid Documents with respect to underground facilities at or contiguous to the project site is based upon information and data furnished to City by owners of such underground facilities or others, and City does not assume responsibility for the accuracy or completeness thereof.

The lands upon which the Work is to be performed, rights-of-way and easements for access thereto and other lands designated for use by Contractor in performing the Work are identified in the Bid Documents. All additional lands and access thereto required for temporary construction facilities or storage of materials and equipment are to be provided by Contractor. Easements for permanent structures or permanent changes in existing structures are to be obtained and paid for by City unless otherwise provided in the Bid Documents.

Before submitting a Bid, it shall be the Bidder's responsibility to request from the City or to obtain on their own any additional information and/or data which the Bidder deems necessary for preparing their Bid so as to be informed of anything that may affect the cost, progress, or performance of the Services in accordance with the time, price and other terms and conditions noted in the Bid Documents.

The submission of a Bid will constitute an incontrovertible representation by Bidder that Bidder has complied with all of the requirements of this Article that without exception their Bid is premised upon performing the Work required by the Bid Documents and such means, methods, techniques, sequences or procedures of construction as may be

indicated in or required by the Bid Documents, and that the Bid Documents are sufficient in scope and detail to indicate and convey understanding of all terms and conditions for performance and furnishing of the Services.

Addenda

Any Addenda issued in relation to this Invitation to Bid will be posted on Onvia DemandStar and the City's website <http://www.dadecityfl.com/departments/government/BIDS/QUOTES/AUCTIONS.php>.

It is Bidder's responsibility to be aware of any addenda that might have a bearing on their bid before the Bid is due. Bidders shall acknowledge receipt of any and all addenda in the Bid Form. In the event a Bidder fails to acknowledge receipt of such addenda, their Bid will be construed as though they have received such addenda, and the submission of a Bid will constitute acknowledgement of the receipt of same. All addenda will become a part of the Bid Documents and Bidder will be bound by such, whether or not received by Bidder.

Modification / Withdrawal of Bid

Bidders have the right to modify or withdraw their Bid without cause or liability whatsoever at any time prior to the Bid submittal due date and time. Such requests must be made to City in writing.

Modified or withdrawn Bids may be resubmitted, in accordance with the instructions in this Invitation to Bid up to the Bid submittal due date and time.

No Bid shall be modified or withdrawn by Bidder for a period of one hundred twenty (120) days after the Bid submittal due date and time.

Tie Bids

Should there result in a tie Bid between two or more Bidders, City shall initiate the following actions:

- Award to bidder who has certified it has implemented a Drug Free Workplace Program in accordance with Section 287.087 F.S.
- Draw lots or flip a coin, or
- Reject all Bids and re-solicit the service.

Less Than Two Bids Received

If less than two Bids are received, the City may negotiate the best terms and conditions with that Bidder, or reject the Bid and re-solicit the Service. The City will notify the Department prior to the start of negotiations with the bidder.

Next Low Bidder

In the event of default by the Awarded Bidder, City reserves the right to utilize the next lowest Bidder as the new Awarded Bidder. In the event of this occurrence, the next lowest Bidder, if it wishes to accept the award, shall be required to provide the bid items at the prices as contained in its bid for the commodity noted in this Invitation to Bid.

Rights of the City

City reserves the right to debar or suspend, for no longer than three (3) years, a Bidder from any solicitation process should it be discovered that (1) Bidder was in violation of any of the issues listed in the "Bidder's Representation And Authorization Form", (2) Bidder has shown a recent record of failure to perform or of unsatisfactory performance under any existing or past contracts with City, provided such failure was not caused by acts beyond the control of Bidder, or (3) City became aware of anything concerning Bidder that was found to be so serious and compelling as to affect responsibility of Bidder, including debarment or suspension by another governmental entity. City will not exercise this right until after written notice has been given to Bidder and reasonable opportunity has been given for Bidder to be heard. The decision of debarment or suspension shall be final and conclusive, unless fraudulent, or Bidder commences an action in court.

Bid Evaluation and Award

City reserves the right to (1) cancel this Invitation to Bid, (2) reject any or all Bids, (3) waive any or all irregularities in the Bids, (4) modify the scope of the Work, (5) waive any minor departure from the specifications, or (6) disregard all nonconforming, non-responsive, unbalanced or conditional Bids, as long as such does not give Bidder an advantage or benefit not enjoyed by the other Bidders or does not adversely impact the interests of City. City reserves the right to re-advertise the Invitation to Bid, when it is in the best interest of City. City also reserves the right to reject the Bid of any Bidder if City believes that it would not be in its best interest to make an award to that Bidder, whether because the Bid is non-responsive, the Bidder is unqualified or of doubtful financial ability or Bidder fails to meet any other pertinent standard or criteria established by City.

In evaluating Bids, the City shall consider (1) the qualifications of Bidders, (2) whether or not the Bids comply with the prescribed requirements, (3) such alternates, unit prices and other data, as may be requested in the Invitation to Bid, (4) the qualifications and experience of the Bidder's proposed Sub-Contractors and major equipment/material suppliers, (5) any additional terms and conditions, exceptions or variances stipulated by Bidder, and (6) operating costs, maintenance requirements, performance data, warranties and guarantees.

Negotiations per FDOT

City may conduct such investigations as City deems necessary to assist in the evaluation of any Bid and to establish the responsibility, qualifications and financial ability of Bidders and their proposed Sub-Contractors and major equipment/material suppliers to City's satisfaction. City reserves the right to seek clarifications or request any information deemed necessary for proper evaluation of Bids from all Bidders deemed eligible for contract award. Failure to provide requested information may result in rejection of the Bid.

If award of the Bid is to be made, it shall be made to the lowest most responsive and responsible Bidder whose evaluation by City indicates that the award will be in the best interest of the City or the Project. City shall give the Successful Bidder a Notice of Intent to Award by way of facsimile or e-mail to the Successful Bidder, however, no contract shall be formed between the Successful Bidder and City until City signs the Agreement.

Estimated Quantities

Estimated quantities are given only as a guideline for preparing a Bid in response to this Invitation to Bid. Actual quantities may vary from the estimates given and are dependent upon the needs of City and the availability of funds. If unit pricing is being requested for Services, the unit pricing shall remain as accepted at Contract award. If more or less quantities are not acceptable, Bidder must note on the Bid Form "PRICING IS FOR SPECIFIED QUANTITY ONLY."

Manufacturer's Name and Approved Equivalents

Unless the Bid Documents state otherwise, Bidder's price is to be based on the materials or equipment as described in the specifications without consideration of possible "substitute", "or-equivalent", or "or equal" items.

Whenever it is indicated in the specifications that a "substitute", "or-equivalent", or "equal" material or equipment may be furnished, Bidder may submit such "substitute", "or-equivalent", or "or equal" item as an Alternate to that specified, which the Bidder must clearly state in their Bid. In doing so, the Bidder must also submit with their Bid a side-by-side comparison of such "substitute", "or-equivalent", or "equal" material or equipment to the material or equipment specified. The City will evaluate such "substitute", "or-equivalent", or "or equal" material or equipment and make a determination as to whether it is in fact a "substitute", "or-equivalent", or "equal" material or equipment. Any decision made by the City, whether adverse or not, shall be final and conclusive.

Acceptance of Bid Content

The submission of a Bid in response to this Invitation to Bid shall be considered as a representation that (1) Bidder has carefully investigated all conditions that affect, or may at some future date, affect the provision of the Services covered by this Invitation to Bid and (2) Bidder is fully knowledgeable and possesses the skills to provide the Services covered under this Invitation to Bid.

Contents of the Bid submitted by a Bidder, including any special terms and conditions, variances, and exceptions that may be agreed to by City, shall become the basis for contractual obligations if award is made to the Bidder.

Conflict of Interest

Bidder shall disclose in their Bid the name of any officer, director, employee or other agent who is also an employee of the City. Bidder shall also disclose the name of any City employee who owns, directly or indirectly, an interest of five percent (5%) or more in the Bidder's company or its affiliates.

Any Bidder or their proposed Sub-Contractors who are currently involved in a contract with the City that may have a potential or actual conflict of interest regarding this solicitation shall be required to submit such information with their Bid, which shall include sufficient details regarding the actual or potential conflict of interest to allow City to evaluate the Bid, including but not limited to existing contracts that Bidder has with City that may conflict with the Services being provided pursuant to this Invitation to Bid. Failure to do so may result in an adverse determination by City. City also reserves the right to request additional information regarding such a conflict of interest.

City will determine whether Bidder or their proposed Sub-Contractor has a conflict of interest that will interfere with Bidder's ability to provide the Services outlined in this Invitation to Bid and notify Bidder of the determination.

Bidder, or any of its employees, including any proposed Sub-Contractors or major equipment/material suppliers, shall not enter into any contract with City or any other governmental entity during the term of any contract covered under this Invitation to Bid that would create or involve a conflict of interest or the appearance of a conflict of interest with the Services noted in the Invitation to Bid.

Documentation Become the Property of the City

All documentation produced as part of this Invitation to Bid, inclusive of documentation submitted in response to this Invitation to Bid shall become the exclusive property of City. Documentation may not be removed by the Bidder or their agent, and will not be returned to the Bidder.

Review of Bidder's Facilities and Bid

Prior to issuance of a Notice of Award, City reserves the right to perform or have performed an on-site review of Bidder's facilities, their qualifications, as well as documentation provided of any Bidder. This review will serve to verify data and representations submitted by Bidder and may be used to determine whether Bidder has an adequate, qualified, and experienced staff that can provide the necessary resources and perform the Services covered under this Invitation to Bid. Should City determine that (1) the Bid or subsequent documentation submitted by the Bidder has material misrepresentations, or (2) the size or nature of Bidder's resources, or the number of experienced personnel (including technical staff) are not adequate to ensure satisfactory performance, or (3) City ascertains other bases for concern as to Bidder's ability to perform the Services, City has the right to reject Bidder's Bid.

Financial Strength

Prior to award of a contract, City reserves the right to request financial information from the Successful Bidder to assist City in further review of that Bidder's qualifications and capabilities and to verify whether Bidder has adequate financial capacity to meet the requirements of the Invitation to Bid. Financial information provided shall be for the current and previous two years, to include, but not be limited to a financial statement prepared by a Certified Public Accountant (i.e., balance sheet and income and cash flow statements) or a Supplier Qualifier Report prepared by Dun & Bradstreet.

Clarifications

Before contract award, City reserves the right to seek clarification from Bidders to properly evaluate their Bid.

Drug Free Work Place

The City has a "zero tolerance" policy concerning the use of drugs and alcohol in the workplace. The Successful Bidder will be required to comply with such policy and ensure that its employees and the employees of its Sub-Contractors follow and comply with such policy.

Public Records Act

Bidders should make themselves familiar with Chapter 119, Florida Statutes, concerning availability of public records. [Section 119.071](#), Florida Statutes, provides that sealed bids, proposals, or replies received by a Florida public agency shall remain exempt from disclosure until an intended decision is announced or until 30 days from the opening, whichever is earlier. This means that Bidders will not be able to procure a copy of their competitor's Bids until an intended decision is reached or 30 days has elapsed since the time of the Bid opening. In accordance thereafter, Bid

Documents may be viewed at the City Clerk's Office, during normal business hours (which is Monday through Friday 8:00 AM to 5:00 PM) at Dade City City Hall, 38020 Meridian Avenue, Dade City, Florida, 33525. To request copies, contact Ms. Angelia Guy, City Clerk.

Florida law generously defines what constitutes a public record and under Chapter 119, Florida Statutes, all Bids are to be made available by City for viewing by the general public. If a Bidder believes that their Bid contains information that should not be a public record, the Bidder shall clearly segregate and mark that information as "**Confidential**" and describe in writing the grounds for claiming exemption from the public records law, including the specific statutory citation for such exemption. Any documents given to the Successful Bidder as part of performing the Services covered under this Invitation to Bid shall not be sold or distributed to third parties without the written consent of City.

Successful Bidder will be required to retain a copy of these documents for a minimum of three (3) years from completion of the Agreement. All documents, papers, letters, e-mails or other material made or received by the Successful Bidder in conjunction with the Services, unless exempt from Section 24(a), Article I, Florida Constitution, and Section 119.07(1), Florida Statutes, shall be made available for public access. Should the Successful Bidder refuse to allow such access, City has the unilateral right to cancel the Award.

Bidders should consult an attorney as to their duties under the records and information laws (Section 257.36, Florida Statutes) and public records laws (Chapter 119, Florida Statutes) of the State of Florida. Significant judicial sanctions can be imposed for violation of these Statutes.

Protest Procedure

Bid Protests. Any actual or prospective bidder, offeror, proposer, vendor, or contractor who is aggrieved in connection with the solicitation or award of a contract may protest in writing to the City Commission after seeking resolution of their complaints with the City Manager. Initial notice of protest shall be filed within three (3) working days from the date of the protested award.

Debarment Protests. Any actual or prospective bidder, offeror, proposer, vendor, or contractor who is aggrieved in connection with being debarred from the City's bid list may protest in writing to the City Commission within three (3) working days from the date of the debarment.

Stay of Purchase. In the event of a timely protest properly filed, the Purchasing Director shall not proceed further with the solicitation or award of the contract until all administrative remedies have been exhausted or until the City Manager or City Commission, whichever is applicable, makes a determination on the record that the award of a contract without delay is necessary to protect substantial interest of the City.

Solicitations or Awards in Violation of Law

If prior to Award it is determined that this Invitation to Bid or proposed Award is in violation of law, then this Invitation to Bid or Award shall be cancelled, or revised to comply with the law.

If after Award, it is determined that this Invitation to Bid or the Award is in violation of law, then the Award may be ratified and affirmed, provided it is determined that doing so is in the best interest of City, or the Award may be terminated and the Successful Bidder shall be compensated for the actual expenses reasonably incurred had Award been made final.

E-Verification System

Bidder shall comply with the Executive Order No. 12989 as amended, and Executive Order No. 11-116. Bidder agrees to utilize the U.S. Department of Homeland Security's E-Verify system, <https://everify.uscis.gov/emp>, to verify the employment eligibility of (1) all persons employed by the Bidder during the contract term to perform any duties within Florida; and (2) all persons, including Sub-Contractors, assigned by the Bidder to perform work pursuant to this Contract. Bidders meeting the terms and conditions of the E-Verify System are deemed to be in compliance with this provision.

Immigration and Nationality Act

Bidder shall comply with all immigration laws as outlined in 8 USC § 1324a – Unlawful employment of aliens. City will not intentionally award contracts to any Bidder who knowingly employs unauthorized Alien workers. Any violation of the employment provisions outlined in the Immigration and Nationality Act throughout the term of any Agreement with City may constitute grounds for immediate termination of said Agreement.

Lobbying

Bidders shall not lobby any City employee or elected official on any aspect of this Invitation to Bid during the procurement process (i.e. from the time the Invitation to Bid is advertised to execution of an Agreement).

Indemnification

It is specifically agreed between the parties executing this Agreement that it is not intended by any of the provisions of any part of this Agreement to create in the public or any member thereof, a third party beneficiary under this Agreement, or to authorize anyone not a party to this Agreement to maintain a suit for personal injuries or property damage pursuant to the terms or provisions of this Agreement. The Agency guarantees the payment of all just claims for materials, supplies, tools, or labor and other just claims against the Agency or any subcontractor, in connection with this Agreement. Additionally, the Agency agrees to include the following indemnification in all contracts with contractors/subcontractors, or consultants/subconsultants who perform work in connection with this Agreement:

“To the fullest extent permitted by law, the Agency's contractor shall indemnify and hold harmless the Agency, the State of Florida, Department of Transportation, and its officers and employees, from liabilities, damages, losses and costs, including, but not limited to, reasonable attorney's fees, to the extent caused by the negligence, recklessness or intentional wrongful misconduct of the contractor and persons employed or utilized by the contractor in the performance of this Contract.”

This indemnification shall survive the termination of this Contract. Nothing contained in this paragraph is intended to nor shall it constitute a waiver of the State of Florida and the Agency's sovereign immunity.

To the fullest extent permitted by law, the Agency's consultant shall indemnify and hold harmless the Agency, the State of Florida, Department of Transportation, and its officers and employees, from liabilities, damages, losses and costs, including, but not limited to, reasonable attorney's fees, to the extent caused by the negligence, recklessness or intentional wrongful misconduct of the consultant and persons employed or utilized by the consultant in the performance of this Contract.

This indemnification shall survive the termination of this Contract. Nothing contained in this paragraph is intended to nor shall it constitute a waiver of the State of Florida and the Agency's sovereign immunity.”

MINIMUM INSURANCE REQUIREMENTS

Bidder shall procure and maintain for the duration of the contract insurance against claims for injuries to persons or damages to property which may arise from or in connection with the performance of the work hereunder by the Bidder, his agents, representatives, employees or Sub-Contractors. The coverages, limits or endorsements required herein protect the primary interests of the City and the Florida Department of Transportation, and these coverages, limits or endorsements shall in no way be required to be relied upon when assessing the extent or determining appropriate types and limits of coverage to protect the Bidder against any loss exposures, whether as a result of the project or otherwise. The requirements contained herein, as well as the City's review or acknowledgement, is not intended to and shall not in any manner limit or qualify the liabilities and obligations assumed by the Bidder under this contract.

A. COMMERCIAL GENERAL LIABILITY

- 1.) Bidder must obtain an occurrence form policy in limits not less than \$1,000,000 each occurrence, \$1,000,000 products / completed operations each occurrence, \$1,000,000 personal and advertising injury liability, \$50,000 fire damage liability and \$5,000 medical expense.

B. AUTOMOBILE LIABILITY

- 1) Bidder must obtain coverage for all vehicles for Bodily Injury and Property Damage of not less than \$1,000,000 combined single limit each accident. In the event the Bidder does not own vehicles, the Bidder shall maintain coverage for Hired & Non-Owned Auto Liability, which may be satisfied by way of endorsement to the Commercial General Liability policy or separate Business Auto Liability policy.

C. WORKERS COMPENSATION AND EMPLOYER'S LIABILITY

- 1) Bidder must obtain Workers Compensation insurance with limits in compliance with applicable state and federal laws; if any operations are to be undertaken on or about navigable waters, coverage must be included for the US Longshoremen & Harbor Workers Act. Employer's Liability limits for not less than \$100,000 each accident \$500,000 disease policy limit and \$100,000 disease each employee must be included.
- 2) For any officer of a Bidder that has exempt status as an individual, the City requires proof of workers' compensation insurance coverage for that Bidder/employer/owner's employees. If the Bidder/employer/owner or individual has applied for a workers' compensation exemption, the City does not recognize this exemption to extend to the employees of the Bidder/employer/owner.
- 3) The purpose of this section is to ensure that all Bidders, Sub-Contractors, sole proprietors, or business entities of any kind who contract with the City for provision of goods or services, provide workers' compensation coverage for all employees, and principles of Contractors, subcontractors, sole proprietors, or other business entities. All provisions of this Section shall be construed in accord with this intent.

D. OTHER INSURANCE PROVISIONS

- 1) The Bidder shall provide a Certificate of Insurance to the City with a thirty (30) day notice of cancellation, ten (10) day notice if cancellation is for nonpayment of premium. The certificate shall indicate if coverage is provided under a "claims-made" or "occurrence" form. If any coverage is provided under a claims-made form, the certificate will show a retroactive date, which should be the same date of the contract (original if contract is renewed) or prior.
- 2) The project's Bid number should be noted on the certificate.
- 3) The Bidder has sole responsibility for all insurance premiums and shall be fully and solely responsible for any costs or expenses as a result of a coverage deductible, co-insurance penalty, or self-insured retention; including any loss not covered because of the operation of such deductible, co-insurance penalty, self-insured retention, or coverage exclusion or limitation. For deductible or self-insured amounts that exceed \$10,000, the Bidder shall maintain a Commercial Surety Bond or Letter of Credit in an amount equal to said deductible or self-insured retention.
- 4) All required insurance policies must be maintained until the contract work has been accepted by the City. In addition, a minimum 30-day notification clause is required if any changes in policy language occur, or in the event the policy is canceled.
- 5) The City of Dade City, Florida, a municipality of the State of Florida and Florida Department of Transportation (FDOT), its officials, employees and volunteers are to be **covered as an Additional Insured on all policies** except Workers Compensation. The coverage shall contain no special limitation on the scope of protection afforded to the City, its officials, employees or volunteers.
- 6) The Bidder's insurance coverage shall be primary insurance as respects the City, its officials, employees and volunteers. Any insurance or self-insurance maintained by the City, its officials, employees or volunteers shall be excess of Bidder's insurance and shall be non-contributory.
- 7) **For all policies of insurance:** The Bidder, and its insurance carrier, **waive all subrogation rights** against the City for all losses or damages that occur during the contract and for any events occurring during the contract period, whether the suit is brought during the contract period or not. The City requires General Liability policies to be endorsed with CG 24 04 Waiver of Transfer of Rights of Recovery Against Others to Us or similar endorsement, and a WC 00 0313 Waiver of our Right to Recover from Others for Workers Compensation coverage.
- 8) **The Certificate Holder should read as follows:** *City of Dade City, Florida, a municipality of the State of Florida, 38020 Meridian Avenue, Dade City, FL 33525.*
- 9) It is the Bidder's responsibility to insure that all Sub-Contractors comply with these insurance requirements. Bidders shall include all Sub-Contractors as insured under its policies or shall furnish separate certificates and endorsements for each Sub-Contractor. All coverages for Sub-Contractors shall be subject to all of the requirements stated herein.
- 10) All required insurance policies must be written with a carrier having a minimum A.M. Best rating of A-.
- 11) All Certificates must show that the Bidder's policies have been endorsed per the requirements.

CONSTRUCTION AGREEMENT

(Please do not execute and submit with Bid)

This Construction Agreement is entered into by the parties this _____ day of _____, 2018.

1.0 Parties:

The City of Dade City, Florida, a municipality of the State of Florida, (City). and
_____, (Contractor).

2.0 Designated Contact Person as to City:

Joseph DeBono, Public Works Director
38020 Meridian Avenue
Dade City, Florida 33525
Phone: 352-523-5050 x 401
Fax: (352) 521-1422
Email: jdebono@dadecityfl.com

3.0 Designated Contact Person as to Contractor:

Name:
Address:

Phone:
Fax:
Email:

4.0 Designated Contact Person as to Agent:

CPH Engineers, Inc.
Mr. Ariel P. Elvambuena, P.E.
Phone: (813) 288-0233
Fax: (813) 288-0433
Email: aelvambuena@cphcorp.com

5.0 Notices: All notices between City and Contractor, as required under the Agreement, shall be by facsimile, e-mail, mail, or by personal delivery to the respective designated contact person identified above. Either designated recipient may notify the other, in writing, if someone else is designated to receive notice.

6.0 Entire Agreement: This Agreement, and its associated Documents referenced herein, together with any executed Addenda, shall constitute the entire Agreement between Contractor and City (hereinafter referred to as the "Agreement"). In resolving conflicts, errors, discrepancies, and disputes concerning the scope of Services or other rights or obligations of the parties, precedence shall be given in the following order (1) a fully executed Addendum to this Agreement (later executed Addenda taking precedence over earlier dated Addenda), (2) provisions of this Agreement, (3) provisions of the Invitation to Bid, (4) provisions of Contractor's Bid, (5) provisions of the Purchase Order, and (6) provisions contained in any governmental regulation incorporated herein by reference. There are no understandings or agreements except as herein expressly stated.

7.0 Project Design: The Project has been designed by the Agent for City, CPH Engineers. The City's Agent shall assume all duties and responsibilities and have the rights and authority assigned to them in the Agreement Documents with regards to the plans and specifications, in accordance with the Contract Documents.

8.1 Agreement Documents:

1. Exhibit A- Compensation (refer to Appendix A – FDOT LAP Documents)

9.0 Duration of Agreement and Commencement of Services: Contractor shall commence the Services on the date on which a Notice to Proceed is received by Contractor. Within ten (10) days after receipt of a Notice to Proceed, Contractor shall begin ordering materials and equipment required for the project and shall reach **Substantial Completion within one hundred ninety-nine (199) calendar days** after receipt of a Notice to Proceed and shall reach **Final Completion within two hundred and fifty-nine (259) calendar days** after receipt of a Notice to Proceed. Contractor will proceed with the Work at such rate of progress to insure full completion within the Contract Time. It is expressly understood and agreed, by and between Contractor and City, that the Contract Time for the completion of the Work described herein is a reasonable time, taking into consideration the average climatic and economic conditions and other factors prevailing in the locality of the Work.

10.0 Modification of Agreement: The Agreement may only be modified or amended upon mutual written agreement of City and Contractor. No oral agreements or representations shall be valid or binding upon City or Contractor. No alteration or modification of the Agreement terms, including substitution of product, shall be valid or binding against City. Contractor may not unilaterally modify the terms of the Agreement by affixing additional terms by incorporating such terms onto Contractor's documents forwarded by Contractor to City for payment. City's acceptance of the Services or the processing of documentation on forms furnished by Contractor to City for approval or payment shall not constitute acceptance of the proposed modification to terms and conditions.

11.0 Services Provided by Contractor: The Services to be provided by Contractor are summarized in Technical Specifications attached to the Solicitation, dated January, 2018.

12.0 Compensation to Contractor: Compensation to be paid to Contractor for the provision of the Services agreed to herein shall be at the unit prices noted in Exhibit "A", attached to this Agreement. All work shall be performed and paid for based on actual units of work performed.

13.1 Payment of Payment Requests:

13.2 Payment Requests: Requests for payment for the provision of the Services provided under the Agreement shall be submitted no more frequently than once per month, unless stipulated differently in the Agreement. At a minimum, the payment requests shall include the Purchase Order Number, a description of the Services provided, and the amount of the payment request. All requests for payment shall be submitted in sufficient detail to demonstrate compliance with the terms of the Agreement and to allow for the proper pre-audit and post-audit thereof. Requests for payment that include travel expenses shall be in accordance with Section 112.061, Florida Statutes. City reserves the right to require any information from Contractor that City deems necessary to substantiate claims for remuneration. Upon receipt of Contractor's payment request, City will review such to ensure that it is in proper order, and that the Services covered under the payment request have been completed in accordance with this Agreement. If it is found that the payment request is not in proper order, or the Services covered under the payment request do not satisfy this Agreement, the payment request may be rejected.

13.3 Prompt Payment: City shall make payment of a payment request in accordance under Florida's Prompt Payment Act.

13.4 Form of Request: If the payment request is not received in proper order, City may reject the payment request within twenty (20) business days after the date on which the payment request is recorded as received by City. City shall provide Contractor with a written notification of the rejection specifying the deficiency and corrective measures necessary to make the payment request proper. Upon receipt of a payment request that corrects the deficiency, City must either make payment, or reject the payment request, within twenty (20) business days after the date on which the corrected and proper payment request is recorded as received by City.

13.5 Resolution of Payment Request Disputes: In the event of a dispute between Contractor and City concerning the full or partial payment of a payment request, such disagreement shall be finally determined by City. If the dispute between Contractor and City involves a portion of a payment request, the undisputed portion shall be paid by City in a timely manner, as long as the payment request for the undisputed portion is in proper order. Proceedings to resolve the dispute will be commenced within forty-five (45) business days after the date the payment request in dispute was recorded as being received by City and will be concluded by final decision of City within sixty (60) business days after the date on which the payment request was recorded as being received by City. Such procedures do not constitute an administrative proceeding that prohibits a court from deciding de novo any action arising out of the dispute.

13.6 Purchase Order: Although an Agreement will be executed by City and Contractor for the Services being purchased by City, a purchase order will also be issued to Contractor for the purpose of facilitating payment to Contractor. Except under an "emergency request", Contractor shall not provide any Services to City until Contractor has received a purchase order from City. Contractor shall be permitted to accept an order to provide Services under an emergency purchase without a purchase order; however such request from City must be transmitted to the Contractor via facsimile or e-mail. The written transmission order must be submitted with any payment request submitted by the Contractor for such emergency requests.

13.7 Payments to Sub-Contractors: When Contractor receives from City any payment for Services covered under the Agreement, Contractor must pay such moneys received to each subcontractor or supplier in proportion to the percentage of the Services completed by each subcontractor or supplier within ten (10) business days after Contractor's receipt of the payment. If Contractor receives less than full payment, then Contractor shall be required to disburse only the funds received on a pro rata basis to its subcontractors and suppliers, each receiving a prorated portion based on the amount due on the payment. If a subcontractor receives payment from Contractor for labor, services or materials furnished by subcontractors or suppliers hired by the subcontractor, the subcontractor must remit payment due to those subcontractors or suppliers within seven (7) business days after the subcontractor's receipt of payment from Contractor.

13.8 Records of Costs: Records of costs incurred under terms of this Agreement will be maintained and made available upon request to City at all times during the term of this Agreement and for three (3) years after the expiration or termination of the Agreement or as otherwise be required by Florida law. Copies of these documents and records will be furnished to City upon request. Records of costs incurred will include Contractor's general accounting records and the project records, together with supporting documents and records, of Contractor, their sub-consultants and subcontractors, performing work on the project, and all other records of Contractor, their sub-consultants and subcontractors considered necessary by City for a proper audit of project costs.

13.9 Right to Withhold: Except for issues arising from contract indemnification provisions, City will have the right to retain out of any payment due Contractor under this Agreement an amount sufficient to satisfy any amount due and owing to City by Contractor on any other Agreement between Contractor and City. City may withhold payment on any invoice in the event that Contractor is in default under any provision of this Agreement or any other Agreement between Contractor and City as of the time of processing the invoice or as of the time payment is made available on the invoice. This right to withhold will continue until such time as the default has been cured, and, upon cure, City will have the right to retain an amount equal to the damages suffered as a result of the default.

13.10 Final Payment: Once the Services have been completed, delivered to and accepted by City, and provided there are no outstanding disputes, no outstanding security claims, claims or demands between City and Contractor, Contractor may submit a final payment request to City. Upon receipt of such, City shall pay the retainage withheld to Contractor.

13.11 Retainage: Under such agreement prior to Substantial Completion for the project and pursuant to 255.078, Florida Statutes, City may withhold from each payment made to Contractor an amount of ten percent (10%) of the payment request as retainage until fifty percent (50%) of the

Services have been completed. After fifty percent (50%) completion, City shall reduce the retainage withheld to five percent (5%) until final completion of the Services. After fifty percent (50%) completion of the Services, as noted above, Contractor may present to City a payment request for up to one-half of the retainage held by City. Provided there are no outstanding disputes between City and Contractor, no outstanding surety claims, and no outstanding claims or demands by City or Contractor, City shall make payment to Contractor of such retainage. If City makes payment of retainage to Contractor which is attributable to any sub-contracted services or equipment and materials provided by suppliers, Contractor shall remit payment for such from the retainage to those subcontractors and suppliers.

14.0 Liquidated Damages: If the Services covered under this Agreement are not completed within the time allowed as stipulated herein, plus any extensions thereof, City could incur additional expenses. Since these expenses are difficult to prove in a legal or arbitration proceeding to establish the actual loss suffered by City, instead of requiring any such proof, Contractor agrees that as liquidated damages for any delays (but not as a penalty) it shall pay City the amount based on FDOT Standard Specifications Road and Bridge Construction, 2018 Edition, which shall be **One thousand six hundred Fifty-Five Dollars (\$1655.00)** for each day that expires after the time specified herein for completion. Sundays and legal holidays shall be excluded in determining days in default. Contractor shall not be charged with liquidated damages or any excess cost when the delay in completion of the Work is due to the following, and Contractor has promptly given written notice of such delay to City: (1) to any preference, priority or allocation order duly issued by City, or (2) to unforeseeable causes beyond the control and without the fault or negligence of Contractor, including but not restricted to, acts of God, or of the public enemy, acts of City, acts of another contractor in the performance of a contract for City, fires, floods, epidemics, quarantine restrictions, strikes, freight embargoes and abnormal and unforeseeable weather; and (3) to any delays of subcontractor occasioned by any of the causes specified in (1) and (2) of this Section.

15.1 Warranties:

15.2 Warranty of Ability to Perform: Contractor warrants that, to the best of its knowledge, there are no pending or threatened actions, proceedings, investigations, or any other legal or financial conditions, that would in any way prohibit, restrain, or diminish Contractor's ability to satisfy its obligations under the Agreement.

15.3 Warranty Against Defects in Workmanship: Contractor shall warrant its Services against defects in materials and workmanship for a minimum period of one (1) year starting from substantial completion of the project. Should any defects in materials or workmanship appear during the warranty period, Contractor shall replace the materials or equipment, or repair or re-do the service, immediately upon receipt of written notice from City, at no additional expense to City. Contractor shall warrant such replaced materials or equipment, or repaired or re-done Services, for a period of one (1) year minimum starting from substantial completion of the project.

15.4 Warranty of Standard Care: In the performance of professional services, Contractor will use that degree of care and skill ordinarily exercised by other similar professionals in the field under similar conditions in similar localities. Contractor will use due care in performing its Services and will have due regard for acceptable professional standards and principles. Contractor's standard of care shall not be altered by the application, interpretation, or construction of any other provision of this Agreement. If any of the Services performed by Contractor do not comply with the foregoing warranties and City notifies Contractor of such, then Contractor shall (at its sole expense) promptly re-execute the nonconforming Services. All such re-performed Services shall be performed on a mutually agreed schedule. Contractor shall and does hereby assign to City the benefits of any of Contractor's sub-consultant's or subcontractor's warranties. Such assignment shall not relieve Contractor of its warranty obligations for performance or standard of care to City under this Agreement.

15.5 Warranty of Title: Title to any work product furnished by Contractor under the Agreement shall pass to City to the extent of the payments made for such by City, or on the date that City accepts the completed Services of Contractor. When title passes to City in accordance with the

Agreement, Contractor warrants that the work product furnished will be free and clear of all security interests, liens and encumbrances or claims of any party.

16.0 Public Records: Contractor will keep and maintain public records required by the City to perform the service. Upon request from the City's custodian of public records, Contractor will provide the City with a copy of the requested records or allow the records to be inspected or copied within a reasonable time and at a cost that does not exceed the cost provided in Chapter 119, Florida Statutes, or as otherwise provided by law. Contractor will ensure that the public records that are exempt or confidential and exempt from public records disclosure requirements are not disclosed except as authorized by law for the duration of the term of the Agreement and following completion of the Agreement if Contractor does not transfer the records to the City. Upon completion of the Agreement, Contractor will transfer, at no cost, to the City all public records in possession of the Contractor or keep and maintain public records required by City to perform the service. If Contractor transfers all public records to City upon completion of the Agreement, Contractor shall destroy any duplicate public records that are exempt or confidential and exempt from public records disclosure requirements. If Contractor keeps and maintains public records upon completion of the Agreement, Contractor shall meet all applicable requirements for retaining public records. All records stored electronically must be provided to the City, upon request from the City's custodian of public records, in a format that is compatible with the information technology system of the City. If Contractor does not comply with the City's request for public records, the City shall enforce the provisions of the Agreement in accordance with the terms of the Agreement and may cancel the Agreement.

IF CONTRACTOR HAS QUESTIONS REGARDING THE APPLICATION OF CHAPTER 119, FLORIDA STATUTES, TO CONTRACTOR'S DUTY TO PROVIDE PUBLIC RECORDS RELATING TO THIS AGREEMENT, CONTACT ANGELIA GUY, CITY CLERK, AT 38020 MERIDIAN AVENUE, DADE CITY, FL 33525; EMAIL: AGUY@DADECITYFL.COM; PHONE: (352) 523-5052.

17.1 Insurance: During the term of the Agreement, Contractor, at its sole expense, shall provide insurance of such a type and with such terms and limits as noted below. Providing and maintaining adequate insurance coverage is a material obligation of Contractor. Contractor shall provide City a certificate(s) of insurance, evidencing such coverage.

17.2 Minimum Insurance Requirements: Contractor shall procure and maintain for the duration of the contract insurance against claims for injuries to persons or damages to property which may arise from or in connection with the performance of the work hereunder by Contractor, its agents, representatives, employees or Sub-Contractors. The coverages, limits or endorsements required herein protect the primary interests of City, and these coverages, limits or endorsements shall in no way be required to be relied upon when assessing the extent or determining appropriate types and limits of coverage to protect Contractor against any loss exposures, whether as a result of the project or otherwise. The requirements contained herein, as well as City's review or acknowledgement, is not intended to and shall not in any manner limit or qualify the liabilities and obligations assumed by Contractor under this contract.

17.3 Commercial General Liability: Contractor must obtain an occurrence form policy in limits not less than \$1,000,000 each occurrence, \$1,000,000 products / completed operations each occurrence, \$1,000,000 personal and advertising injury liability, \$50,000 fire damage liability and \$5,000 medical expense.

17.4 Automobile Liability: Contractor must obtain coverage for all vehicles for Bodily Injury and Property Damage of not less than \$1,000,000 combined single limit each accident. In the event Contractor does not own vehicles, Contractor shall maintain coverage for Hired & Non-Owned Auto Liability, which may be satisfied by way of endorsement to the Commercial General Liability policy or separate Business Auto Liability policy.

17.5 Workers Compensation and Employer's Liability:

17.5.1 Contractor must obtain Workers Compensation insurance with limits in compliance with applicable state and federal laws; if any operations are to be undertaken on or about navigable waters, coverage must be included for the US Longshoremen & Harbor Workers Act. Employer's Liability limits for not less than \$100,000 each accident \$500,000 disease policy limit and \$100,000 disease each employee must be included.

17.5.2 For any officer of a Contractor that has exempt status as an individual, City requires proof of workers' compensation insurance coverage for that contractor/employer/owner's employees. If Contractor/employer/owner or individual has applied for a workers' compensation exemption, City does not recognize this exemption to extend to the employees of Contractor/employer/owner.

17.5.3 The purpose of this section is to ensure that all contractors, subcontractors, sole proprietors, or business entities of any kind who contract with City for provision of goods or services, provide workers' compensation coverage for all employees, and principles of subcontractors, subcontractors, sole proprietors, or other business entities. All provisions of this Section shall be construed in accord with this intent.

17.6 Other Insurance Provisions:

17.6.1 Contractor shall provide a Certificate of Insurance to City with a thirty (30) day notice of cancellation, ten (10) day notice if cancellation is for nonpayment of premium. The certificate shall indicate if coverage is provided under a "claims-made" or "occurrence" form. If any coverage is provided under a claims-made form, the certificate will show a retroactive date, which should be the same date of the contract (original if contract is renewed) or prior.

17.6.2 The project's Bid number should be noted on the certificate.

17.6.3 Contractor has sole responsibility for all insurance premiums and shall be fully and solely responsible for any costs or expenses as a result of a coverage deductible, co-insurance penalty, or self-insured retention; including any loss not covered because of the operation of such deductible, co-insurance penalty, self-insured retention, or coverage exclusion or limitation. For deductible or self-insured amounts that exceed \$10,000, Contractor shall maintain a Commercial Surety Bond or Letter of Credit in an amount equal to said deductible or self-insured retention.

17.6.4 All required insurance policies must be maintained until the contract work has been accepted by City. In addition, a minimum 30-day notification clause is required if any changes in policy language occur, or in the event the policy is canceled.

17.6.5 The City of Dade City, Florida, a municipality of the State of Florida, Florida Department of Transportation (FDOT), its officials, employees and volunteers are to be covered as an Additional Insured on all policies except Workers Compensation. The coverage shall contain no special limitation on the scope of protection afforded to City, its officials, employees or volunteers.

17.6.6 Contractor's insurance coverage shall be primary insurance as respects City, its officials, employees and volunteers. Any insurance or self-insurance maintained by City, its officials, employees or volunteers shall be excess of Contractor's insurance and shall be non-contributory.

17.6.7 For all policies of insurance: Contractor, and its insurance carrier, waive all subrogation rights against City for all losses or damages that occur during the contract and for any events occurring during the contract period, whether the suit is brought during the contract period or not. City requires General Liability policies to be endorsed with CG 24 04 Waiver of Transfer of Rights of Recovery Against Others to Us or similar endorsement, and a WC 00 0313 Waiver of our Right to Recover from Others for Workers Compensation coverage.

17.6.8 Certificate Holder should read as follows: City of Dade City, Florida, a municipality of the State of Florida, 38020 Meridian Avenue, Dade City, FL 33525.

17.6.9 It is Contractor's responsibility to insure that all Sub-Contractors comply with these insurance requirements. Contractors shall include all Sub-Contractors as insured under its policies or shall furnish separate certificates and endorsements for each Sub-Contractor. All coverages for subcontractors shall be subject to all of the requirements stated herein.

17.6.10 All required insurance policies must be written with a carrier having a minimum A.M. Best rating of A-.

17.6.11 All Certificates must show that Contractor's policies have been endorsed per the requirements.

18.0 Indemnification: Contractor shall indemnify, save and hold harmless City, all its officers, agents or employees, and the Engineer of Record (EOR) from and against any and all causes of action, demands, claims, losses, liabilities and expenditures of any nature whatsoever, including defense costs and fees, caused by the intentional or negligent act of, or omission of, Contractor, its subcontractors, agents or employees or accruing, resulting from, or related to the subject matter of this Agreement including, without limitation, any and all claims, losses, liabilities, expenditures, demands or causes of action of any nature whatsoever resulting from injuries or damages sustained by any person or property. Neither Contractor nor any of its agents will be liable under this section for damages arising out of injury or damage to persons or property directly caused or resulting from the sole negligence of City or any of its officers, agents or employees. In the event any lawsuit or other proceeding is brought against City by reason of any such claim, cause of action or demand, Contractor shall, upon written notice from City, resist and defend such lawsuit or proceeding by counsel satisfactory to City or, at City's option, pay for an attorney selected by City to defend City. This indemnification includes attorney's fees and all costs of litigation including appellate attorney's fees and costs as well as any judgments. The parties agree that this clause shall not waive the benefits or provisions of Section 768.28, Florida Statutes, or any similar provision of law. The provisions and obligations of this section shall survive the expiration or earlier termination of this Agreement. To the extent considered necessary by City, any sums due Contractor under this Agreement may be retained by City until all of City's claims for indemnification pursuant to this Agreement have been settled or otherwise resolved; and any amount withheld shall not be subject to payment of interest by City.

19.0 Change Orders: City may at any time, as the need arises, order changes within the scope of the services without invalidating the Agreement. If such changes result in an increase or decrease in the Contract Price, or in the time required for performance of the Services, an equitable adjustment shall be authorized by way of a Change Order. City also may at any time, by issuing a Field Order, make changes in the details of the Services. Contractor shall proceed with the performance of any changes in the Services so ordered by City unless Contractor believes that such Field Order entitles it to a change in Contract Price or Time, or both, in which event Contractor shall give City written notice thereof within fifteen (15) calendar days after the receipt of the ordered change, and Contractor shall not execute such changes pending the receipt of an executed Change Order or further instruction from City. Change orders must be approved by the Department before any additional work is done.

20.0 Termination of Agreement: Either party may terminate this Agreement by giving the other party thirty (30) days written notice. In the event of termination, City will be responsible for compensating Contractor only for those Services satisfactorily completed or partially completed up to the date of termination. Contractor shall not be entitled to compensation for loss of anticipated profit.

21.0 Licenses and Certifications: Contractor, or its subcontractor(s), shall possess and maintain during the term of this Agreement any and all licenses required to perform the Services covered under this Agreement, as stipulated by the State of Florida and Pasco County, Florida.

22.1 Payment and Performance Bonds:

22.2 Contractor shall be required to provide City with Payment and Performance Bonds, each in the amount of one hundred twenty-five (125%) percent of Contractor's total Contract Price, as evidence of faithful performance of this Agreement. Upon execution of this Agreement, Contractor shall have ten (10) business days to provide the Payment and Performance Bonds to City, at which time

Contractor's Bid Security shall be returned to Contractor. If the Payment and Performance Bonds are not delivered to City within the stipulated time frame, Contractor shall be considered in default of this Agreement, and City shall have the right to cancel the Agreement and utilize the proceeds from Contractor's Bid Security to pay for expenses incurred by City as a result of such default.

22.3 Contractor is responsible for recording the Payment and Performance Bonds in the official records of Pasco County. Contractor shall deliver two (2) certified copies of the Bonds as recorded by the Clerk of Court.

22.4 The Bonds shall be in the form prescribed in Section 255.05 Florida Statutes. The rating of the surety company shall be rated A.M. Best's Rating of A-, VI or better. The surety company executing the Bonds must be authorized to transact business in the State of Florida. Attorney-in-Fact who signs the Bonds must file with each Bond a certified and effective date copy of their Power of Attorney. The Bonds must show the name, address and phone number of Contractor, Surety Company and City. Furthermore, the Bonds must indicate the Bid Number, a general description of the project, and the address of the Project Site.

22.5 Should there be an increase in Contractor's total Price by more than ten percent (10%), Contractor shall be required to amend the value of the Payment and Performance Bonds accordingly. Contractor is responsible for recording the amended Bonds in the public records of Pasco County. Contractor shall deliver two (2) certified copies of the amended Bonds, as recorded by the Clerk of Court to the City.

23.1 Additional Terms and Conditions:

23.2 Advertising: Subject to Chapter 119, Florida Statutes, Contractor shall not publicly disseminate any information concerning the Agreement without prior written approval from City, including, but not limited to mentioning the Agreement in a press release or other promotional material, identifying City as a reference, or otherwise linking Contractor's name and either a description of the Agreement or the name of City in any material published, either in print or electronically, to any entity that is not a party to the Agreement.

23.3 Assignment: Neither City nor Contractor shall sell, assign or transfer any of its rights, duties or obligations under the Agreement without the prior written consent of the other Party. In the event of any assignment, Contractor remains secondarily liable for performance of the Agreement, unless City expressly waives such secondary liability.

23.4 Bankruptcy or Insolvency: Contractor shall promptly notify City in writing of the filing of any voluntary or involuntary petition for bankruptcy and/or of any insolvency of Contractor or any of its subcontractors who are involved in the provision of the Services under this Agreement.

23.5 Compliance with Laws: Contractor shall comply with all laws, rules, codes, ordinances, and licensing requirements that are applicable to the conduct of its business, including those of Local, State and Federal agencies having jurisdiction and authority. These laws, shall include, but not be limited to, Chapter 287, Florida Statutes, the Uniform Commercial Code, the Immigration and Nationalization Act, the Americans with Disabilities Act, the United States Occupational Safety and Health Act, the United States Environmental Protection Agency, the State of Florida Department of Environmental Protection, and all prohibitions against discrimination on the basis of race, religion, sex, creed, national origin, handicap, marital status, sexual orientation, gender identity or expression or veteran's status. Violation of such laws shall be grounds for termination of the Agreement.

23.6 Conflict of Interest: Contractor covenants that it presently has no interest and shall not acquire any interest which would conflict in any manner of degree with the performance of the Services covered under this Agreement. Furthermore, Contractor warrants that it has not employed or retained any company or person, other than a bona fide employee working solely for Contractor to solicit or secure this Agreement and that it has not paid or agreed to pay any person, company, corporation, individual, or firm, other than a bona fide employee working solely for Contractor any fee, commission, percentage, gift or other consideration contingent upon or resulting from the award or making of this Agreement. Contractor, and its subcontractors at any tier, certify that they have not

entered into any contract, sub-contract, or arrangement in connection with the Project covered under this Agreement, or of any property included or planned to be included in the Project, in which any member, officer, or employee of Contractor or its subcontractors, during its tenure, or for two years thereafter, has any interest, direct or indirect. Contractor, and its subcontractors at any tier, shall insert the following provision into each of their contracts and sub-contracts:

"No member, officer, or employee of the subcontractor, during their tenure or for two years thereafter, shall have any interest, direct or indirect, in this contract or the proceeds thereof."

23.7 Correction of Services: Contractor shall promptly remove from the premises all Services rejected by City for failure to comply with the Contract Documents, whether incorporated into the Project or not, and Contractor shall promptly replace and re-execute the Services in accordance with the Contract Documents, without additional expense to City, and shall bear the expense of making good all Services of other contractor's work destroyed or damaged by such removal or replacement. All removal and replacement of Services shall be done at Contractor's expense. If Contractor does not take action to remove such rejected Services within ten (10) calendar days after receipt of written notice from City, City may remove such Services on their own and store the materials at the expense of Contractor.

23.8 City and State Funds: If sufficient funding is not available for Contractor to complete the Services, City reserves the right to modify the terms and conditions of the Agreement to change the Scope of Services to reduce the cost to match any available funding. If such modifications to the Scope of Services are not feasible, or if funding has been totally exhausted prior to Contractor's completion of its Services, the Agreement shall be terminated on terms reasonably acceptable to both parties. Additionally, in accordance with Section 216.347, Florida Statutes, and as provided herein, Contractor may not expend any City funds for the purpose of lobbying the legislature, or local, state or federal agencies.

23.9 Debarment: Contractor certifies to the best of its knowledge and belief, that it and its principals 1) are not presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from covered transactions by any Municipal, City, State or Federal department or agency, 2) have not, within a three-year period preceding execution of this Agreement, been convicted of or had a civil judgment rendered against them for commission of fraud or a criminal offense in connection with obtaining, attempting to obtain, or performing a public (Federal, State or local) transaction or contract under a public transaction; violation of Federal or State antitrust statutes or commission of embezzlement, theft, forgery, bribery, falsification or destruction of records; making false statements; or receiving stolen property, 3) are not presently indicted for or otherwise criminally or civilly charged by a governmental entity (Federal, State or local) with commission of any of the offenses enumerated above, 4) have not within a three-year period preceding execution of this Agreement had one or more public transactions (Federal, State or local) terminated for cause or default, and 5) will advise City immediately if their status changes and will provide an explanation for the change in status.

22.9 Direct Purchase: City purchases materials, equipment and supplies directly from the Contractor's supplier instead of through Contract, forgoing the payment of sales and use taxes.

22.10 Discriminatory Vendor: Contractor certifies that they are not subject to Section 287.134 (2)(a) which specifies that an entity or affiliate who has been placed on the discriminatory vendor list may not submit a bid on a contract to provide any goods or services to a public entity, may not submit a Bid on a contract with a public entity for the construction or repair of a public building or public work, may not be awarded or perform work as a contractor, supplier, sub-contractor, or consultant under a contract with any public entity, and may not transact business with public entity.

23.11 Disposal of Wastes: Contractor shall handle any waste materials generated in the performance of the Services in full compliance with all laws, regulations, and requirements of all governmental authorities and those of City. Contractor shall use only disposal facilities which have proper permits and are in full compliance with all Laws. Contractor agrees that City has the right to reject, for any reason, Contractor's use of any particular disposal facility.

23.12 Dispute Resolution: For any dispute concerning performance of the Agreement, which includes without limitation controversies based upon breach of contract, mistake, misrepresentation, or other cause for contract modification or rescission, City shall attempt to reach a mutual agreement as to the settlement and resolution of the dispute with Contractor. Should a mutual agreement not be reached, City shall render a decision and reduce such to writing and serve a copy on Contractor. The decision shall be final and conclusive.

23.13 Documentation: All tracings, plans, specifications, maps, computer files and/or reports prepared or obtained under this Agreement, as well as all data collected, together with summaries and charts derived there from, will be considered works made for hire and will become the property of City upon expiration or termination of the Agreement without restriction or limitation on their use. Upon delivery to City of said document(s), City will become the custodian thereof in accordance with Chapter 119, Florida Statutes. Contractor will not copyright any material and products or patent any invention developed under this Agreement. Copies of these documents are not to be sold or distributed to third parties without the written consent of City.

23.14 Drug Free Workplace: Contractor certifies that it has in place a Drug-Free Workplace Program in accordance with the Drug-Free Workplace Act of 1988 (41 U.S.C. 702-706).

23.15 Employees, Subcontractors and Agents: All Contractor employees, subcontractors, and agents performing any of the Services under the Agreement shall be properly trained to meet or exceed any specified training qualifications. Upon request, Contractor shall furnish a copy of certification or other proof of qualification. All employees, subcontractors, and agents of Contractor must comply with all security and administrative requirements of City. City may conduct, and Contractor shall cooperate in, a security background check or otherwise assess any employee, subcontractor, and agent of Contractor. City may refuse access to, or require replacement of, any of Contractor's employee, subcontractor and agent for cause, including, but not limited to, technical or training qualifications, quality of services, change in security status, or non-compliance with City's security or other requirements. Such refusal shall not relieve Contractor of its obligation to perform all Services in compliance with the Agreement. City may reject and bar from any facility for cause any of Contractor's employees, subcontractors, or agents. City shall have the right to review and approve any subcontractor used by Contractor. Contractor shall be fully responsible to City for the acts and omissions of its subcontractors, and persons directly or indirectly employed by them. It is Contractor's responsibility to ensure that their subcontractors are properly licensed to do business in the State of Florida and Pasco County, as required by law.

23.16 Environmental Issues: All notifications regarding environmental issues or requirements shall be sent immediately to City's Contact Person. Unless directed otherwise by City, Contractor is not to contact any local, state or federal governmental agencies concerning environmental issues involving the Project Site.

23.17 Equal Employment Opportunity: Contractor shall not discriminate on the basis of race, color, sex, age, national origin, religion, and disability or handicap in accordance with the Provisions of: Title VI of the Civil Rights Act of 1964 (42 U.S.C. § 2000 et seq.), Title VII of the Civil Rights Act of 1968 (42 U.S.C. § 3601 et seq.), Florida Civil Rights Act of 1992 (§ 760.10 et seq.), Title 41 CFR Part 60 for compliance with Executive Orders 11246 and 11375, Title 49 CFR 23 and Title 49 CFR 26 for Disadvantaged Business Enterprises, Age Discrimination Act of 1975 (42 U.S.C. § 6101, et seq.), Title 49 CFR 21 and Title 49 CFR 23, Nondiscrimination on the basis of handicap, Title 49 CFR 27, Americans with Disabilities Act of 1990 (42 U.S.C. 12102, et. seq.), Federal Fair Labor Standards Act (29 U.S.C. § 201, et seq.), and any other Federal and State discrimination statutes. Contractor shall furnish pertinent information regarding its employment policies and practices as well as those of their proposed subcontractors as the State of Florida Department of Transportation, the Secretary of Labor, or City may require. The above shall be required of any subcontractor hired by Contractor. All Equal Employment Opportunity requirements shall be included in all non-exempt sub-contracts entered into by Contractor. Sub-contracts entered into by Contractor shall also include all other applicable labor provisions. No sub-contract shall be awarded to any non-complying subcontractor. Additionally, Contractor shall insert in its sub-contracts a clause requiring subcontractors to include these provisions in any lower tier sub-contracts that may in turn be made. Contractor shall comply

with all state laws and local ordinances, except that any preferential consideration of local in-state subcontractors is NOT allowed.

23.18 E-Verification System: Contractor shall comply with the Executive order No. 12989 as amended, and Executive Order No. 11-116, and agrees to utilize the U.S. Department of Homeland Security's E-Verify system, <https://e-verify.uscis.gov/emp>, to verify the employment eligibility of: (1) all persons employed by Contractor during the contract term to perform any duties within Florida, and; (2) all persons, including subcontractors, assigned by Contractor to perform work pursuant to this Contract. Contractors meeting the terms and conditions of the E-Verify System are deemed to be in compliance with this provision.

23.19 Force Majeure Event: Neither party shall be considered to be in default in the performance of its obligations under this Agreement, except obligations to make payments with respect to amounts already accrued, to the extent that performance of any such obligations is prevented or delayed by any cause, existing or future, which is beyond the reasonable control, and not a result of the fault or negligence of, the affected party (a "Force Majeure Event"). If a party is prevented or delayed in the performance of any such obligations by a Force Majeure Event, such party shall immediately provide notice to the other party of the circumstances preventing or delaying performance and the expected duration thereof. Such notice shall be confirmed in writing as soon as reasonably possible. The party so affected by a Force Majeure Event shall endeavor, to the extent reasonable, to remove the obstacles which prevent performance and shall resume performance of its obligations as soon as reasonably practicable. A Force Majeure Event shall include, but not be limited to acts of civil or military authority (including courts or regulatory agencies), act of God (excluding normal or seasonal weather conditions), war, riot, or insurrection, inability to obtain required permits or licenses, hurricanes and severe floods.

23.20 Governing Law and Venue: The Agreement shall be governed in accordance with the laws of the State of Florida. In the event of litigation with respect to the obligation of the parties to the Agreement, the jurisdiction and venue of such action shall be an appropriate State Court in Pasco County, Florida.

23.21 Governmental Restrictions: If Contractor believes that any governmental restrictions have been imposed that require alteration of the materials used, the quality, workmanship or performance of the Services offered under the Agreement, Contractor shall immediately notify City in writing, indicating the specific restriction. City reserves the right and the complete discretion to accept any such alteration or to cancel the Agreement at no further expense to City.

23.22 Immigration and Nationality Act: Contractor shall comply with all immigration laws as outlined in 8 USC § 1324a - Unlawful employment of aliens. City will not intentionally award City contracts to any Contractor who knowingly employs unauthorized Alien workers. Any violation of the employment provisions outlined in the Immigration and Nationality Act throughout the term of any Agreement with City may result in immediate termination of the Agreement. City will consider the employment of unauthorized aliens a violation of Section 274A (e) of the Immigration and Nationality Act. Such violation will be cause for unilateral cancellation of the Agreement, by City, if Contractor knowingly employs unauthorized aliens.

23.23 Inspection, Performance, and Supervision: City reserves the right to inspect the Services provided by Contractor, whether partially or fully completed, at any time, as deemed appropriate by City for the purpose of ensuring Contractor's performance under the Agreement. Such inspections performed by City, shall not be construed as a final approval of Contractor's Service, and shall not relieve Contractor from its obligations under the Agreement. City reserves the right to inspect, at any reasonable time with prior notice, Contractor's facilities to assess conformity of the provision of the Services with the Agreement requirements. City reserves the right to investigate or inspect, at any time, whether the provision of the Services complies with the Agreement requirements. Contractor shall at all times during the Agreement term remain responsive and responsible. Contractor must be prepared, if requested by City, to present evidence of experience, ability, and financial standing, as well as a statement as to capacity of Contractor for the performance of the provision of the Services covered under the Agreement. This paragraph shall not mean or imply that it is obligatory upon City to make an investigation either before or after award of the Agreement, but should City elect to do so,

Contractor is not relieved from fulfilling all Agreement requirements. Contractor shall supervise and direct the performance of its Services and shall be solely responsible for the means, methods, techniques, sequences, and safety of construction. Contractor will employ and maintain at the Project Site a qualified supervisor or superintendent who shall have been designated in writing by Contractor as the Contractor's representative at the Project Site. The supervisor or superintendent shall have full authority to act on behalf of Contractor and all communications given to the supervisor or superintendent shall be as binding as if given directly to Contractor. The supervisor or superintendent shall be present on the Project Site at all times as required to perform adequate supervision and coordination of the Contractor's Services.

23.24 Lawful Claims and Demands: Should any outstanding claims by subcontractors or suppliers incurred in the performance of the Services materialize after City has made Payment to Contractor, Contractor will indemnify and save City harmless from such claims. Acceptance by Contractor of payment shall be and shall operate as a release to City of all claims and all liabilities to Contractor, other than claims in stated amounts as may be specifically excepted by Contractor for things done or furnished in connection with the provision of the Services, and for every act and neglect of City and others relating to or arising out of the provision of the Services covered under this Agreement. Any payment, whether final or otherwise, shall not release Contractor or his sureties from any obligations under the Agreement.

23.25 Lobbying: Contractor shall not, in connection with the Agreement, directly or indirectly (1) offer, confer, or agree to confer any pecuniary benefit on anyone as consideration for any City officer or employee's decision, opinion, recommendation, vote, other exercise of discretion, or violation of a known legal duty, or (2) offer, give, or agree to give to anyone any gratuity for the benefit of, or at the direction or request of, any City officer or employee. For purposes of clause (2), "gratuity" means any payment of more than nominal monetary value in the form of cash, travel, entertainment, gifts, meals, lodging, loans, subscriptions, advances, deposits of money, Services, employment, or contracts of any kind.

23.26 Workforce Labor: City believes that the hiring of workforce labor by contractors to whom City awards contracts should, to the maximum extent, be citizens within its boundaries that are unemployed or seeking work for the first time. To that extent, City has agreed to notify Pasco Workforce Connection of all awards involving construction and other types of services. Pasco Workforce Connection is a local business-led organization that plans and coordinates quality employment and training services for businesses and individual career seekers in Pasco County. Contractor will be contacted by Pasco Workforce Connection, to discuss hiring through its staff and services. Contractor's participation with Pasco Workforce Connection is not required as a condition of this Agreement, but rather an opportunity for greater support for the community of Pasco County and Contractor in hiring assistance.

23.27 Materials, Services, and Facilities: It is understood that, except as otherwise specifically stated in the Contract Documents, Contractor shall provide and pay for all materials, labor, tools, equipment, water, light, power, transportation, supervision, temporary construction of any nature, and all other services and facilities of any nature whatsoever necessary to execute, complete, and deliver the Services within the specified time.

23.28 Non-Collusion: Contractor agrees that neither it, nor any of its officers, partners, agents or employees have entered into any agreement, participated in any collusion, or otherwise taken any action which is in restraint of a free competitive solicitation in connection with this Agreement, and that Contractor intends to do the work with its own bona fide employees or subcontractors and has not provided a response for the benefit of another contractor. Furthermore, Contractor certifies that its affiliates, subsidiaries, directors, officers, and employees are not currently under investigation by any governmental authority and have not in the last ten (10) years been convicted or found liable for any act prohibited by law in any jurisdiction, involving conspiracy or collusion with respect to submitting a response on any public contract.

23.29 Project Site Conditions: Contractor shall be deemed to have examined the Project Site, if applicable and to have secured full knowledge of all conditions under which the Services are to be executed and completed.

23.30 Protection of Persons: Contractor will be responsible for the safety of its employees and the employees of its subcontractors, during the provision of the Services. Contractor will be responsible for initiating, maintaining and supervising all safety programs in connection with the provision of the Services in accordance with applicable safety standards and regulations, as promulgated by the United States Occupational Safety and Health Act. Contractor shall report promptly to City any accident or unusual occurrence during performance of the Services, including personal injury or death to any Contractor employee, subcontractor employee or any member of the public, or any damage to any of City's property, the Project Site, or adjacent property.

23.31 Public Entity Crime: Pursuant to Section 287.133, Florida Statute, a person or affiliate who has been placed on the convicted vendor list following a conviction for a public entity crime may not submit a bid, proposal, or reply on a contract to provide any goods or services to a public entity; may not submit a bid, proposal, or reply on a contract with a public entity for the construction or repair of a public building or public work; may not submit bids, proposals, or replies on leases of real property to a public entity; may not be awarded or perform work as a contractor, supplier, subcontractor, or consultant under a contract with any public entity; and may not transact business with any public entity in excess of the threshold amount provided in s. 287.017, Florida Statutes, for CATEGORY TWO for a period of 36 months following the date of being placed on the convicted vendor list.

23.32 Relationship: Contractor is an independent Contractor to City in the provision of the Services under this Agreement and is not an employee, agent, joint-venture, or partner of City.

23.33 Risk of Loss: Until the Services have been accepted by City, risk of loss or damage to any materials, equipment, supplies or work product, whether partially or fully completed, that are associated with the Services shall remain with Contractor.

23.34 Schedules, Reports and Records: Contractor shall submit to City cost schedules, progress schedules, estimates, records, reports, and any other data, as related to the provision of the Services covered under the Agreement. Furthermore, City reserves the right to inspect and audit Contractor's books and records relating to the Agreement, when deemed appropriate by City. All schedules, reports and records of Contractor, as they relate to the Agreement, shall be retained by Contractor for a period of three (3) years from the date of final payment under the Agreement.

23.35 Security and Confidentiality: Contractor shall comply fully with all security procedures of City in the performance of the Agreement. Contractor shall not divulge to third parties any information obtained by Contractor or its agents, distributors, resellers, subcontractors, officers or employees in the course of the provision of the Services without the written consent of City. However, Contractor shall be permitted to release information to third parties if such information is publicly available through no fault of Contractor, information that Contractor developed independently without relying on City's information, or information that is otherwise obtainable under State and Federal law as a public record. To insure confidentiality, Contractor shall take appropriate measures as to its personnel, agents, and subcontractors. The warranties of this paragraph shall survive the Agreement.

23.36 Severability: If a court deems any provision of the Agreement void or unenforceable, that provision shall be enforced only to the extent that it is not in violation of law or is not otherwise unenforceable and all other provisions shall remain in full force and effect.

23.37 Survival: All express representations, waivers, indemnifications, and limitations of liability included in this Agreement will survive it's completion or termination for any reason.

23.38 Taxes: Contractor shall pay all sales, consumer, use and other similar taxes required to be paid by Contractor in accordance with the laws and regulations of the State of Florida which are applicable to the provision of the Services under the Agreement. City will not pay for any personal property taxes levied on Contractor or for any taxes levied on Contractor's employees' wages. City is a municipality of the State of Florida and holds a State of Florida Sales Tax Exemption Certificate (No. 85-8012621556C-3). All purchases made by City directly from a dealer, distributor or manufacturer for materials, equipment or supplies ("direct purchase"), instead of through the Contractor, are exempt from sales, consumer, use and other similar taxes.

23.39 Waiver: The delay or failure by City to exercise or enforce any of its rights under this Agreement shall not constitute or be deemed a waiver of City's right thereafter to enforce those rights, nor shall any single or partial exercise of any such right preclude any other or further exercise thereof or the exercise of any other right by City.

24.0 Authority: Each person signing the Agreement warrants that he or she is duly authorized to do so and to bind the respective party to the Agreement.

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IN WITNESS WHEREOF, this Agreement is accepted by the parties as of the date noted below.

CONTRACTOR

Signature of Witness (1)

Printed Name of Witness (1)

Signature of Witness (2)

BY: _____

Printed Name of Witness (2)

STATE OF _____

COUNTY OF _____

I HEREBY CERTIFY that on this day, before me, an officer duly authorized in the State and County aforesaid to take acknowledgements, personally appeared _____ of _____ who is personally known to me or who has produced _____ as identification.

WITNESS my hand and official seal this the _____ day of _____, 2018.

NOTARY PUBLIC
Printed Name: _____
Commission No.: _____
Expiration Date: _____

DADE CITY, FLORIDA, A MUNICIPALITY OF THE STATE OF FLORIDA

ATTEST:

ANGELIA GUY, CLERK

BY: _____
CAMILLE S. HERNANDEZ, MAYOR

DATE: _____

APPROVED AS TO FORM

NANCY STUPARICH

BIDDER'S REPRESENTATION AND CERTIFICATION FORM

NAME OF BIDDER: _____

In submitting a Bid, Bidder understands, represents, and certifies the following (if the Bidder cannot so certify to any of following, the Bidder shall submit with its Bid a written explanation of why it cannot do so). If City finds, before or after Award of the Bid that Bidder was not truthful concerning any of the following, City shall have the right to terminate the Award without liability and, at its discretion, to seek damages from Bidder, if damages result to the City from such act, in any way what so ever.

Compliance with Laws: Bidder shall comply with all laws, rules, codes, ordinances, and licensing requirements that are applicable to the conduct of its business, including those of Local, State and Federal agencies having jurisdiction and authority. These laws, shall include, but not be limited to, Chapter 287, Florida Statutes, the Uniform Commercial Code, the Immigration and Nationalization Act, the Americans with Disabilities Act, the United States Occupational Safety and Health Act, the United States Environmental Protection Agency, the State of Florida Department of Environmental Protection, and all prohibitions against discrimination on the basis of race, religion, sex, creed, national origin, handicap, marital status, sexual orientation, gender identity or expression or veteran's status. Violation of such laws shall be grounds for termination of the Agreement.

Initial _____

Conflict of Interest: Bidder covenants that it presently has no interest and shall not acquire any interest which would conflict in any manner of degree with the performance of the Services covered under this Agreement. Furthermore, Bidder warrants that it has not employed or retained any company or person, other than a bona fide employee working solely for Bidder to solicit or secure this Agreement and that it has not paid or agreed to pay any person, company, corporation, individual, or firm, other than a bona fide employee working solely for Bidder any fee, commission, percentage, gift or other consideration contingent upon or resulting from the award or making of this Agreement. Bidder, and its subcontractors at any tier, certify that they have not entered into any contract, sub-contract, or arrangement in connection with the Project covered under this Agreement, or of any property included or planned to be included in the Project, in which any member, officer, of employee of Bidder or its subcontractors, during its tenure, or for two years thereafter, has any interest, direct or indirect. Bidder, and its subcontractors at any tier, shall insert the following provision into each of their contracts and sub-contracts:

"No member, officer, or employee of the Sub-Contractor, during their tenure or for two years thereafter, shall have any interest, direct or indirect, in this contract or the proceeds thereof."

Initial _____

Convictions: Bidder has fully informed Owner of all convictions of the firm, its affiliates (as defined in section 287.133(1) (a), Florida Statutes), and all directors, officers, and employees of the firm and its affiliates for violation of state or federal antitrust laws with respect to a public contract for violation of any state or federal law involving fraud, bribery, collusion, conspiracy or material misrepresentation with respect to a public contract. This includes disclosure of the names of current employees who were convicted of contract crimes while in the employ of another company.

Initial _____

Debarment: Bidder certifies to the best of their knowledge and belief, that they and their principals 1) are not presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from covered transactions by any Municipal, City, State or Federal department or agency, 2) have not, within a three-year period preceding execution of this Agreement, been convicted of or had a civil judgment rendered against them for commission of fraud or a criminal offense in connection with obtaining, attempting to obtain, or performing a public (Federal, State or local) transaction or contract under a public transaction; violation of Federal or State antitrust statutes or commission of embezzlement, theft, forgery, bribery, falsification or destruction of records; making false statements; or receiving stolen property, 3) are not presently indicted for or otherwise criminally or civilly charged by a governmental entity (Federal, State or local) with commission of any of the offenses enumerated above, 4) have not within a three-year period preceding execution of this Agreement had one or more public transactions (Federal, State or local) terminated for cause or default, and 5) will advise City immediately if their status changes and will provide an explanation for the change in status.

Initial _____

Discriminatory Vendor: Bidder certifies that it is not subject to Section 287.134 (2)(a) which specifies that an entity or affiliate who has been placed on the discriminatory vendor list may not submit a bid on a contract to provide any goods or services to a public entity, may not submit a bid on a contract with a public entity for the construction or repair of a public building or public work, may not be awarded or perform work as a contractor, supplier, Sub-Contractor, or consultant under a contract with any public entity, and may not transact business with public entity.

Initial _____

BIDDER'S REPRESENTATION AND CERTIFICATION FORM

Drug Free Workplace: Bidder certifies that it has a Drug-Free Workplace Program in accordance with the Drug-Free Workplace Act of 1988. (41 U.S.C. 702-706)

Initial _____

Equal Employment Opportunity: Bidder shall not discriminate on the basis of race, color, sex, age, national origin, religion, and disability or handicap in accordance with the Provisions of: Title VI of the Civil Rights Act of 1964 (42 U.S.C. § 2000 et seq.), Title VII of the Civil Rights Act of 1968 (42 U.S.C. § 3601 et seq.), Florida Civil Rights Act of 1992 (§ 760.10 et seq.), Title 41 CFR Part 60 for compliance with Executive Orders 11246 and 11375, Title 49 CFR 23 and Title 49 CFR 26 for Disadvantaged Business Enterprises, Age Discrimination Act of 1975 (42 U.S.C. § 6101, et seq.), Title 49 CFR 21 and Title 49 CFR 23, Nondiscrimination on the basis of handicap, Title 49 CFR 27, Americans with Disabilities Act of 1990 (42 U.S.C. 12102, et. seq.), Federal Fair Labor Standards Act (29 U.S.C. § 201, et seq.), and any other Federal and State discrimination statutes. Bidder shall furnish pertinent information regarding its employment policies and practices as well as those of their proposed subcontractors as the State of Florida Department of Transportation, the Secretary of Labor, or City may require. The above shall be required of any Sub-Contractor hired by Bidder. All Equal Employment Opportunity requirements shall be included in all non-exempt sub-contracts entered into by Bidder. Sub-contracts entered into by Bidder shall also include all other applicable labor provisions. No sub-contract shall be awarded to any non-complying Sub-Contractor. Additionally, Bidder shall insert in its sub-contracts a clause requiring subcontractors to include these provisions in any lower tier sub-contracts that may in turn be made. Bidder shall comply with all state laws and local ordinances, except that any preferential consideration of local in-state subcontractors is NOT allowed.

Initial _____

E-Verification System: Bidder shall comply with the Executive Order No. 12989 as amended, and Executive Order No. 11-116, and agrees to utilize the U.S. Department of Homeland Security's E-Verify system, <https://e-verify.uscis.gov/emp>, to verify the employment eligibility of one (1) all persons employed by the Bidder during the contract term to perform any duties within Florida; and two (2) all persons, including subcontractors, assigned by the Bidder to perform work pursuant to this Contract. Bidders meeting the terms and conditions of the E-Verify System are deemed to be in compliance with this provision.

Initial _____

Gopher Tortoise Relocation

If necessary it shall be the Contractors responsibility to obtain and comply with a Standard Gopher Tortoise Relocation Permit from the Florida Fish and Wildlife Conservation Commission, pursuant to Rules 68A-9.002, 68A-25.002 and 68A-27.004, F.A.C.

Initial _____

Immigration and Nationality Act: Bidder shall comply with all immigration laws as outlined in [8 USC § 1324a - Unlawful employment of aliens](#). City will not intentionally award City contracts to any Bidder who knowingly employs unauthorized Alien workers. Any violation of the employment provisions outlined in the Immigration and Nationality Act throughout the term of any Agreement with City may result in immediate termination of the Agreement. City will consider the employment of unauthorized aliens a violation of Section 274A (e) of the Immigration and Nationality Act. Such violation will be cause for unilateral cancellation of the Agreement, by City, if Contractor knowingly employs unauthorized aliens.

Initial _____

Lobbying: Bidder shall not, in connection with the Agreement, directly or indirectly (1) offer, confer, or agree to confer any pecuniary benefit on anyone as consideration for any City officer or employee's decision, opinion, recommendation, vote, other exercise of discretion, or violation of a known legal duty, or (2) offer, give, or agree to give to anyone any gratuity for the benefit of, or at the direction or request of, any City officer or employee. For purposes of clause (2), "gratuity" means any payment of more than nominal monetary value in the form of cash, travel, entertainment, gifts, meals, lodging, loans, subscriptions, advances, deposits of money, Services, employment, or contracts of any kind.

Initial _____

Non-Collusion: Bidder agrees that neither it, nor any of its officers, partners, agents or employees have entered into any agreement, participated in any collusion, or otherwise taken any action which is in restraint of a free competitive solicitation in connection with this Agreement, and that Bidder intends to do the work with its own bona fide employees or subcontractors and has not provided a response for the benefit of another contractor. Furthermore, Bidder certifies that its affiliates, subsidiaries, directors, officers, and employees are not currently under investigation by any governmental authority and have not in the last ten (10) years been convicted or found liable for any act prohibited by law in any jurisdiction, involving conspiracy or collusion with respect to submitting a response on any public contract.

Initial _____

BIDDER'S REPRESENTATION AND CERTIFICATION FORM

Prohibited Interests: Bidder, and its Sub-Contractors at any tier, certify that they have not entered into any contract, sub-contract, or arrangement in connection with the project covered under this Invitation to Bid, or of any property included or planned to be included in the project, in which any member, officer, or employee of the Bidder or its Sub-Contractors, during its tenure, or for two years thereafter, has any interest, direct or indirect.

Initial _____

Public Entity Crime: Pursuant to Section 287.133, Florida Statute, a person or affiliate who has been placed on the convicted vendor list following a conviction for a public entity crime may not submit a bid, proposal, or reply on a contract to provide any goods or services to a public entity; may not submit a bid, proposal, or reply on a contract with a public entity for the construction or repair of a public building or public work; may not submit bids, proposals, or replies on leases of real property to a public entity; may not be awarded or perform work as a contractor, supplier, subcontractor, or consultant under a contract with any public entity; and may not transact business with any public entity in excess of the threshold amount provided in s. 287.017, Florida Statutes, for CATEGORY TWO for a period of 36 months following the date of being placed on the convicted vendor list.

Initial _____

Scrutinized Companies: Contractor certifies that it is not listed on either the Scrutinized Companies with Activities in Sudan List or the Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List, created pursuant to section 215.473, Florida Statutes. Contractor further understands and accepts that any contract issued as a result of this Bid shall be subject to 287.135, Florida Statutes, and subject to immediate termination by City in the event there is any misrepresentation or false certification on the part of Contractor.

Initial _____

Bidder certifies that they comply (or will comply) with the above statements concerning: Lobbying, Non-Segregated Facilities, Public Entity Crime, Conflict of Interest, Compliance With Laws, Discriminatory Vendor, Debarment, Non-Collusion, Prohibited Interests, Convictions, Drug Free Workplace, Equal Employment Opportunity.

If Bidder cannot attest to any of the above, they must submit an explanation as to why on their letterhead, signed by the individual signing this Form, and attach such to this Form.

Bidder's Name: _____

Federal Employer Identification No.: _____

Bidder's Address: _____

By: _____

Signature

Name: _____

Print Name

Title: _____

Secretary/Assistant Secretary/President/Vice President/Assistant Vice President

Phone No.: _____ Fax No.: _____

E-Mail Address: _____

Date: _____

CORPORATE SEAL

BID FORM

(Page 1)

BIDDER'S NAME: _____

____ Our Bid is in compliance with all specifications.

INITIAL

Allow "Direct Purchase" of materials, supplies and equipment? _____ YES _____ NO

MARK ENVELOPE TO INDICATE "SEALED INVITATION TO BID, 1903PK_Hardy Trail Extension Construction (LAP project)" and YOUR COMPANY NAME

SEND TO: Joseph DeBono
City of Dade City
38020 Meridian Avenue
Dade City, FL 33525

Bids are due on or before: December 20, 2018 at 2:00 PM

ADDENDA

Bidder hereby acknowledges that they have received Addenda No.'s _____, _____, _____, _____, _____, _____, _____, _____, _____ (Bidder shall insert the number of each Addendum received) and agrees that all addenda issued are hereby made part of the Invitation to Bid and their Bid Price includes all impacts resulting from said addenda.

BIDDER'S DECLARATION AND UNDERSTANDING

Bidder declares (a) that the only persons or parties interested in this Bid are those named herein, (b) that their Bid is, in all respects, fair and without fraud, (c) that their Bid is made without collusion with any official of the City, and (d) that their Bid is made without any connection of collusion with any person submitting another Bid in response to this Invitation to Bid.

Bidder understands and agrees that if an award is made, City may elect to award all schedules, separately, or in any combination, that is in the best interest of City.

Bidder further declares (a) that it has carefully examined the Bid Documents for the Services covered under this Invitation to Bid, (b) that it has personally inspected the Project Site where the Services will be performed, if applicable, and (c) that its Bid is made in accordance with the provisions and the terms and conditions noted in the Invitation to Bid, which are hereby made a part of their Bid.

BIDDER'S REPRESENTATION AND CERTIFICATION

Bidder acknowledges that it has executed the Bidder's Representation and Certification Form and have included such with their Bid.

BID SECURITY

The Bidder has furnished with its Bid and Bid Security in the amount of 5% of their Bid amount, as specified in the Invitation to Bid in the form of a Bid Bond, certified check or cashier's check, made out to Dade City, Florida, in the amount of 5% of the Bidder's Bid.

BID FORM

(Page 2)

BID SCHEDULE

The determination of low bid shall be based on the Total Base Bid alone. City may elect to proceed with Bid Alternates depending on available funds.

It is understood that the various lump sum and unit price bids will control in any Contract which may be awarded arising from this Bid; that the estimated quantities noted below are approximate and used only for comparison of Bids and are subject to increase or decrease as required to properly complete the Contract work.

City hopes to construct the entire project, but recognizes that bids may exceed available funds. City reserves the right to reduce or delete items, or portions thereof, from the bid schedule, to meet any financial constraints. Bids will be considered valid regardless of the extent of options selected by City.

Bidder hereby agrees to perform all work described in the Contract Documents for the following unit price, cash allowance or lump sum prices, which shall include all labor, supervision, materials, equipment, transportation, overhead, profit, insurance, bonds, applicable taxes and costs of all kinds necessary to complete the work in accordance with the Contract Documents.

CERTIFICATES OF INSURANCE

If an award is made, the Successful Bidder agrees to obtain the minimum types and limits of insurance as specified in the Invitation to Bid and will provide City certificates of insurance evidencing such. Furthermore, should the Bidder be required to procure additional insurance to meet City's minimum insurance requirements, Bidder has factored the cost for such additional insurance into their Bid Price.

Once the Successful Bidder is determined, it must provide the required COI's and the email address(es)/contact information for its insurance agent(s). The CITY will email the insurance agent(s) requesting them to provide Bidder's Certificates of Insurance (COI) directly to the City's contacts. Certificates of Insurance can be mailed, emailed or faxed to City. Bidder will not be allowed to begin work and no payments will be made until a compliant COI is received from Bidder's insurance agent(s).

CONTRACT EXECUTION

Bidder agrees that if their Bid is accepted for award the contents of their Bid shall become a contractual obligation and that they will furnish all supervision, labor, materials, equipment, supplies, machinery, tools, apparatus, insurance, bonds and anything else required to provide the Services as specified in the Bid Documents.

CONTRACT SECURITY / PERFORMANCE AND PAYMENT BONDS

The Bidder agrees that if their Bid is accepted, they will, within 10 calendar days after notice of award, deliver to the City the Performance Bond and Payment Bonds in the amount of 100% of their Bid Amount.

LIQUIDATED DAMAGES

If the Services covered under this Agreement are not completed within the time allowed as stipulated herein, plus any extensions thereof, City could incur additional expenses. Since these expenses are difficult to prove in a legal or arbitration proceeding to establish the actual loss suffered by City, instead of requiring any such proof, Contractor agrees that as liquidated damages for any delays (but not as a penalty) it shall pay City the amount based on FDOT Standard Specifications Road and Bridge Construction, 2018 Edition, which shall be **one thousand six hundred and fifty-five Dollars (\$1655.00)** for each day that expires after the time specified herein for completion. Sundays and legal holidays shall be excluded in determining days in default. Contractor shall not be charged with liquidated damages or any excess cost when the delay in completion of the Work is due to the following, and Contractor has promptly given written notice of such delay to City: (1) to any preference, priority or allocation order duly issued by City, or (2) to

BID FORM

(Page 3)

unforeseeable causes beyond the control and without the fault or negligence of Contractor, including but not restricted to, acts of God, or of the public enemy, acts of City, acts of another contractor in the performance of a contract for City, fires, floods, epidemics, quarantine restrictions, strikes, freight embargoes and abnormal and unforeseeable weather; and (3) to any delays of subcontractor occasioned by any of the causes specified in (1) and (2) of this Section.

START OF CONSTRUCTION AND CONTRACT COMPLETION TIME

The Successful Bidder shall commence ordering materials and equipment within ten (10) calendar days after receipt of a Notice to Proceed from City. The Successful Bidder shall reach **Substantial Completion within one hundred and ninety-nine (199) calendar days** after receipt of a Notice to Proceed and shall reach **Final Completion within two hundred and fifty-nine (259) calendar days** after receipt of a Notice to Proceed.

Total Base Bid: _____
(In words)

\$ _____
(In figures)

Total Bid Alternates: _____
(In words)

\$ _____
(In figures)

SIGNATURE

By affixing their signature to the Bid Form, Bidder hereby states that it has read all bid specifications, terms and conditions outlined in the Invitation to Bid and agree to such.

Bidder declares that the individual signing this Bid Form has the legal capacity to sign on behalf of Bidder and to contractually obligate Bidder.

Bidder's Name: _____

Federal Employer Identification No.: _____

Bidder's Address: _____

By: _____
Signature

Name: _____
Print Name

Title: _____
Secretary/Assistant Secretary/President/Vice President/Assistant Vice President

Phone No.: _____ Fax No.: _____

E-Mail Address: _____

Date: _____

CORPORATE SEAL

LIST OF SUBCONTRACTORS AND MAJOR SUPPLIERS

(Page 1)

In the Space below, Bidder shall list all Sub-Contractors and major suppliers, along with their addresses for approval by City. Bidder shall also describe what portion of the Services performed or equipment provided, and the applicable percentage of the Bid Price. No changes shall be allowed after submittal of the Bid without the written consent of City.

NAME AND ADDRESS	WORK TO BE PERFORMED	% OF BID PRICE

Bidder's Name: _____

Federal Employer Identification No.: _____

Bidder's Address: _____

By: _____
Signature

Name: _____
Print Name

Title: _____
Secretary/Assistant Secretary/President/Vice President/Assistant Vice President

Phone No.: _____ Fax No.: _____

E-Mail Address: _____

Date: _____

CORPORATE SEAL

BIDDER'S QUALIFICATIONS STATEMENT

(Page 1)

BIDDER'S NAME: _____

Bidder guarantees the truth and accuracy of all statements and answers herein contained. Include additional sheets if necessary. Print in **BLACK** ink or type all answers. Bidders proposing to be qualified to provide the Services as outlined in the Invitation to Bid are advised that they must address each item of this qualification statement. Any information omitted may be sufficient reason for refusal to qualify.

1. How many years has your organization been in business as a contractor performing the type of services outlined in the Invitation to Bid?

2. During the past five (5) years, has your organization ever failed to complete an awarded project within the specified contract time? If so, where, when, and why? Attach additional sheet, if necessary.

3. Give names, addresses, and telephone and facsimile numbers of individuals from three (3) organizations that you have performed work similar to that outlined in the Invitation to Bid who can be contacted as a reference. Attach additional sheet, if necessary.

Name and Title: _____

Company Name: _____

Address: _____

Phone: _____ Fax: _____

E-mail Address: _____

Name and Title: _____

Company Name: _____

Address: _____

Phone: _____ Fax: _____

E-mail Address: _____

Name and Title: _____

Company Name: _____

Address: _____

Phone: _____ Fax: _____

E-mail Address: _____

BIDDER'S QUALIFICATIONS STATEMENT

(Page 2)

4. Describe your present workload. Do you have projects underway which might interfere with the start and completion schedule for the project covered under this Invitation to Bid?

5. Complete the table below as fully as possible, describing projects similar in character and scope to the Work specified in this Invitation to Bid which have been successfully completed during the past three (3) years.

Type of Work	Name/City	Year Completed	Contract Price

BIDDER'S QUALIFICATIONS STATEMENT

(Page 3)

6. List all present and past litigations or arbitrations (for the past five (5) years) and their final outcome. Fully describe the circumstances. Include the project name and nature of litigation. Attach additional sheets, if necessary.

7. During the past seven (7) years, has your company ever filed for bankruptcy, is currently in bankruptcy, or has bankruptcy action pending?

8. State the true and exact, correct, and complete name under which you do business as registered in the State of Florida.

Bidder's Name: _____

Federal Employer Identification No.: _____

Bidder's Address: _____

By: _____

Signature

Name: _____

Print Name

Title: _____

Secretary/Assistant Secretary/President/Vice President/Assistant Vice President

Phone No.: _____ Fax No.: _____

E-Mail Address: _____

Date: _____

CORPORATE SEAL

BID FORM
PROPOSAL TO
THE CITY OF DADE CITY
FOR THE HARDY TRAIL EXTENSION
CONSTRUCTION (LAP PROJECT)
FPN: 433700-1-58-01

Name of Bidder: _____

Mailing Address: _____

Street Address: _____

City/State/Zip: _____

Phone Number: _____

TO: Joseph DeBono

Pursuant to and in compliance with your notice inviting sealed proposals (Invitation for Bid), Instructions to Bidders, and the other documents relating thereto, the undersigned Bidder, having familiarized himself with the terms of the contract documents, local conditions affecting the performance of the contract, and the cost of the work at the place where the work is to be done, hereby proposes and agrees to perform within the time stipulated in the contract, including all of its component parts and everything required to be performed, and to provide and furnish any and all of the labor, material, and tools, expendable equipment, and all utility and transportation services necessary to perform the contract and complete in a workmanlike manner, all of the work required in connection with the construction of said work all in strict conformity with the plans and specifications and other contract documents, including Addenda Nos. _____ through _____, on file at the Bureau of Engineering, City of Orlando, for the prices hereinafter set forth.

The undersigned bidder agrees that the Work shall be completed according to the schedule set forth in the Contract Documents.

The undersigned bidder further agrees to pay liquidated damages as described herein and as may be provided in the Supplementary Conditions, which shall be in addition to such other amounts for actual delay damages

Bid prices must be stated in words in accordance with paragraph 11.2 of the Instruction to Bidders in the blank space(s) provided for that purpose.

The undersigned as Bidder, declares that the only persons or parties interested in this proposal as principals are those named herein; that this proposal is made without collusion with any person, firm or corporation; and he proposes and agrees, if the proposal is accepted, that he will execute a contract with the CITY in the form set forth in the Contract Documents; that he will furnish the Contract Security, Insurance Certificates, Endorsements, and Policies, that he will comply with all Minority and Women-Owned Business Enterprise requirements, as well as the Responsible Contractor's Policy requirements, and that he is aware that failure to properly comply with the requirements set out in the "Instruction to Bidders" and elsewhere in the Contract Documents may result in a finding that the Bidder is non-responsive and a forfeiture of the Bid Security.

CHECK ONE (FAILURE TO MARK ONE OPTION MAY CAUSE THIS BID TO BE DECLARED NON-RESPONSIVE.)

- I have satisfied the health benefits requirement of the Responsible Contractor's Policy by providing such benefits to my workers through a bona fide health benefits program and have executed the Certification of Contractor's Bona Fide Health Benefits Program included in this Bid package.
- I have satisfied the health benefits requirement of the Responsible Contractor's Policy by increasing the hourly wage of my workers on this project by 20% and am not required to execute the Certification of Contractor's Bona Fide Health Benefits Program.

IF, AFTER THE BID OPENING BUT PRIOR TO THE FINAL AWARD OF THE CONTRACT, IT IS DETERMINED BY THE CITY THAT THE BIDDER DID NOT SATISFY THE HEALTH BENEFITS REQUIREMENT AS INDICATED BY THE CHOICE MARKED ABOVE, THIS BID WILL BE DECLARED NON-RESPONSIVE. IF, SUBSEQUENT TO THE FINAL AWARD OF THE CONTRACT, IT IS DETERMINED BY THE CITY THAT THE BIDDER DID NOT SATISFY THE HEALTH BENEFITS REQUIREMENT AS INDICATED BY THE CHOICE MARKED ABOVE, THE CONTRACTOR MAY BE SUBJECT TO ONE OR MORE OF THE FOLLOWING PENALTIES: TERMINATION OF THE CONTRACT, DEBARMENT, SUSPENSION AND/OR FINE, WHICHEVER IS IN THE BEST INTEREST OF THE CITY. FAILURE OF THE CITY TO EXERCISE THIS PENALTY PROVISION SHALL NOT ACT AS A WAIVER OF THE CITY'S RIGHTS

PROPOSAL AND BID FORM

**DESCRIPTION OF CONTRACT: 1903PK_HARDY TRAIL EXTENSION CONSTRUCTION
DADE CITY, FLORIDA
FPN: 433700-1-58-01**

TO: Joseph DeBono
City of Dade City
Dade City, Florida

Pursuant to and in compliance with your Invitation for Bid, the Instructions to Bidders, Special Provisions, and other documents relating thereto, the undersigned hereby agrees to furnish all labor, materials, and equipment to do the work in strict accordance with the contract documents and all addenda, if any, issued prior to the date of this proposal at the price herein as follows:

SCHEDULE OF BID PRICE

ITEM NO.	QTY	UNIT	ITEM DESCRIPTION (Unit price in Words)	UNIT PRICE (In Numerals)	TOTAL
1	1	LS	MOBILIZATION @ _____ Lump Sum	\$	\$
2	1	LS	MAINTENANCE OF TRAFFIC @ _____ Lump Sum	\$	\$
3	6486	LF	SEDIMENT BARRIER @ _____ Linear Feet	\$	\$
4	16	EA	INLET PROTECTION SYSTEM @ _____ Each	\$	\$
5	7.5	AC	CLEARING & GRUBBING @ _____ Acres	\$	\$
6	446	SY	REMOVAL OF EXISTING CONCRETE PAVEMENT @ _____ Square Yard	\$	\$
7	3,342	CY	REGULAR EXCAVATION @ _____ Cubic Yard	\$	\$
8	1,497	CY	EMBANKMENT @ _____ Cubic Yard	\$	\$
9	8,315	SY	TYPE B STABILIZATION @ _____ Square Yard	\$	\$
10	4,185	SY	PREPARED SOIL LAYER, 6" @ _____ Square Yard	\$	\$

ITEM NO.	QTY	UNIT	ITEM DESCRIPTION (Unit price in Words)	UNIT PRICE (In Numerals)	TOTAL
11	4,977	SY	OPTIONAL BASE GROUP 01 @ _____ Square Yard	\$	\$
12	3,338	SY	OPTIONAL BASE GROUP 08 @ _____ Square Yard	\$	\$
13	1,762	SY	MILLING EXIST ASPH PAVT, 2.0" AVG DEPTH @ _____ Square Yard	\$	\$
14	350	TN	SUPERPAVE ASPH CONC, TRAFFIC A @ _____ Tons	\$	\$
15	433	TN	SUPERPAVE ASPH CONC, TRAFFIC C @ _____ Tons	\$	\$
16	204	TN	ASPH CONC, TRAFFIC C, FC-9.5, PG76-22 @ _____ Tons	\$	\$
17	116	CY	CONC CLASS NS, GRAVITY WALL @ _____ Cubic Yard	\$	\$
18	2	EA	INLETS, DT BOT, TYPE C, <10' @ _____ Each Each	\$	\$
19	1	EA	INLETS, DT BOT, TYPE G, <10' @ _____ Each	\$	\$
20	1	EA	INLETS, GUTTER, TYPE S, <10' @ _____ Each	\$	\$
21	2	EA	INLETS, CLOSED FLUME @ _____ Each		
22	2	EA	MANHOLES, P-8, <10' @ _____ Each	\$	\$
23	2	EA	MANHOLES, J-8, <10' @ _____ Each	\$	\$
24	1	EA	INLETS, ADJUST @ _____ Each	\$	\$
25	46	LF	PIPE CULVERT, OPT MATL, OTHER, 12" S/CD @ _____ Linear Ft	\$	\$
26	92	LF	PIPE CULVERT, OPT MATL, OTHER, 18" S/CD @ _____ Linear Ft	\$	\$
27	37	LF	PIPE CULVERT, OPT MATL, OTHER, 36" S/CD @ _____ Linear Ft	\$	\$

ITEM NO.	QTY	UNIT	ITEM DESCRIPTION (Unit price in Words)	UNIT PRICE (In Numerals)	TOTAL
28	68	LF	PIPE CULVERT, OPT MATL, OTHER, 42" S/CD @ _____ Linear Ft	\$	\$
29	145	LF	PIPE CULVERT, OPT MATL, OTHER, 12"X18" ERCPC" S/CD @ _____ Linear Ft	\$	\$
30	104	LF	PIPE CULVERT, OPT MATL, OTHER, 14"X23" ERCPC" S/CD @ _____ Linear Ft	\$	\$
31	51	EA	PIPE CULVERT, OPT MATL, OTHER, 29"X45" ERCPC" S/CD	\$	\$
32	1	EA	MITERED END SECT, OPT - OTHER, 42" CD @ _____ Each	\$	\$
33	6	EA	MITERED END SECT, OPT - OTHER, 12"X18" CD @ _____ Each	\$	\$
34	4	EA	MITERED END SECT, OPT - OTHER, 14"X23" CD @ _____ Each	\$	\$
35	418	LF	PIPE HANDRAIL, GUIDERAUL, ALUMINIM @ _____ Linear Ft	\$	\$
36	24	EA	BOLLARDS @ _____ Each	\$	\$
37	3,729	LF	CONCRETE CURB, TYPE D @ _____ Linear Ft	\$	\$
38	40	LF	VALLEY GUTTER, CONCRETE @ _____ Linear Ft	\$	\$
39	230	SY	CONCRETE SIDEWALK AND DRIVEWAYS 4" THICK @ _____ Square Yard	\$	\$
40	674	SY	CONCRETE SIDEWALK AND DRIVEWAYS 6" THICK @ _____ Square Yard	\$	\$
41	188	SY	PAVERS, ARCHITECTURAL, SIDEWALK @ _____ Square Yard	\$	\$
42	301	SF	DETECTABLE WARNING SURFACES @ _____ Square Feet	\$	\$
43	2,870	LF	FENCING, TYPE B, 5.1-6', STANDARD @ _____ Linear Feet	\$	\$

ITEM NO.	QTY	UNIT	ITEM DESCRIPTION (Unit price in Words)	UNIT PRICE (In Numerals)	TOTAL
44	4,185	SY	PERFORMANCE TURF, SOD @ _____ Square Yard	\$	\$
45	1	LS	LANDSCAPE COMPLETE – SMALL PLANTS @ _____ Lump Sum	\$	\$
46	1	LS	LANDSCAPE COMPLETE – LARGE PLANTS @ _____ Lump Sum	\$	\$
47	1	LS	IRRIGATION SYSTEM @ _____ Lump Sum	\$	\$
48	30	AS	SINGLE POST SIGN, F&I, LESS THAN 12 SF @ _____ Assembly	\$	\$
49	21	AS	SINGLE-POST SIGN, RELOCATE @ _____ Assembly	\$	\$
50	1	AS	SINGLE-POST SIGN, REMOVE @ _____ Assembly	\$	\$
51	3	EA	SIGN PANEL, F&I GM, UP TO 12 SF @ _____ Each	\$	\$
52	1	AS	SIGN BEACON, RELOCATE BEACON @ _____ Assembly	\$	\$
53	114	LF	THERMOPLASTIC, STD , YELLOW, SOLID 18” @ _____ Linear Ft	\$	\$
54	733	LF	THERMOPLASTIC, PREFORMED, WHITE, SOLID 12” @ _____ Linear Feet	\$	\$
55	632	LF	THERMOPLASTIC, PREFORMED , WHITE, SOLID 24” @ _____ Linear Ft	\$	\$
56	0.301	GM	THERMOPLASTIC, STD-OTH, YELLOW, SOLID, 6”@ _____ Gross Mile	\$	\$
57	360	SF	REMOVAL AND PALATIZATION OF EXISTING BRICK @ _____ Square	\$	\$
58	5	EA	METAL BENCH, CUSTOM @ _____ Each	\$	\$
59	6	EA	COLUMN, CUSTOM @ _____ Each	\$	\$

ITEM NO.	QTY	UNIT	ITEM DESCRIPTION (Unit price in Words)	UNIT PRICE (In Numerals)	TOTAL
60	3	EA	SIGN, CUSTOM @ _____ Each	\$	\$

TOTAL BASE BID IN FIGURES

\$ _____

TOTAL BASE BID WRITTEN IN WORDS:

In the event that the Bidder believes that the cost of any part of the Work is not reflected in the bid items listed in the Bid Form, the cost for that part of Work should be included in a listed bid item or items so that the total base bid represents the total price for completing the Work in its entirety.

SCOPE OF SERVICES

The improvements under this contract consist of the construction of a 10-12 foot multi-use trail, drainage improvements, roadway construction, milling and resurfacing, reconstruction of driveways, landscape, stormwater pollution prevention measures, gravity wall, traffic signing and thermoplastic pavement markings along the Hardy Trail Extension from Church Avenue to Lock Street in Dade City, Pasco County, Florida.

APPENDIX A

REQUIRED LAP DOCUMENTS and FORMS

FPN 433700 1 – HARDY TRAIL EXTENSION LAP PROJECT

- A) LAP Certification of Current Capacity (FDOT Form 525-010-46)**
- B) DBE Program Information (FDOT Form 275-030-11)**
- C) Bid Opportunity Form (FDOT Form 375-040-62)**
- D) Appendices A and E (Title VI Assurance)**
- E) FHWA Form 1273**
- F) Lobbying Certification (FDOT Form 375-030-33)**
- G) Disclosure of Lobbying Activities (FDOT Form 375-030-34)**
- H) Non-Collusion Declaration (FDOT Form 575-060-13)**
- I) Suspension and Debarment**
- J) Davis-Bacon Wage Rates (2018)**

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION
LAP CERTIFICATION OF CURRENT CAPACITY

525-010-46
PROGRAM MANAGEMENT
12/09
Page 1 of 2

CONFIDENTIAL

For bids to be received on _____
(Letting Date)

Fill in your FDOT Vendor Number VF _____ (Only applicable to FDOT pre-qualified contractors)
--

CERTIFICATE

I hereby certify that the amount of any proposal submitted by this bidder for the above letting does not exceed the amount of the Firm's CURRENT CAPACITY (maximum capacity rating less total uncompleted work).

The total uncompleted work as shown on
the "Status of Contracts on Hand" report (page 2) \$ _____

I further certify that the "Status of Contracts on Hand" report (page 2) was prepared as follows:

1. If the letting is before the 25th day of the month, the certificate and report reflect the uncompleted work as of the 15th day of the month, last preceding the month of the letting.
2. If the letting is after the 25th day of the month, the certificate and report reflects the uncompleted work in progress as of the 15th day of the month of the letting.
3. All new contracts (and subcontracts) awarded earlier than five days before the letting date are included in the report and charged against our total rating.

I certify that the information above is correct

NAME OF FIRM

Sworn to and subscribed this _____ day
of _____, 20 _____

By: _____

Title

STATUS OF CONTRACTS ON HAND

(Furnish complete information about all your contracts, whether prime or subcontracts; whether in progress or awarded, but not yet begun and regardless of whom contracted with.)

1	2	3	4	5		6
PROJECTS OWNER, LOCATION AND DESCRIPTION	CONTRACT (OR SUBCONTRACT) AMOUNT	AMOUNT SUBLET TO OTHERS	BALANCE OF CONTRACT AMOUNT	UNCOMPLETED AMOUNT TO BE DONE BY YOU		
				AS PRIME CONTRACTOR	AS SUBCONTRACTOR	
NOTE: Columns 2 and 3 to show total contract (or subcontract) amounts. Column 4 to be difference between columns 2 and 3. Amount in columns 5 or 6 to be uncompleted portion of amount in column 4. All amounts to be shown to nearest \$100. The Contractor may consolidate and list as a single item all contracts which, individually, do not exceed 3% of total and which in the aggregate amount to less than 20% of the total.			TOTALS		\$0.00	\$0.00
			TOTAL UNCOMPLETED WORK ON HAND TO BE DONE BY YOU (TOTAL COLUMNS 5 AND 6)		\$000 _____	

DBE Utilization

The Department began its DBE race neutral program January 1, 2000. **Contract specific goals are not placed on Federal/State contracts;** however, the Department has an overall 10.65% DBE goal it must achieve. In order to assist contractors in determining their DBE commitment level, the Department has reviewed the estimates for this letting.

As you prepare your bid, please monitor potential or anticipated DBE utilization for contracts. When the low bidder executes the contract with the Department, information will be requested of the contractor's DBE participation for the project. While the utilization is not mandatory in order to be awarded the project, continuing utilization of DBE firms on contracts supports the success of Florida's DBE Program, and supports contractors' Equal Employment Opportunity and DBE Affirmative Action Programs.

Any project listed as 0% DBE availability does not mean that a DBE may not be used on that project. A 0% DBE availability may have been established due to any of the following reasons: limited identified subcontracting opportunities, minimal contract days, and/or small contract dollar amount. Contractors are encouraged to identify any opportunities to subcontract to DBE's.

Please contact the Equal Opportunity Office at (850) 414-4747 if you have any questions regarding this information. Forms may be downloaded at: www.dot.state.fl.us/proceduraldocuments/ .

DBE Reporting

If you are the prime contractor on a project, enter your DBE participation in the Equal Opportunity Compliance system prior to the pre-construction or pre-work conference for all federal and state funded projects. This **will not** become a mandatory part of the contract. It will assist the Department in tracking and reporting planned or estimated DBE utilization. During the contract, the prime contractor is required to report actual payments to DBE and MBE subcontractors through the web-based Equal Opportunity Compliance (EOC) system.

All DBE payments must be reported whether or not you initially planned to utilize the company. In order for our race neutral DBE Program to be successful, your cooperation is imperative. If you have any questions, please contact EOOHelp@dot.state.fl.us.

Bid Opportunity List

The Federal DBE Program requires States to maintain a database of all firms that are participating or attempting to participate on FDOT-assisted contracts. The list must include all firms that bid on prime contracts or bid or quote subcontracts on FDOT-assisted projects, including both **DBE's and non-DBEs**.

Please complete the Bidders Opportunity List through the Equal Opportunity Compliance system within 3 business days of submission of the bid or proposal for ALL subcontractors or sub-consultants who quoted to you for specific project for this letting. The web address to the Equal Opportunity Compliance system is: <https://www3.dot.state.fl.us/EqualOpportunityCompliance/Account.aspx/LogIn?ReturnUrl=%2fEqualOpportunityCompliance%2f> .

DBE/AA Plans

Contractors bidding on FDOT contracts are to have an approved DBE Affirmative Action Plan (FDOT Form 275-030-11B) on file with the FDOT Equal Opportunity Office before execution of a contract. DBE/AA Plans must be received with the contractors bid or received by the Equal Opportunity Office prior to the award of the contract.

Plans are approved by the Equal Opportunity Office in accordance with Ch. 14-78, Florida Administrative Code. Plans that do not meet these mandatory requirements may not be approved. Approvals are for a (3) three year period and should be updated at anytime there is a change in the company's DBE Liaison Officer and/or President. Contractors may evidence adoption of the DBE/AA Policy and Plan and/or a change in the designated DBE Liaison officer as follows:

- Print the first page of the document on company stationery ("letterhead") that indicates the company's name, mailing address, phone number, etc.
- Print the company's name in the "___" space; next to "Date" print the month/day/year the policy is being signed; record the signature of the company's Chief Executive Officer, President or Chairperson in the space next to "by" and print the full first and last name and position title of the official signing the policy.
- Print the DBE Liaison's full name, email address, business mailing address and phone number the bottom of email.

E-mail the completed and signed DBE AA Plan to: **eeoforms@dot.state.fl.us**.

The Department will review the policy, update department records and issue a notification of approval or disapproval; a copy of the submitted plan will not be returned to the contractor.

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION
**BID OPPORTUNITY LIST FOR PROFESSIONAL CONSULTANT
SERVICES, AND COMMODITIES & CONTRACTUAL SERVICES**

375-040-62
PROCUREMENT
04/07

Prime Contractor/Prime Consultant: _____

Address/Phone Number: _____

Procurement Number/Advertisement Number: _____

49 CFR Part 26.11 The list is intended to be a listing of all firms that are participating, or attempting to participate, on DOT-assisted contracts. The list must include all firms that bid on prime contracts, or bid or quote subcontracts and supplies materials on DOT-assisted projects, including both DBEs and non-DBEs. For consulting companies this list must include all subconsultants contacting you and expressing an interest in teaming with you on a specific DOT-assisted project. Prime contractors and consultants must provide information for Numbers 1, 2, 3 and 4, and should provide any information they have available on Numbers 5, 6, 7, and 8 for themselves, and their subcontractors and subconsultants.

1. Federal Tax ID Number: _____
2. Firm Name: _____
3. Phone: _____
4. Address: _____

5. Year Firm Established: _____

6. DBE
 Non-DBE
7. Subcontractor
 Subconsultant

8. Annual Gross Receipts
 Less than \$1 million
 Between \$1 - \$5 million
 Between \$5 - \$10 million
 Between \$10 - \$15 million
 More than \$15 million

1. Federal Tax ID Number: _____
2. Firm Name: _____
3. Phone: _____
4. Address: _____

5. Year Firm Established: _____

6. DBE
 Non-DBE
7. Subcontractor
 Subconsultant

8. Annual Gross Receipts
 Less than \$1 million
 Between \$1 - \$5 million
 Between \$5 - \$10 million
 Between \$10 - \$15 million
 More than \$15 million

1. Federal Tax ID Number: _____
2. Firm Name: _____
3. Phone: _____
4. Address: _____

5. Year Firm Established: _____

6. DBE
 Non-DBE
7. Subcontractor
 Subconsultant

8. Annual Gross Receipts
 Less than \$1 million
 Between \$1 - \$5 million
 Between \$5 - \$10 million
 Between \$10 - \$15 million
 More than \$15 million

1. Federal Tax ID Number: _____
2. Firm Name: _____
3. Phone: _____
4. Address: _____

5. Year Firm Established: _____

6. DBE
 Non-DBE
7. Subcontractor
 Subconsultant

8. Annual Gross Receipts
 Less than \$1 million
 Between \$1 - \$5 million
 Between \$5 - \$10 million
 Between \$10 - \$15 million
 More than \$15 million

AS APPLICABLE, PLEASE SUBMIT THIS FORM WITH YOUR:

**BID SHEET (Invitation to Bid – ITB)
LETTERS OF RESPONSE (LOR)
PRICE PROPOSAL (Request for Proposal – RFP)
REPLY (Invitation to Negotiate – ITN)**

APPENDICES A and E

Revised 01/2015

During the performance of this contract, the contractor, for itself, its assignees and successors in interest (hereinafter referred to as the "Contractor") agrees as follows:

- (1.) **Compliance with Regulations:** The Contractor shall comply with the Regulations relative to nondiscrimination in Federally-assisted programs of the U.S. Department of Transportation (hereinafter, "USDOT") Title 49, Code of Federal Regulations, Part 21, as they may be amended from time to time, (hereinafter referred to as the Regulations), which are herein incorporated by reference and made a part of this Agreement.
- (2.) **Nondiscrimination:** The Contractor, with regard to the work performed during the contract, shall not discriminate on the basis of race, color, national origin, sex, age, disability, religion or family status in the selection and retention of subcontractors, including procurements of materials and leases of equipment. The Contractor shall not participate either directly or indirectly in the discrimination prohibited by section 21.5 of the Regulations, including employment practices when the contract covers a program set forth in Appendix B of the Regulations.
- (3.) **Solicitations for Subcontractors, including Procurements of Materials and Equipment:** In all solicitations made by the Contractor, either by competitive bidding or negotiation for work to be performed under a subcontract, including procurements of materials or leases of equipment; each potential subcontractor or supplier shall be notified by the Contractor of the Contractor's obligations under this contract and the Regulations relative to nondiscrimination on the basis of race, color, national origin, sex, age, disability, religion or family status.
- (4.) **Information and Reports:** The Contractor shall provide all information and reports required by the Regulations or directives issued pursuant thereto, and shall permit access to its books, records, accounts, other sources of information, and its facilities as may be determined by the *Florida Department of Transportation, the Federal Highway Administration, Federal Transit Administration, Federal Aviation Administration, and/or the Federal Motor Carrier Safety Administration* to be pertinent to ascertain compliance with such Regulations, orders and instructions. Where any information required of a Contractor is in the exclusive possession of another who fails or refuses to furnish this information the Contractor shall so certify to the *Florida Department of Transportation, the Federal Highway Administration, Federal Transit Administration, Federal Aviation Administration, and/or the Federal Motor Carrier Safety Administration* as appropriate, and shall set forth what efforts it has made to obtain the information.
- (5.) **Sanctions for Noncompliance:** In the event of the Contractor's noncompliance with the nondiscrimination provisions of this contract, the *Florida Department of Transportation* shall impose such contract sanctions as it or the *Federal Highway Administration, Federal Transit Administration, Federal Aviation Administration, and/or the Federal Motor Carrier Safety Administration* may determine to be appropriate, including, but not limited to:
 - a. withholding of payments to the Contractor under the contract until the Contractor complies, and/or
 - b. cancellation, termination or suspension of the contract, in whole or in part.
- (6.) **Incorporation of Provisions:** The Contractor shall include the provisions of paragraphs (1) through (7) in every subcontract, including procurements of materials and leases of equipment, unless exempt by the Regulations, or directives issued pursuant thereto. The Contractor shall take such action with respect to any subcontract or procurement as the *Florida Department of Transportation, the Federal Highway Administration, Federal Transit Administration, Federal Aviation Administration, and/or the Federal Motor Carrier Safety Administration* may direct as a means of enforcing such provisions including sanctions for noncompliance. In the event a Contractor becomes involved in, or is threatened with, litigation with a subcontractor or supplier as a result of such direction, the Contractor may request the *Florida Department of Transportation* to enter into such litigation to protect the interests of the *Florida Department of Transportation*, and, in addition, the Contractor may request the United States to enter into such litigation to protect the interests of the United States.
- (7.) **Compliance with Nondiscrimination Statutes and Authorities:** Title VI of the Civil Rights Act of 1964 (42 U.S.C. § 2000d et seq., 78 stat. 252), (prohibits discrimination on the basis of race, color, national origin); and 49 CFR Part 21; The Uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970, (42 U.S.C. § 4601), (prohibits unfair treatment of persons displaced or whose property has been acquired because of Federal or Federal-aid programs and projects); Federal-Aid Highway Act of

1973, (23 U.S.C. § 324 et seq.), (prohibits discrimination on the basis of sex); Section 504 of the Rehabilitation Act of 1973, (29 U.S.C. § 794 et seq.), as amended, (prohibits discrimination on the basis of disability); and 49 CFR Part 27; The Age Discrimination Act of 1975, as amended, (42 U.S.C. § 6101 et seq.), (prohibits discrimination on the basis of age); Airport and Airway Improvement Act of 1982, (49 USC § 471, Section 47123), as amended, (prohibits discrimination based on race, creed, color, national origin, or sex); The Civil Rights Restoration Act of 1987, (PL 100-209), (Broadened the scope, coverage and applicability of Title VI of the Civil Rights Act of 1964, The Age Discrimination Act of 1975 and Section 504 of the Rehabilitation Act of 1973, by expanding the definition of the terms “programs or activities” to include all of the programs or activities of the Federal-aid recipients, sub-recipients and contractors, whether such programs or activities are Federally funded or not); Titles II and III of the Americans with Disabilities Act, which prohibit discrimination on the basis of disability in the operation of public entities, public and private transportation systems, places of public accommodation, and certain testing entities (42 U.S.C. §§ 12131 -- 12189) as implemented by Department of Transportation regulations at 49 C.F.R. parts 37 and 38; The Federal Aviation Administration’s Non-discrimination statute (49 U.S.C. § 47123) (prohibits discrimination on the basis of race, color, national origin, and sex); Executive Order 12898, Federal Actions to Address Environmental Justice in Minority Populations and Low-Income Populations, which ensures non-discrimination against minority populations by discouraging programs, policies, and activities with disproportionately high and adverse human health or environmental effects on minority and low-income populations; Executive Order 13166, Improving Access to Services for Persons with Limited English Proficiency, and resulting agency guidance, national origin discrimination includes discrimination because of limited English proficiency (LEP). To ensure compliance with Title VI, you must take reasonable steps to ensure that LEP persons have meaningful access to your programs (70 Fed. Reg. at 74087 to 74100); Title IX of the Education Amendments of 1972, as amended, which prohibits you from discriminating because of sex in education programs or activities (20 U.S.C. 1681 et seq).

REQUIRED CONTRACT PROVISIONS FEDERAL-AID CONSTRUCTION CONTRACTS

- I. General
- II. Nondiscrimination
- III. Nonsegregated Facilities
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- V. Contract Work Hours and Safety Standards Act Provisions
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- VII. Safety: Accident Prevention
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- X. Compliance with Governmentwide Suspension and Debarment Requirements
- XI. Certification Regarding Use of Contract Funds for Lobbying

- 3. A breach of any of the stipulations contained in these Required Contract Provisions may be sufficient grounds for withholding of progress payments, withholding of final payment, termination of the contract, suspension / debarment or any other action determined to be appropriate by the contracting agency and FHWA.
- 4. Selection of Labor: During the performance of this contract, the contractor shall not use convict labor for any purpose within the limits of a construction project on a Federal-aid highway unless it is labor performed by convicts who are on parole, supervised release, or probation. The term Federal-aid highway does not include roadways functionally classified as local roads or rural minor collectors.

ATTACHMENTS

- A. Employment and Materials Preference for Appalachian Development Highway System or Appalachian Local Access Road Contracts (included in Appalachian contracts only)

II. NONDISCRIMINATION

The provisions of this section related to 23 CFR Part 230 are applicable to all Federal-aid construction contracts and to all related construction subcontracts of \$10,000 or more. The provisions of 23 CFR Part 230 are not applicable to material supply, engineering, or architectural service contracts.

I. GENERAL

- 1. Form FHWA-1273 must be physically incorporated in each construction contract funded under Title 23 (excluding emergency contracts solely intended for debris removal). The contractor (or subcontractor) must insert this form in each subcontract and further require its inclusion in all lower tier subcontracts (excluding purchase orders, rental agreements and other agreements for supplies or services).

In addition, the contractor and all subcontractors must comply with the following policies: Executive Order 11246, 41 CFR 60, 29 CFR 1625-1627, Title 23 USC Section 140, the Rehabilitation Act of 1973, as amended (29 USC 794), Title VI of the Civil Rights Act of 1964, as amended, and related regulations including 49 CFR Parts 21, 26 and 27; and 23 CFR Parts 200, 230, and 633.

The applicable requirements of Form FHWA-1273 are incorporated by reference for work done under any purchase order, rental agreement or agreement for other services. The prime contractor shall be responsible for compliance by any subcontractor, lower-tier subcontractor or service provider.

The contractor and all subcontractors must comply with: the requirements of the Equal Opportunity Clause in 41 CFR 60-1.4(b) and, for all construction contracts exceeding \$10,000, the Standard Federal Equal Employment Opportunity Construction Contract Specifications in 41 CFR 60-4.3.

Form FHWA-1273 must be included in all Federal-aid design-build contracts, in all subcontracts and in lower tier subcontracts (excluding subcontracts for design services, purchase orders, rental agreements and other agreements for supplies or services). The design-builder shall be responsible for compliance by any subcontractor, lower-tier subcontractor or service provider.

Note: The U.S. Department of Labor has exclusive authority to determine compliance with Executive Order 11246 and the policies of the Secretary of Labor including 41 CFR 60, and 29 CFR 1625-1627. The contracting agency and the FHWA have the authority and the responsibility to ensure compliance with Title 23 USC Section 140, the Rehabilitation Act of 1973, as amended (29 USC 794), and Title VI of the Civil Rights Act of 1964, as amended, and related regulations including 49 CFR Parts 21, 26 and 27; and 23 CFR Parts 200, 230, and 633.

Contracting agencies may reference Form FHWA-1273 in bid proposal or request for proposal documents, however, the Form FHWA-1273 must be physically incorporated (not referenced) in all contracts, subcontracts and lower-tier subcontracts (excluding purchase orders, rental agreements and other agreements for supplies or services related to a construction contract).

The following provision is adopted from 23 CFR 230, Appendix A, with appropriate revisions to conform to the U.S. Department of Labor (US DOL) and FHWA requirements.

- 2. Subject to the applicability criteria noted in the following sections, these contract provisions shall apply to all work performed on the contract by the contractor's own organization and with the assistance of workers under the contractor's immediate superintendence and to all work performed on the contract by piecework, station work, or by subcontract.

- 1. **Equal Employment Opportunity:** Equal employment opportunity (EEO) requirements not to discriminate and to take affirmative action to assure equal opportunity as set forth under laws, executive orders, rules, regulations (28 CFR 35, 29 CFR 1630, 29 CFR 1625-1627, 41 CFR 60 and 49 CFR 27) and orders of the Secretary of Labor as modified by the provisions prescribed herein, and imposed pursuant to 23 U.S.C. 140 shall constitute the EEO and specific affirmative action standards for the contractor's project activities under

this contract. The provisions of the Americans with Disabilities Act of 1990 (42 U.S.C. 12101 et seq.) set forth under 28 CFR 35 and 29 CFR 1630 are incorporated by reference in this contract. In the execution of this contract, the contractor agrees to comply with the following minimum specific requirement activities of EEO:

a. The contractor will work with the contracting agency and the Federal Government to ensure that it has made every good faith effort to provide equal opportunity with respect to all of its terms and conditions of employment and in their review of activities under the contract.

b. The contractor will accept as its operating policy the following statement:

"It is the policy of this Company to assure that applicants are employed, and that employees are treated during employment, without regard to their race, religion, sex, color, national origin, age or disability. Such action shall include: employment, upgrading, demotion, or transfer; recruitment or recruitment advertising; layoff or termination; rates of pay or other forms of compensation; and selection for training, including apprenticeship, pre-apprenticeship, and/or on-the-job training."

2. **EEO Officer:** The contractor will designate and make known to the contracting officers an EEO Officer who will have the responsibility for and must be capable of effectively administering and promoting an active EEO program and who must be assigned adequate authority and responsibility to do so.

3. **Dissemination of Policy:** All members of the contractor's staff who are authorized to hire, supervise, promote, and discharge employees, or who recommend such action, or who are substantially involved in such action, will be made fully cognizant of, and will implement, the contractor's EEO policy and contractual responsibilities to provide EEO in each grade and classification of employment. To ensure that the above agreement will be met, the following actions will be taken as a minimum:

a. Periodic meetings of supervisory and personnel office employees will be conducted before the start of work and then not less often than once every six months, at which time the contractor's EEO policy and its implementation will be reviewed and explained. The meetings will be conducted by the EEO Officer.

b. All new supervisory or personnel office employees will be given a thorough indoctrination by the EEO Officer, covering all major aspects of the contractor's EEO obligations within thirty days following their reporting for duty with the contractor.

c. All personnel who are engaged in direct recruitment for the project will be instructed by the EEO Officer in the contractor's procedures for locating and hiring minorities and women.

d. Notices and posters setting forth the contractor's EEO policy will be placed in areas readily accessible to employees, applicants for employment and potential employees.

e. The contractor's EEO policy and the procedures to implement such policy will be brought to the attention of employees by means of meetings, employee handbooks, or other appropriate means.

4. **Recruitment:** When advertising for employees, the contractor will include in all advertisements for employees the notation: "An Equal Opportunity Employer." All such advertisements will be placed in publications having a large circulation among minorities and women in the area from which the project work force would normally be derived.

a. The contractor will, unless precluded by a valid bargaining agreement, conduct systematic and direct recruitment through public and private employee referral sources likely to yield qualified minorities and women. To meet this requirement, the contractor will identify sources of potential minority group employees, and establish with such identified sources procedures whereby minority and women applicants may be referred to the contractor for employment consideration.

b. In the event the contractor has a valid bargaining agreement providing for exclusive hiring hall referrals, the contractor is expected to observe the provisions of that agreement to the extent that the system meets the contractor's compliance with EEO contract provisions. Where implementation of such an agreement has the effect of discriminating against minorities or women, or obligates the contractor to do the same, such implementation violates Federal nondiscrimination provisions.

c. The contractor will encourage its present employees to refer minorities and women as applicants for employment. Information and procedures with regard to referring such applicants will be discussed with employees.

5. **Personnel Actions:** Wages, working conditions, and employee benefits shall be established and administered, and personnel actions of every type, including hiring, upgrading, promotion, transfer, demotion, layoff, and termination, shall be taken without regard to race, color, religion, sex, national origin, age or disability. The following procedures shall be followed:

a. The contractor will conduct periodic inspections of project sites to insure that working conditions and employee facilities do not indicate discriminatory treatment of project site personnel.

b. The contractor will periodically evaluate the spread of wages paid within each classification to determine any evidence of discriminatory wage practices.

c. The contractor will periodically review selected personnel actions in depth to determine whether there is evidence of discrimination. Where evidence is found, the contractor will promptly take corrective action. If the review indicates that the discrimination may extend beyond the actions reviewed, such corrective action shall include all affected persons.

d. The contractor will promptly investigate all complaints of alleged discrimination made to the contractor in connection with its obligations under this contract, will attempt to resolve such complaints, and will take appropriate corrective action within a reasonable time. If the investigation indicates that the discrimination may affect persons other than the complainant, such corrective action shall include such other persons. Upon completion of each investigation, the contractor will inform every complainant of all of their avenues of appeal.

6. **Training and Promotion:**

a. The contractor will assist in locating, qualifying, and increasing the skills of minorities and women who are

applicants for employment or current employees. Such efforts should be aimed at developing full journey level status employees in the type of trade or job classification involved.

b. Consistent with the contractor's work force requirements and as permissible under Federal and State regulations, the contractor shall make full use of training programs, i.e., apprenticeship, and on-the-job training programs for the geographical area of contract performance. In the event a special provision for training is provided under this contract, this subparagraph will be superseded as indicated in the special provision. The contracting agency may reserve training positions for persons who receive welfare assistance in accordance with 23 U.S.C. 140(a).

c. The contractor will advise employees and applicants for employment of available training programs and entrance requirements for each.

d. The contractor will periodically review the training and promotion potential of employees who are minorities and women and will encourage eligible employees to apply for such training and promotion.

7. **Unions:** If the contractor relies in whole or in part upon unions as a source of employees, the contractor will use good faith efforts to obtain the cooperation of such unions to increase opportunities for minorities and women. Actions by the contractor, either directly or through a contractor's association acting as agent, will include the procedures set forth below:

a. The contractor will use good faith efforts to develop, in cooperation with the unions, joint training programs aimed toward qualifying more minorities and women for membership in the unions and increasing the skills of minorities and women so that they may qualify for higher paying employment.

b. The contractor will use good faith efforts to incorporate an EEO clause into each union agreement to the end that such union will be contractually bound to refer applicants without regard to their race, color, religion, sex, national origin, age or disability.

c. The contractor is to obtain information as to the referral practices and policies of the labor union except that to the extent such information is within the exclusive possession of the labor union and such labor union refuses to furnish such information to the contractor, the contractor shall so certify to the contracting agency and shall set forth what efforts have been made to obtain such information.

d. In the event the union is unable to provide the contractor with a reasonable flow of referrals within the time limit set forth in the collective bargaining agreement, the contractor will, through independent recruitment efforts, fill the employment vacancies without regard to race, color, religion, sex, national origin, age or disability; making full efforts to obtain qualified and/or qualifiable minorities and women. The failure of a union to provide sufficient referrals (even though it is obligated to provide exclusive referrals under the terms of a collective bargaining agreement) does not relieve the contractor from the requirements of this paragraph. In the event the union referral practice prevents the contractor from meeting the obligations pursuant to Executive Order 11246, as amended, and these special provisions, such contractor shall immediately notify the contracting agency.

8. **Reasonable Accommodation for Applicants / Employees with Disabilities:** The contractor must be familiar

with the requirements for and comply with the Americans with Disabilities Act and all rules and regulations established there under. Employers must provide reasonable accommodation in all employment activities unless to do so would cause an undue hardship.

9. **Selection of Subcontractors, Procurement of Materials and Leasing of Equipment:** The contractor shall not discriminate on the grounds of race, color, religion, sex, national origin, age or disability in the selection and retention of subcontractors, including procurement of materials and leases of equipment. The contractor shall take all necessary and reasonable steps to ensure nondiscrimination in the administration of this contract.

a. The contractor shall notify all potential subcontractors and suppliers and lessors of their EEO obligations under this contract.

b. The contractor will use good faith efforts to ensure subcontractor compliance with their EEO obligations.

10. **Assurance Required by 49 CFR 26.13(b):**

a. The requirements of 49 CFR Part 26 and the State DOT's U.S. DOT-approved DBE program are incorporated by reference.

b. The contractor or subcontractor shall not discriminate on the basis of race, color, national origin, or sex in the performance of this contract. The contractor shall carry out applicable requirements of 49 CFR Part 26 in the award and administration of DOT-assisted contracts. Failure by the contractor to carry out these requirements is a material breach of this contract, which may result in the termination of this contract or such other remedy as the contracting agency deems appropriate.

11. **Records and Reports:** The contractor shall keep such records as necessary to document compliance with the EEO requirements. Such records shall be retained for a period of three years following the date of the final payment to the contractor for all contract work and shall be available at reasonable times and places for inspection by authorized representatives of the contracting agency and the FHWA.

a. The records kept by the contractor shall document the following:

(1) the number and work hours of minority and non-minority group members and women employed in each work classification on the project;

(2) the progress and efforts being made in cooperation with unions, when applicable, to increase employment opportunities for minorities and women; and

(3) the progress and efforts being made in locating, hiring, training, qualifying, and upgrading minorities and women;

b. The contractors and subcontractors will submit an annual report to the contracting agency each July for the duration of the project, indicating the number of minority, women, and non-minority group employees currently engaged in each work classification required by the contract work. This information is to be reported on [Form FHWA-1391](#). The staffing data should represent the project work force on board in all or any part of the last payroll period preceding the end of July. If on-the-job training is being required by special provision, the contractor

will be required to collect and report training data. The employment data should reflect the work force on board during all or any part of the last payroll period preceding the end of July.

III. NONSEGREGATED FACILITIES

This provision is applicable to all Federal-aid construction contracts and to all related construction subcontracts of \$10,000 or more.

The contractor must ensure that facilities provided for employees are provided in such a manner that segregation on the basis of race, color, religion, sex, or national origin cannot result. The contractor may neither require such segregated use by written or oral policies nor tolerate such use by employee custom. The contractor's obligation extends further to ensure that its employees are not assigned to perform their services at any location, under the contractor's control, where the facilities are segregated. The term "facilities" includes waiting rooms, work areas, restaurants and other eating areas, time clocks, restrooms, washrooms, locker rooms, and other storage or dressing areas, parking lots, drinking fountains, recreation or entertainment areas, transportation, and housing provided for employees. The contractor shall provide separate or single-user restrooms and necessary dressing or sleeping areas to assure privacy between sexes.

IV. DAVIS-BACON AND RELATED ACT PROVISIONS

This section is applicable to all Federal-aid construction projects exceeding \$2,000 and to all related subcontracts and lower-tier subcontracts (regardless of subcontract size). The requirements apply to all projects located within the right-of-way of a roadway that is functionally classified as Federal-aid highway. This excludes roadways functionally classified as local roads or rural minor collectors, which are exempt. Contracting agencies may elect to apply these requirements to other projects.

The following provisions are from the U.S. Department of Labor regulations in 29 CFR 5.5 "Contract provisions and related matters" with minor revisions to conform to the FHWA-1273 format and FHWA program requirements.

1. Minimum wages

a. All laborers and mechanics employed or working upon the site of the work, will be paid unconditionally and not less often than once a week, and without subsequent deduction or rebate on any account (except such payroll deductions as are permitted by regulations issued by the Secretary of Labor under the Copeland Act (29 CFR part 3)), the full amount of wages and bona fide fringe benefits (or cash equivalents thereof) due at time of payment computed at rates not less than those contained in the wage determination of the Secretary of Labor which is attached hereto and made a part hereof, regardless of any contractual relationship which may be alleged to exist between the contractor and such laborers and mechanics.

Contributions made or costs reasonably anticipated for bona fide fringe benefits under section 1(b)(2) of the Davis-Bacon Act on behalf of laborers or mechanics are considered wages paid to such laborers or mechanics, subject to the provisions

of paragraph 1.d. of this section; also, regular contributions made or costs incurred for more than a weekly period (but not less often than quarterly) under plans, funds, or programs which cover the particular weekly period, are deemed to be constructively made or incurred during such weekly period. Such laborers and mechanics shall be paid the appropriate wage rate and fringe benefits on the wage determination for the classification of work actually performed, without regard to skill, except as provided in 29 CFR 5.5(a)(4). Laborers or mechanics performing work in more than one classification may be compensated at the rate specified for each classification for the time actually worked therein: Provided, That the employer's payroll records accurately set forth the time spent in each classification in which work is performed. The wage determination (including any additional classification and wage rates conformed under paragraph 1.b. of this section) and the Davis-Bacon poster (WH-1321) shall be posted at all times by the contractor and its subcontractors at the site of the work in a prominent and accessible place where it can be easily seen by the workers.

b.(1) The contracting officer shall require that any class of laborers or mechanics, including helpers, which is not listed in the wage determination and which is to be employed under the contract shall be classified in conformance with the wage determination. The contracting officer shall approve an additional classification and wage rate and fringe benefits therefore only when the following criteria have been met:

(i) The work to be performed by the classification requested is not performed by a classification in the wage determination; and

(ii) The classification is utilized in the area by the construction industry; and

(iii) The proposed wage rate, including any bona fide fringe benefits, bears a reasonable relationship to the wage rates contained in the wage determination.

(2) If the contractor and the laborers and mechanics to be employed in the classification (if known), or their representatives, and the contracting officer agree on the classification and wage rate (including the amount designated for fringe benefits where appropriate), a report of the action taken shall be sent by the contracting officer to the Administrator of the Wage and Hour Division, Employment Standards Administration, U.S. Department of Labor, Washington, DC 20210. The Administrator, or an authorized representative, will approve, modify, or disapprove every additional classification action within 30 days of receipt and so advise the contracting officer or will notify the contracting officer within the 30-day period that additional time is necessary.

(3) In the event the contractor, the laborers or mechanics to be employed in the classification or their representatives, and the contracting officer do not agree on the proposed classification and wage rate (including the amount designated for fringe benefits, where appropriate), the contracting officer shall refer the questions, including the views of all interested parties and the recommendation of the contracting officer, to the Wage and Hour Administrator for determination. The Wage and Hour Administrator, or an authorized representative, will issue a determination within 30 days of receipt and so advise the contracting officer or

will notify the contracting officer within the 30-day period that additional time is necessary.

(4) The wage rate (including fringe benefits where appropriate) determined pursuant to paragraphs 1.b.(2) or 1.b.(3) of this section, shall be paid to all workers performing work in the classification under this contract from the first day on which work is performed in the classification.

c. Whenever the minimum wage rate prescribed in the contract for a class of laborers or mechanics includes a fringe benefit which is not expressed as an hourly rate, the contractor shall either pay the benefit as stated in the wage determination or shall pay another bona fide fringe benefit or an hourly cash equivalent thereof.

d. If the contractor does not make payments to a trustee or other third person, the contractor may consider as part of the wages of any laborer or mechanic the amount of any costs reasonably anticipated in providing bona fide fringe benefits under a plan or program. Provided, That the Secretary of Labor has found, upon the written request of the contractor, that the applicable standards of the Davis-Bacon Act have been met. The Secretary of Labor may require the contractor to set aside in a separate account assets for the meeting of obligations under the plan or program.

2. Withholding

The contracting agency shall upon its own action or upon written request of an authorized representative of the Department of Labor, withhold or cause to be withheld from the contractor under this contract, or any other Federal contract with the same prime contractor, or any other federally-assisted contract subject to Davis-Bacon prevailing wage requirements, which is held by the same prime contractor, so much of the accrued payments or advances as may be considered necessary to pay laborers and mechanics, including apprentices, trainees, and helpers, employed by the contractor or any subcontractor the full amount of wages required by the contract. In the event of failure to pay any laborer or mechanic, including any apprentice, trainee, or helper, employed or working on the site of the work, all or part of the wages required by the contract, the contracting agency may, after written notice to the contractor, take such action as may be necessary to cause the suspension of any further payment, advance, or guarantee of funds until such violations have ceased.

3. Payrolls and basic records

a. Payrolls and basic records relating thereto shall be maintained by the contractor during the course of the work and preserved for a period of three years thereafter for all laborers and mechanics working at the site of the work. Such records shall contain the name, address, and social security number of each such worker, his or her correct classification, hourly rates of wages paid (including rates of contributions or costs anticipated for bona fide fringe benefits or cash equivalents thereof of the types described in section 1(b)(2)(B) of the Davis-Bacon Act), daily and weekly number of hours worked, deductions made and actual wages paid. Whenever the Secretary of Labor has found under 29 CFR 5.5(a)(1)(iv) that the wages of any laborer or mechanic include the amount of any costs reasonably anticipated in providing benefits under a plan or program described in section 1(b)(2)(B) of the Davis-

Bacon Act, the contractor shall maintain records which show that the commitment to provide such benefits is enforceable, that the plan or program is financially responsible, and that the plan or program has been communicated in writing to the laborers or mechanics affected, and records which show the costs anticipated or the actual cost incurred in providing such benefits. Contractors employing apprentices or trainees under approved programs shall maintain written evidence of the registration of apprenticeship programs and certification of trainee programs, the registration of the apprentices and trainees, and the ratios and wage rates prescribed in the applicable programs.

b.(1) The contractor shall submit weekly for each week in which any contract work is performed a copy of all payrolls to the contracting agency. The payrolls submitted shall set out accurately and completely all of the information required to be maintained under 29 CFR 5.5(a)(3)(i), except that full social security numbers and home addresses shall not be included on weekly transmittals. Instead the payrolls shall only need to include an individually identifying number for each employee (e.g., the last four digits of the employee's social security number). The required weekly payroll information may be submitted in any form desired. Optional Form WH-347 is available for this purpose from the Wage and Hour Division Web site at <http://www.dol.gov/esa/whd/forms/wh347instr.htm> or its successor site. The prime contractor is responsible for the submission of copies of payrolls by all subcontractors. Contractors and subcontractors shall maintain the full social security number and current address of each covered worker, and shall provide them upon request to the contracting agency for transmission to the State DOT, the FHWA or the Wage and Hour Division of the Department of Labor for purposes of an investigation or audit of compliance with prevailing wage requirements. It is not a violation of this section for a prime contractor to require a subcontractor to provide addresses and social security numbers to the prime contractor for its own records, without weekly submission to the contracting agency..

(2) Each payroll submitted shall be accompanied by a "Statement of Compliance," signed by the contractor or subcontractor or his or her agent who pays or supervises the payment of the persons employed under the contract and shall certify the following:

(i) That the payroll for the payroll period contains the information required to be provided under §5.5 (a)(3)(ii) of Regulations, 29 CFR part 5, the appropriate information is being maintained under §5.5 (a)(3)(i) of Regulations, 29 CFR part 5, and that such information is correct and complete;

(ii) That each laborer or mechanic (including each helper, apprentice, and trainee) employed on the contract during the payroll period has been paid the full weekly wages earned, without rebate, either directly or indirectly, and that no deductions have been made either directly or indirectly from the full wages earned, other than permissible deductions as set forth in Regulations, 29 CFR part 3;

(iii) That each laborer or mechanic has been paid not less than the applicable wage rates and fringe benefits or cash equivalents for the classification of work performed, as specified in the applicable wage determination incorporated into the contract.

(3) he weekly submission of a properly executed certification set forth on the reverse side of Optional Form WH-347 shall satisfy the requirement for submission of the "Statement of Compliance" required by paragraph 3.b.(2) of this section.

(4) he falsification of any of the above certifications may subject the contractor or subcontractor to civil or criminal prosecution under section 1001 of title 18 and section 231 of title 31 of the United States Code.

c. The contractor or subcontractor shall make the records required under paragraph 3.a. of this section available for inspection, copying, or transcription by authorized representatives of the contracting agency, the State DOT, the FHWA, or the Department of Labor, and shall permit such representatives to interview employees during working hours on the job. If the contractor or subcontractor fails to submit the required records or to make them available, the FHWA may, after written notice to the contractor, the contracting agency or the State DOT, take such action as may be necessary to cause the suspension of any further payment, advance, or guarantee of funds. Furthermore, failure to submit the required records upon request or to make such records available may be grounds for debarment action pursuant to 29 CFR 5.12.

4. Apprentices and trainees

a. Apprentices (programs of the USDOL).

Apprentices will be permitted to work at less than the predetermined rate for the work they performed when they are employed pursuant to and individually registered in a bona fide apprenticeship program registered with the U.S. Department of Labor, Employment and Training Administration, Office of Apprenticeship Training, Employer and Labor Services, or with a State Apprenticeship Agency recognized by the Office, or if a person is employed in his or her first 90 days of probationary employment as an apprentice in such an apprenticeship program, who is not individually registered in the program, but who has been certified by the Office of Apprenticeship Training, Employer and Labor Services or a State Apprenticeship Agency (where appropriate) to be eligible for probationary employment as an apprentice.

The allowable ratio of apprentices to journeymen on the job site in any craft classification shall not be greater than the ratio permitted to the contractor as to the entire work force under the registered program. Any worker listed on a payroll at an apprentice wage rate, who is not registered or otherwise employed as stated above, shall be paid not less than the applicable wage rate on the wage determination for the classification of work actually performed. In addition, any apprentice performing work on the job site in excess of the ratio permitted under the registered program shall be paid not less than the applicable wage rate on the wage determination for the work actually performed. Where a contractor is performing construction on a project in a locality other than that in which its program is registered, the ratios and wage rates (expressed in percentages of the journeyman's hourly rate) specified in the contractor's or subcontractor's registered program shall be observed.

Every apprentice must be paid at not less than the rate specified in the registered program for the apprentice's level of progress, expressed as a percentage of the journeymen hourly

rate specified in the applicable wage determination. Apprentices shall be paid fringe benefits in accordance with the provisions of the apprenticeship program. If the apprenticeship program does not specify fringe benefits, apprentices must be paid the full amount of fringe benefits listed on the wage determination for the applicable classification. If the Administrator determines that a different practice prevails for the applicable apprentice classification, fringes shall be paid in accordance with that determination.

In the event the Office of Apprenticeship Training, Employer and Labor Services, or a State Apprenticeship Agency recognized by the Office, withdraws approval of an apprenticeship program, the contractor will no longer be permitted to utilize apprentices at less than the applicable predetermined rate for the work performed until an acceptable program is approved.

b. Trainees (programs of the USDOL).

Except as provided in 29 CFR 5.16, trainees will not be permitted to work at less than the predetermined rate for the work performed unless they are employed pursuant to and individually registered in a program which has received prior approval, evidenced by formal certification by the U.S. Department of Labor, Employment and Training Administration.

The ratio of trainees to journeymen on the job site shall not be greater than permitted under the plan approved by the Employment and Training Administration.

Every trainee must be paid at not less than the rate specified in the approved program for the trainee's level of progress, expressed as a percentage of the journeyman hourly rate specified in the applicable wage determination. Trainees shall be paid fringe benefits in accordance with the provisions of the trainee program. If the trainee program does not mention fringe benefits, trainees shall be paid the full amount of fringe benefits listed on the wage determination unless the Administrator of the Wage and Hour Division determines that there is an apprenticeship program associated with the corresponding journeyman wage rate on the wage determination which provides for less than full fringe benefits for apprentices. Any employee listed on the payroll at a trainee rate who is not registered and participating in a training plan approved by the Employment and Training Administration shall be paid not less than the applicable wage rate on the wage determination for the classification of work actually performed. In addition, any trainee performing work on the job site in excess of the ratio permitted under the registered program shall be paid not less than the applicable wage rate on the wage determination for the work actually performed.

In the event the Employment and Training Administration withdraws approval of a training program, the contractor will no longer be permitted to utilize trainees at less than the applicable predetermined rate for the work performed until an acceptable program is approved.

c. Equal employment opportunity. The utilization of apprentices, trainees and journeymen under this part shall be in conformity with the equal employment opportunity requirements of Executive Order 11246, as amended, and 29 CFR part 30.

d. Apprentices and Trainees (programs of the U.S. DOT).

Apprentices and trainees working under apprenticeship and skill training programs which have been certified by the Secretary of Transportation as promoting EEO in connection with Federal-aid highway construction programs are not subject to the requirements of paragraph 4 of this Section IV. The straight time hourly wage rates for apprentices and trainees under such programs will be established by the particular programs. The ratio of apprentices and trainees to journeymen shall not be greater than permitted by the terms of the particular program.

5. **Compliance with Copeland Act requirements.** The contractor shall comply with the requirements of 29 CFR part 3, which are incorporated by reference in this contract.
 6. **Subcontracts.** The contractor or subcontractor shall insert Form FHWA-1273 in any subcontracts and also require the subcontractors to include Form FHWA-1273 in any lower tier subcontracts. The prime contractor shall be responsible for the compliance by any subcontractor or lower tier subcontractor with all the contract clauses in 29 CFR 5.5.
 7. **Contract termination: debarment.** A breach of the contract clauses in 29 CFR 5.5 may be grounds for termination of the contract, and for debarment as a contractor and a subcontractor as provided in 29 CFR 5.12.
 8. **Compliance with Davis-Bacon and Related Act requirements.** All rulings and interpretations of the Davis-Bacon and Related Acts contained in 29 CFR parts 1, 3, and 5 are herein incorporated by reference in this contract.
 9. **Disputes concerning labor standards.** Disputes arising out of the labor standards provisions of this contract shall not be subject to the general disputes clause of this contract. Such disputes shall be resolved in accordance with the procedures of the Department of Labor set forth in 29 CFR parts 5, 6, and 7. Disputes within the meaning of this clause include disputes between the contractor (or any of its subcontractors) and the contracting agency, the U.S. Department of Labor, or the employees or their representatives.
- 10. Certification of eligibility.**
- a. By entering into this contract, the contractor certifies that neither it (nor he or she) nor any person or firm who has an interest in the contractor's firm is a person or firm ineligible to be awarded Government contracts by virtue of section 3(a) of the Davis-Bacon Act or 29 CFR 5.12(a)(1).
 - b. No part of this contract shall be subcontracted to any person or firm ineligible for award of a Government contract by virtue of section 3(a) of the Davis-Bacon Act or 29 CFR 5.12(a)(1).
 - c. The penalty for making false statements is prescribed in the U.S. Criminal Code, 18 U.S.C. 1001.

V. CONTRACT WORK HOURS AND SAFETY STANDARDS ACT

The following clauses apply to any Federal-aid construction contract in an amount in excess of \$100,000 and subject to the overtime provisions of the Contract Work Hours and Safety Standards Act. These clauses shall be inserted in addition to the clauses required by 29 CFR 5.5(a) or 29 CFR 4.6. As used in this paragraph, the terms laborers and mechanics include watchmen and guards.

1. **Overtime requirements.** No contractor or subcontractor contracting for any part of the contract work which may require or involve the employment of laborers or mechanics shall require or permit any such laborer or mechanic in any workweek in which he or she is employed on such work to work in excess of forty hours in such workweek unless such laborer or mechanic receives compensation at a rate not less than one and one-half times the basic rate of pay for all hours worked in excess of forty hours in such workweek.
2. **Violation; liability for unpaid wages; liquidated damages.** In the event of any violation of the clause set forth in paragraph (1.) of this section, the contractor and any subcontractor responsible therefor shall be liable for the unpaid wages. In addition, such contractor and subcontractor shall be liable to the United States (in the case of work done under contract for the District of Columbia or a territory, to such District or to such territory), for liquidated damages. Such liquidated damages shall be computed with respect to each individual laborer or mechanic, including watchmen and guards, employed in violation of the clause set forth in paragraph (1.) of this section, in the sum of \$10 for each calendar day on which such individual was required or permitted to work in excess of the standard workweek of forty hours without payment of the overtime wages required by the clause set forth in paragraph (1.) of this section.
3. **Withholding for unpaid wages and liquidated damages.** The FHWA or the contracting agency shall upon its own action or upon written request of an authorized representative of the Department of Labor withhold or cause to be withheld, from any moneys payable on account of work performed by the contractor or subcontractor under any such contract or any other Federal contract with the same prime contractor, or any other federally-assisted contract subject to the Contract Work Hours and Safety Standards Act, which is held by the same prime contractor, such sums as may be determined to be necessary to satisfy any liabilities of such contractor or subcontractor for unpaid wages and liquidated damages as provided in the clause set forth in paragraph (2.) of this section.
4. **Subcontracts.** The contractor or subcontractor shall insert in any subcontracts the clauses set forth in paragraph (1.) through (4.) of this section and also a clause requiring the subcontractors to include these clauses in any lower tier subcontracts. The prime contractor shall be responsible for compliance by any subcontractor or lower tier subcontractor with the clauses set forth in paragraphs (1.) through (4.) of this section.

VI. SUBLETTING OR ASSIGNING THE CONTRACT

This provision is applicable to all Federal-aid construction contracts on the National Highway System.

1. The contractor shall perform with its own organization contract work amounting to not less than 30 percent (or a greater percentage if specified elsewhere in the contract) of the total original contract price, excluding any specialty items designated by the contracting agency. Specialty items may be performed by subcontract and the amount of any such specialty items performed may be deducted from the total original contract price before computing the amount of work required to be performed by the contractor's own organization (23 CFR 635.116).

a. The term "perform work with its own organization" refers to workers employed or leased by the prime contractor, and equipment owned or rented by the prime contractor, with or without operators. Such term does not include employees or equipment of a subcontractor or lower tier subcontractor, agents of the prime contractor, or any other assignees. The term may include payments for the costs of hiring leased employees from an employee leasing firm meeting all relevant Federal and State regulatory requirements. Leased employees may only be included in this term if the prime contractor meets all of the following conditions:

(1) the prime contractor maintains control over the supervision of the day-to-day activities of the leased employees;

(2) the prime contractor remains responsible for the quality of the work of the leased employees;

(3) the prime contractor retains all power to accept or exclude individual employees from work on the project; and

(4) the prime contractor remains ultimately responsible for the payment of predetermined minimum wages, the submission of payrolls, statements of compliance and all other Federal regulatory requirements.

b. "Specialty Items" shall be construed to be limited to work that requires highly specialized knowledge, abilities, or equipment not ordinarily available in the type of contracting organizations qualified and expected to bid or propose on the contract as a whole and in general are to be limited to minor components of the overall contract.

2. The contract amount upon which the requirements set forth in paragraph (1) of Section VI is computed includes the cost of material and manufactured products which are to be purchased or produced by the contractor under the contract provisions.

3. The contractor shall furnish (a) a competent superintendent or supervisor who is employed by the firm, has full authority to direct performance of the work in accordance with the contract requirements, and is in charge of all construction operations (regardless of who performs the work) and (b) such other of its own organizational resources (supervision, management, and engineering services) as the contracting officer determines is necessary to assure the performance of the contract.

4. No portion of the contract shall be sublet, assigned or otherwise disposed of except with the written consent of the contracting officer, or authorized representative, and such consent when given shall not be construed to relieve the contractor of any responsibility for the fulfillment of the contract. Written consent will be given only after the contracting agency has assured that each subcontract is

evidenced in writing and that it contains all pertinent provisions and requirements of the prime contract.

5. The 30% self-performance requirement of paragraph (1) is not applicable to design-build contracts; however, contracting agencies may establish their own self-performance requirements.

VII. SAFETY: ACCIDENT PREVENTION

This Provision is applicable to all Federal-aid construction contracts and to all related subcontracts.

1. In the performance of this contract the contractor shall comply with all applicable Federal, State, and local laws governing safety, health, and sanitation (23 CFR 635). The contractor shall provide all safeguards, safety devices and protective equipment and take any other needed actions as it determines, or as the contracting officer may determine, to be reasonably necessary to protect the life and health of employees on the job and the safety of the public and to protect property in connection with the performance of the work covered by the contract.
2. It is a condition of this contract, and shall be made a condition of each subcontract, which the contractor enters into pursuant to this contract, that the contractor and any subcontractor shall not permit any employee, in performance of the contract, to work in surroundings or under conditions which are unsanitary, hazardous or dangerous to his/her health or safety, as determined under construction safety and health standards (29 CFR 1926) promulgated by the Secretary of Labor, in accordance with Section 107 of the Contract Work Hours and Safety Standards Act (40 U.S.C. 3704).
3. Pursuant to 29 CFR 1926.3, it is a condition of this contract that the Secretary of Labor or authorized representative thereof, shall have right of entry to any site of contract performance to inspect or investigate the matter of compliance with the construction safety and health standards and to carry out the duties of the Secretary under Section 107 of the Contract Work Hours and Safety Standards Act (40 U.S.C.3704).

VIII. FALSE STATEMENTS CONCERNING HIGHWAY PROJECTS

This provision is applicable to all Federal-aid construction contracts and to all related subcontracts.

In order to assure high quality and durable construction in conformity with approved plans and specifications and a high degree of reliability on statements and representations made by engineers, contractors, suppliers, and workers on Federal-aid highway projects, it is essential that all persons concerned with the project perform their functions as carefully, thoroughly, and honestly as possible. Willful falsification, distortion, or misrepresentation with respect to any facts related to the project is a violation of Federal law. To prevent any misunderstanding regarding the seriousness of these and similar acts, Form FHWA-1022 shall be posted on each Federal-aid highway project (23 CFR 635) in one or more places where it is readily available to all persons concerned with the project:

18 U.S.C. 1020 reads as follows:

"Whoever, being an officer, agent, or employee of the United States, or of any State or Territory, or whoever, whether a person, association, firm, or corporation, knowingly makes any false statement, false representation, or false report as to the character, quality, quantity, or cost of the material used or to be used, or the quantity or quality of the work performed or to be performed, or the cost thereof in connection with the submission of plans, maps, specifications, contracts, or costs of construction on any highway or related project submitted for approval to the Secretary of Transportation; or

Whoever knowingly makes any false statement, false representation, false report or false claim with respect to the character, quality, quantity, or cost of any work performed or to be performed, or materials furnished or to be furnished, in connection with the construction of any highway or related project approved by the Secretary of Transportation; or

Whoever knowingly makes any false statement or false representation as to material fact in any statement, certificate, or report submitted pursuant to provisions of the Federal-aid Roads Act approved July 1, 1916, (39 Stat. 355), as amended and supplemented;

Shall be fined under this title or imprisoned not more than 5 years or both."

IX. IMPLEMENTATION OF CLEAN AIR ACT AND FEDERAL WATER POLLUTION CONTROL ACT

This provision is applicable to all Federal-aid construction contracts and to all related subcontracts.

By submission of this bid/proposal or the execution of this contract, or subcontract, as appropriate, the bidder, proposer, Federal-aid construction contractor, or subcontractor, as appropriate, will be deemed to have stipulated as follows:

1. That any person who is or will be utilized in the performance of this contract is not prohibited from receiving an award due to a violation of Section 508 of the Clean Water Act or Section 306 of the Clean Air Act.
2. That the contractor agrees to include or cause to be included the requirements of paragraph (1) of this Section X in every subcontract, and further agrees to take such action as the contracting agency may direct as a means of enforcing such requirements.

X. CERTIFICATION REGARDING DEBARMENT, SUSPENSION, INELIGIBILITY AND VOLUNTARY EXCLUSION

This provision is applicable to all Federal-aid construction contracts, design-build contracts, subcontracts, lower-tier subcontracts, purchase orders, lease agreements, consultant contracts or any other covered transaction requiring FHWA approval or that is estimated to cost \$25,000 or more – as defined in 2 CFR Parts 180 and 1200.

1. Instructions for Certification – First Tier Participants:

- a. By signing and submitting this proposal, the prospective first tier participant is providing the certification set out below.
- b. The inability of a person to provide the certification set out below will not necessarily result in denial of participation in this

covered transaction. The prospective first tier participant shall submit an explanation of why it cannot provide the certification set out below. The certification or explanation will be considered in connection with the department or agency's determination whether to enter into this transaction. However, failure of the prospective first tier participant to furnish a certification or an explanation shall disqualify such a person from participation in this transaction.

c. The certification in this clause is a material representation of fact upon which reliance was placed when the contracting agency determined to enter into this transaction. If it is later determined that the prospective participant knowingly rendered an erroneous certification, in addition to other remedies available to the Federal Government, the contracting agency may terminate this transaction for cause of default.

d. The prospective first tier participant shall provide immediate written notice to the contracting agency to whom this proposal is submitted if any time the prospective first tier participant learns that its certification was erroneous when submitted or has become erroneous by reason of changed circumstances.

e. The terms "covered transaction," "debarred," "suspended," "ineligible," "participant," "person," "principal," and "voluntarily excluded," as used in this clause, are defined in 2 CFR Parts 180 and 1200. "First Tier Covered Transactions" refers to any covered transaction between a grantee or subgrantee of Federal funds and a participant (such as the prime or general contract). "Lower Tier Covered Transactions" refers to any covered transaction under a First Tier Covered Transaction (such as subcontracts). "First Tier Participant" refers to the participant who has entered into a covered transaction with a grantee or subgrantee of Federal funds (such as the prime or general contractor). "Lower Tier Participant" refers to any participant who has entered into a covered transaction with a First Tier Participant or other Lower Tier Participants (such as subcontractors and suppliers).

f. The prospective first tier participant agrees by submitting this proposal that, should the proposed covered transaction be entered into, it shall not knowingly enter into any lower tier covered transaction with a person who is debarred, suspended, declared ineligible, or voluntarily excluded from participation in this covered transaction, unless authorized by the department or agency entering into this transaction.

g. The prospective first tier participant further agrees by submitting this proposal that it will include the clause titled "Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion-Lower Tier Covered Transactions," provided by the department or contracting agency, entering into this covered transaction, without modification, in all lower tier covered transactions and in all solicitations for lower tier covered transactions exceeding the \$25,000 threshold.

h. A participant in a covered transaction may rely upon a certification of a prospective participant in a lower tier covered transaction that is not debarred, suspended, ineligible, or voluntarily excluded from the covered transaction, unless it knows that the certification is erroneous. A participant is responsible for ensuring that its principals are not suspended, debarred, or otherwise ineligible to participate in covered transactions. To verify the eligibility of its principals, as well as the eligibility of any lower tier prospective participants, each participant may, but is not required to, check the Excluded Parties List System website (<https://www.epls.gov/>), which is compiled by the General Services Administration.

i. Nothing contained in the foregoing shall be construed to require the establishment of a system of records in order to render in good faith the certification required by this clause. The knowledge and information of the prospective participant is not required to exceed that which is normally possessed by a prudent person in the ordinary course of business dealings.

j. Except for transactions authorized under paragraph (f) of these instructions, if a participant in a covered transaction knowingly enters into a lower tier covered transaction with a person who is suspended, debarred, ineligible, or voluntarily excluded from participation in this transaction, in addition to other remedies available to the Federal Government, the department or agency may terminate this transaction for cause or default.

* * * * *

2. Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion – First Tier Participants:

a. The prospective first tier participant certifies to the best of its knowledge and belief, that it and its principals:

(1) Are not presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from participating in covered transactions by any Federal department or agency;

(2) Have not within a three-year period preceding this proposal been convicted of or had a civil judgment rendered against them for commission of fraud or a criminal offense in connection with obtaining, attempting to obtain, or performing a public (Federal, State or local) transaction or contract under a public transaction; violation of Federal or State antitrust statutes or commission of embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements, or receiving stolen property;

(3) Are not presently indicted for or otherwise criminally or civilly charged by a governmental entity (Federal, State or local) with commission of any of the offenses enumerated in paragraph (a)(2) of this certification; and

(4) Have not within a three-year period preceding this application/proposal had one or more public transactions (Federal, State or local) terminated for cause or default.

b. Where the prospective participant is unable to certify to any of the statements in this certification, such prospective participant shall attach an explanation to this proposal.

2. Instructions for Certification - Lower Tier Participants:

(Applicable to all subcontracts, purchase orders and other lower tier transactions requiring prior FHWA approval or estimated to cost \$25,000 or more - 2 CFR Parts 180 and 1200)

a. By signing and submitting this proposal, the prospective lower tier is providing the certification set out below.

b. The certification in this clause is a material representation of fact upon which reliance was placed when this transaction was entered into. If it is later determined that the prospective lower tier participant knowingly rendered an erroneous certification, in addition to other remedies available to the Federal Government, the department, or agency with which

this transaction originated may pursue available remedies, including suspension and/or debarment.

c. The prospective lower tier participant shall provide immediate written notice to the person to which this proposal is submitted if at any time the prospective lower tier participant learns that its certification was erroneous by reason of changed circumstances.

d. The terms "covered transaction," "debarred," "suspended," "ineligible," "participant," "person," "principal," and "voluntarily excluded," as used in this clause, are defined in 2 CFR Parts 180 and 1200. You may contact the person to which this proposal is submitted for assistance in obtaining a copy of those regulations. "First Tier Covered Transactions" refers to any covered transaction between a grantee or subgrantee of Federal funds and a participant (such as the prime or general contractor). "Lower Tier Covered Transactions" refers to any covered transaction under a First Tier Covered Transaction (such as subcontracts). "First Tier Participant" refers to the participant who has entered into a covered transaction with a grantee or subgrantee of Federal funds (such as the prime or general contractor). "Lower Tier Participant" refers any participant who has entered into a covered transaction with a First Tier Participant or other Lower Tier Participants (such as subcontractors and suppliers).

e. The prospective lower tier participant agrees by submitting this proposal that, should the proposed covered transaction be entered into, it shall not knowingly enter into any lower tier covered transaction with a person who is debarred, suspended, declared ineligible, or voluntarily excluded from participation in this covered transaction, unless authorized by the department or agency with which this transaction originated.

f. The prospective lower tier participant further agrees by submitting this proposal that it will include this clause titled "Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion-Lower Tier Covered Transaction," without modification, in all lower tier covered transactions and in all solicitations for lower tier covered transactions exceeding the \$25,000 threshold.

g. A participant in a covered transaction may rely upon a certification of a prospective participant in a lower tier covered transaction that is not debarred, suspended, ineligible, or voluntarily excluded from the covered transaction, unless it knows that the certification is erroneous. A participant is responsible for ensuring that its principals are not suspended, debarred, or otherwise ineligible to participate in covered transactions. To verify the eligibility of its principals, as well as the eligibility of any lower tier prospective participants, each participant may, but is not required to, check the Excluded Parties List System website (<https://www.epls.gov/>), which is compiled by the General Services Administration.

h. Nothing contained in the foregoing shall be construed to require establishment of a system of records in order to render in good faith the certification required by this clause. The knowledge and information of participant is not required to exceed that which is normally possessed by a prudent person in the ordinary course of business dealings.

i. Except for transactions authorized under paragraph e of these instructions, if a participant in a covered transaction knowingly enters into a lower tier covered transaction with a person who is suspended, debarred, ineligible, or voluntarily excluded from participation in this transaction, in addition to other remedies available to the Federal Government, the

department or agency with which this transaction originated may pursue available remedies, including suspension and/or debarment.

* * * * *

Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion--Lower Tier Participants:

1. The prospective lower tier participant certifies, by submission of this proposal, that neither it nor its principals is presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from participating in covered transactions by any Federal department or agency.

2. Where the prospective lower tier participant is unable to certify to any of the statements in this certification, such prospective participant shall attach an explanation to this proposal.

* * * * *

XI. CERTIFICATION REGARDING USE OF CONTRACT FUNDS FOR LOBBYING

This provision is applicable to all Federal-aid construction contracts and to all related subcontracts which exceed \$100,000 (49 CFR 20).

1. The prospective participant certifies, by signing and submitting this bid or proposal, to the best of his or her knowledge and belief, that:

a. No Federal appropriated funds have been paid or will be paid, by or on behalf of the undersigned, to any person for influencing or attempting to influence an officer or employee of any Federal agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with the awarding of any Federal contract, the making of any Federal grant, the making of any Federal loan, the entering into of any cooperative agreement, and the extension, continuation, renewal, amendment, or modification of any Federal contract, grant, loan, or cooperative agreement.

b. If any funds other than Federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any Federal agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with this Federal contract, grant, loan, or cooperative agreement, the undersigned shall complete and submit Standard Form-LLL, "Disclosure Form to Report Lobbying," in accordance with its instructions.

2. This certification is a material representation of fact upon which reliance was placed when this transaction was made or entered into. Submission of this certification is a prerequisite for making or entering into this transaction imposed by 31 U.S.C. 1352. Any person who fails to file the required certification shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure.

3. The prospective participant also agrees by submitting its bid or proposal that the participant shall require that the language of this certification be included in all lower tier subcontracts, which exceed \$100,000 and that all such recipients shall certify and disclose accordingly.

**ATTACHMENT A - EMPLOYMENT AND MATERIALS
PREFERENCE FOR APPALACHIAN DEVELOPMENT
HIGHWAY SYSTEM OR APPALACHIAN LOCAL ACCESS
ROAD CONTRACTS**

This provision is applicable to all Federal-aid projects funded under the Appalachian Regional Development Act of 1965.

1. During the performance of this contract, the contractor undertaking to do work which is, or reasonably may be, done as on-site work, shall give preference to qualified persons who regularly reside in the labor area as designated by the DOL wherein the contract work is situated, or the subregion, or the Appalachian counties of the State wherein the contract work is situated, except:

a. To the extent that qualified persons regularly residing in the area are not available.

b. For the reasonable needs of the contractor to employ supervisory or specially experienced personnel necessary to assure an efficient execution of the contract work.

c. For the obligation of the contractor to offer employment to present or former employees as the result of a lawful collective bargaining contract, provided that the number of nonresident persons employed under this subparagraph (1c) shall not exceed 20 percent of the total number of employees employed by the contractor on the contract work, except as provided in subparagraph (4) below.

2. The contractor shall place a job order with the State Employment Service indicating (a) the classifications of the laborers, mechanics and other employees required to perform the contract work, (b) the number of employees required in each classification, (c) the date on which the participant estimates such employees will be required, and (d) any other pertinent information required by the State Employment Service to complete the job order form. The job order may be placed with the State Employment Service in writing or by telephone. If during the course of the contract work, the information submitted by the contractor in the original job order is substantially modified, the participant shall promptly notify the State Employment Service.

3. The contractor shall give full consideration to all qualified job applicants referred to him by the State Employment Service. The contractor is not required to grant employment to any job applicants who, in his opinion, are not qualified to perform the classification of work required.

4. If, within one week following the placing of a job order by the contractor with the State Employment Service, the State Employment Service is unable to refer any qualified job applicants to the contractor, or less than the number requested, the State Employment Service will forward a certificate to the contractor indicating the unavailability of applicants. Such certificate shall be made a part of the contractor's permanent project records. Upon receipt of this certificate, the contractor may employ persons who do not normally reside in the labor area to fill positions covered by the certificate, notwithstanding the provisions of subparagraph (1c) above.

5. The provisions of 23 CFR 633.207(e) allow the contracting agency to provide a contractual preference for the use of mineral resource materials native to the Appalachian region.

6. The contractor shall include the provisions of Sections 1 through 4 of this Attachment A in every subcontract for work which is, or reasonably may be, done as on-site work.

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION
**CERTIFICATION FOR DISCLOSURE OF LOBBYING ACTIVITIES
ON FEDERAL-AID CONTRACTS**
(Compliance with 49CFR, Section 20.100 (b))

375-030-33
PROCUREMENT
10/01

The prospective participant certifies, by signing this certification, that to the best of his or her knowledge and belief:

(1) No federal appropriated funds have been paid or will be paid, by or on behalf of the undersigned, to any person for influencing or attempting to influence an officer or employee of any federal agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with the awarding of any federal contract, the making of any federal grant, the making of any federal loan, the entering into of any cooperative agreement, and the extension, continuation, renewal, amendment, or modification of any federal contract, grant, loan, or cooperative agreement.

(2) If any funds other than federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any federal agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with this federal contract, grant, loan, or cooperative agreement, the undersigned shall complete and submit Standard Form-LLL, "Disclosure of Lobbying Activities", in accordance with its instructions. (Standard Form-LLL can be obtained from the Florida Department of Transportation's Professional Services Administrator or Procurement Office.)

This certification is a material representation of fact upon which reliance was placed when this transaction was made or entered into. Submission of this certification is a prerequisite for making or entering into this transaction imposed by Section 1352, Title 31, U.S. Code. Any person who fails to file the required certification shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure.

The prospective participant also agrees by submitting his or her proposal that he or she shall require that the language of this certification be included in all lower tier subcontracts, which exceed \$100,000 and that all such subrecipients shall certify and disclose accordingly.

Name of Consultant: _____

By: _____ Date: _____

Authorized Signature: _____

Title: _____

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION
DISCLOSURE OF LOBBYING ACTIVITIES

375-030-34
 PROCUREMENT
 02/16

Is this form applicable to your firm?

YES NO

If *no*, then please complete section 4 below for "Prime"

<p>1. Type of Federal Action: a. contract b. grant c. cooperative agreement d. loan e. loan guarantee f. loan insurance</p>	<p>2. Status of Federal Action: a. bid/offer/application b. initial award c. post-award</p>	<p>3. Report Type: a. initial filing b. material change For Material Change Only: Year: _____ Quarter: _____ Date of last report: _____ (mm/dd/yyyy)</p>
<p>4. Name and Address of Reporting Entity: <input type="checkbox"/> Prime <input type="checkbox"/> Subawardee Tier _____, <i>if known</i>: _____ _____ _____ Congressional District, <i>if known</i>: 4c _____</p>	<p>5. If Reporting Entity in No. 4 is a Subawardee, Enter Name and Address of Prime: _____ _____ _____ Congressional District, <i>if known</i>: _____</p>	
<p>6. Federal Department/Agency: _____ _____</p>	<p>7. Federal Program Name/Description: _____ _____ CFDA Number, <i>if applicable</i>: _____</p>	
<p>8. Federal Action Number, <i>if known</i>: _____</p>	<p>9. Award Amount, <i>if known</i>: \$ _____</p>	
<p>10. a. Name and Address of Lobbying Registrant (<i>if individual, last name, first name, MI</i>): _____ _____</p>	<p>b. Individuals Performing Services (<i>including address if different from No. 10a</i>) (<i>last name, first name, MI</i>): _____ _____ _____</p>	
<p>11. Information requested through this form is authorized by title 31 U.S.C. section 1352. This disclosure of lobbying activities is a material representation of fact upon which reliance was placed by the tier above when this transaction was made or entered into. This disclosure is required pursuant to 31 U.S.C. 1352. This information will be available for public inspection. Any person who fails to file the required disclosure shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure.</p>	<p>Signature: _____ Print Name: _____ Title: _____ Telephone No.: _____ Date (mm/dd/yyyy): _____</p>	
<p>Federal Use Only:</p>		<p>Authorized for Local Reproduction Standard Form LLL (Rev. 7-97)</p>

INSTRUCTIONS FOR COMPLETION OF SF-LLL, DISCLOSURE OF LOBBYING ACTIVITIES

This disclosure form shall be completed by the reporting entity, whether subawardee or prime Federal recipient, at the initiation or receipt of a covered Federal action, or a material change to a previous filing, pursuant to title 31 U.S.C. section 1352. The filing of a form is required for each payment or agreement to make payment to any lobbying entity for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with a covered Federal action. Complete all items that apply for both the initial filing and material change report. Refer to the implementing guidance published by the Office of Management and Budget for additional information.

1. Identify the type of covered Federal action for which lobbying activity is and/or has been secured to influence the outcome of a covered Federal action.
2. Identify the status of the covered Federal action.
3. Identify the appropriate classification of this report. If this is a followup report caused by a material change to the information previously reported, enter the year and quarter in which the change occurred. Enter the date of the last previously submitted report by this reporting entity for this covered Federal action.
4. Enter the fullname, address, city, State and zip code of the reporting entity. Include Congressional District, if known. Check the appropriate classification of the reporting entity that designates if it is, or expects to be, a prime or subaward recipient. Identify the tier of the subawardee, e.g., the first subawardee of the prime is the 1st tier. Subawards include but are not limited to subcontracts, subgrants and contract awards under grants.
5. If the organization filing the report in item 4 checks "Subawardee," then enter the full name, address, city, State and zip code of the prime Federal recipient. Include Congressional District, if known.
6. Enter the name of the Federal agency making the award or loan commitment. Include at least one organizational level below agency name, if known. For example, Department of Transportation, United States Coast Guard.
7. Enter the Federal program name or description for the covered Federal action (item 1). If known, enter the full Catalog of Federal Domestic Assistance (CFDA) number for grants, cooperative agreements, loans, and loan commitments.
8. Enter the most appropriate Federal identifying number available for the Federal action identified in item 1 (e.g., Request for Proposal (RFP) number; Invitation for Bid (IFB) number; grant announcement number; the contract, grant, or loan award number; the application/proposal control number assigned by the Federal agency). Include prefixes, e.g., "RFP-DE-90-001."
9. For a covered Federal action where there has been an award or loan commitment by the Federal agency, enter the Federal amount of the award/loan commitment for the prime entity identified in item 4 or 5.
10. (a) Enter full name, address, city, State and zip code of the lobbying registrant under the Lobbying Disclosure Act of 1995 engaged by the reporting entity identified in Item 4 to influence the covered Federal action.

(b) Enter full names of the individual(s) performing services, and include full address if different from 10(a). Enter Last Name, First Name, and Middle Initial (MI).
11. The certifying official shall sign and date the form, print his/her name, title, and telephone number.

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION
**NON-COLLUSION DECLARATION AND
COMPLIANCE WITH 49 CFR § 29**

575-060-13
RIGHT OF WAY
05/01
Page 1 of 3

ITEM/SEGMENT NO.: _____
F.A.P. NO.: _____
MANAGING DISTRICT: _____
PARCEL NO.: _____
COUNTY OF: _____
BID LETTING OF: _____

I, _____, hereby declare that I am
(NAME)
_____ of _____
(TITLE) (FIRM)
of _____
(CITY AND STATE)

and that I am the person responsible within my firm for the final decision as to the price(s) and amount of this Bid on this State Project.

I further declare that:

1. The prices(s) and amount of this bid have been arrived at independently, without consultation, communication or agreement, for the purpose of restricting competition with any other contractor, bidder or potential bidder.
2. Neither the price(s) nor the amount of this bid have been disclosed to any other firm or person who is a bidder or potential bidder on this project, and will not be so disclosed prior to the bid opening.
3. No attempt has been made or will be made to solicit, cause or induce any other firm or person to refrain from bidding on this project, or to submit a bid higher than the bid of this firm, or any intentionally high or non-competitive bid or other form of complementary bid.
4. The bid of my firm is made in good faith and not pursuant to any agreement or discussion with, or inducement from, any firm or person to submit a complementary bid.
5. My firm has not offered or entered into a subcontract or agreement regarding the purchase of materials or services from any firm or person, or offered, promised or paid cash or anything of value to any firm or person, whether in connection with this or any other project, in consideration for an agreement or promise by any firm or person to refrain from bidding or to submit a complementary bid on this project.
6. My firm has not accepted or been promised any subcontract or agreement regarding the sale of materials or services to any firm or person, and has not been promised or paid cash or anything of value by any firm or person, whether in connection with this or any other project, in consideration for my firm's submitting a complementary bid, or agreeing to do so, on this project.
7. I have made a diligent inquiry of all members, officers, employees, and agents of my firm with responsibilities relating to the preparation, approval or submission of my firm's bid on this project and have been advised by each of them that he or she has not participated in any communication, consultation, discussion, agreement, collusion, act or other conduct inconsistent with any of the statements and representations made in this Declaration.
8. As required by Section 337.165, Florida Statutes, the firm has fully informed the Department of Transportation in writing of all convictions of the firm, its affiliates (as defined in Section 337.165(1)(a), Florida Statutes), and all directors, officers, and employees of the firm and its affiliates for violation of state or federal antitrust laws with respect to a public contract or for violation of any state or federal law involving fraud, bribery, collusion, conspiracy or material misrepresentation with respect to a public contract. This includes disclosure of the names of current employees of the firm or affiliates who were convicted of contract crimes while in the employ of another company.

9. I certify that, except as noted below, neither my firm nor any person associated therewith in the capacity of owner, partner, director, officer, principal, investigator, project director, manager, auditor, and/or position involving the administration of Federal funds:

(a) is presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from covered transactions, as defined in 49 CFR §29.110(a), by any Federal department or agency;

(b) has within a three-year period preceding this certification been convicted of or had a civil judgment rendered against him or her for: commission of fraud or a criminal offense in connection with obtaining, attempting to obtain, or performing a Federal, State or local government transaction or public contract; violation of Federal or State antitrust statutes; or commission of embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements or receiving stolen property;

(c) is presently indicted for or otherwise criminally or civilly charged by a Federal, State or local governmental entity with commission of any of the offenses enumerated in paragraph 9(b) of this certification; and

(d) has within a three-year period preceding this certification had one or more Federal, State or local government public transactions terminated for cause or default.

10. I(We), certify that I(We), shall not knowingly enter into any transaction with any subcontractor, material supplier, or vendor who is debarred, suspended, declared ineligible, or voluntarily excluded from participation in this contract by any Federal Agency unless authorized by the Department.

Where I am unable to declare or certify as to any of the statements contained in the above stated paragraphs numbered (1) through (10), I have provided an explanation in the "Exceptions" portion below or by attached separate sheet.

EXCEPTIONS:

(Any exception listed above will not necessarily result in denial of award, but will be considered in determining bidder responsibility. For any exception noted, indicate to whom it applies, initiating agency and dates of agency action. Providing false information may result in criminal prosecution and/or administrative sanctions.)

I declare under penalty of perjury that the foregoing is true and correct.

CONTRACTOR: _____ (Seal)

BY: _____
NAME AND TITLE PRINTED

WITNESS: _____

BY: _____
SIGNATURE

WITNESS: _____

Executed on this _____ day of _____, _____

**FAILURE TO FULLY COMPLETE AND EXECUTE THIS DOCUMENT
MAY RESULT IN THE BID BEING DECLARED NONRESPONSIVE**

REQUIRED CONTRACT PROVISIONS

This certification applies to subcontractors, material suppliers, vendors and other lower tier participants.

- Appendix B of 49 CFR Part 29 –

Appendix B—Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion—Lower Tier Covered Transactions

Instructions for Certification

1. By signing and submitting this proposal, the prospective lower tier participant is providing the certification set out below.

2. The certification in this clause is a material representation of fact upon which reliance was placed when this transaction was entered. If it is later determined that the prospective lower tier participant knowingly rendered an erroneous certification, in addition to other remedies available to the Federal Government, the department or agency with which this transaction originated may pursue available remedies, including suspension and/or debarment.

3. The prospective lower tier participant shall provide immediate written notice to the person to which this proposal is submitted if at any time the prospective lower tier participant learns that its certification was erroneous when submitted or has become erroneous by reason of changed circumstances.

4. The terms "covered transaction," "debarred," "suspended," "ineligible," "lower tier covered transaction," "participant," "person," "primary covered transaction," "principal," "proposal," and "voluntarily excluded," as used in this clause, have the meanings set out in the Definitions and Coverage sections of rules implementing Executive Order 12549. You may contact the person to whom this proposal is submitted for assistance in obtaining a copy of those regulations.

5. The prospective lower tier participant agrees by submitting this proposal that it shall not knowingly enter into any lower tier covered transaction with a person who is debarred, suspended, declared ineligible, or voluntarily excluded from participation in this covered transaction, unless authorized by the department or agency with which this transaction originated.

6. The prospective lower tier participant further agrees by submitting this proposal that it will include this clause titled "Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion--Lower Tier Covered Transaction," without modification, in all lower tier covered transactions and in all solicitations for lower tier covered transactions.

7. A participant in a covered transaction may rely upon a certification of a prospective participant in a lower tier covered transaction that it is not debarred, suspended, ineligible, or voluntarily excluded from the covered transaction, unless it knows that the certification is erroneous. A participant may decide the method and frequency by which it determines the eligibility of its principals. Each participant may, but is not required to, check the Nonprocurement List.

8. Nothing contained in the foregoing shall be construed to require establishment of a system of records in order to render in good faith the certification required by this clause. The knowledge and information of a participant is not required to exceed that which is normally possessed by a prudent person in the ordinary course of business dealings.

9. Except for transactions authorized under paragraph 5 of these instructions, if a participant in a covered transaction knowingly enters into a lower tier covered transaction with a person who is suspended, debarred, ineligible, or voluntarily excluded from participation in this transaction, in addition to other remedies available to the Federal Government, the department or agency with which this transaction originated may pursue available remedies, including suspension and/or debarment.

Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion—Lower Tier Covered Transactions

(1) The prospective lower tier participant certifies, by submission of this proposal, that neither it nor its principals is presently debarred, suspended, proposed for debarment, declared ineligible, or voluntary excluded from participation in this transaction by any Federal department or agency.

(2) Where the prospective lower tier participant is unable to certify to any of the statements in this certification, such prospective participant shall attach an explanation to this proposal.

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION
**CERTIFICATION REGARDING DEBARMENT, SUSPENSION,
INELIGIBILITY AND VOLUNTARY EXCLUSION-
LOWER TIER COVERED TRANSACTIONS FOR FEDERAL AID CONTRACTS
(Compliance with 2 CFR Parts 180 and 1200)**

It is certified that neither the below identified firm nor its principals are presently suspended, proposed for debarment, declared ineligible, or voluntarily excluded from participation in this transaction by any federal department or agency

Name of Consultant/Contractor: -----

By: _____

Date: -----

Title: -----

Instructions for Certification

Instructions for Certification- Lower Tier Participants:

(Applicable to all subcontracts, purchase orders and other lower tier transactions requiring prior FHWA approval or estimated to cost \$25,000 or more - 2 CFR Parts 180 and 1200)

- a. By signing and submitting this proposal, the prospective lower tier is providing the certification set out below.
- b. The certification in this clause is a material representation of fact upon which reliance was placed when this transaction was entered into. If it is later determined that the prospective lower tier participant knowingly rendered an erroneous certification, in addition to other remedies available to the Federal Government, the department, or agency with which this transaction originated may pursue available remedies, including suspension and/or debarment
- c. The prospective lower tier participant shall provide immediate written notice to the person to which this proposal is submitted if at any time the prospective lower tier participant learns that its certification was erroneous by reason of changed circumstances.
- d. The terms "covered transaction," "debarred," "suspended," "ineligible," "participant," "person," "principal," and "voluntarily excluded," as used in this clause, are defined in 2 CFR Parts 180 and 1200. You may contact the person to which this proposal is submitted for assistance in obtaining a copy of those regulations. "First Tier Covered Transactions" refers to any covered transaction between a grantee or subgrantee of Federal funds and a participant (such as the prime or general contract). "Lower Tier Covered Transactions" refers to any covered transaction under a First Tier Covered Transaction (such as subcontracts). "First Tier Participant" refers to the participant who has entered into a covered transaction with a grantee or subgrantee of Federal funds (such as the prime or general contractor). "Lower Tier Participant" refers any participant who has entered into a covered transaction with a First Tier Participant or other Lower Tier Participants (such as subcontractors and suppliers).
- e. The prospective lower tier participant agrees by submitting this proposal that, should the proposed covered transaction be entered into, it shall not knowingly enter into any lower tier covered transaction with a person who is debarred, suspended, declared ineligible, or voluntarily excluded from participation in this covered transaction, unless authorized by the department or agency with which this transaction originated.
- f. The prospective lower tier participant further agrees by submitting this proposal that it will include this clause titled "Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion-Lower Tier Covered Transaction," without modification, in all lower tier covered transactions and in all solicitations for lower tier covered transactions exceeding the \$25,000 threshold
- g. A participant in a covered transaction may rely upon a certification of a prospective participant in a lower tier covered transaction that is not debarred, suspended, ineligible, or voluntarily excluded from the covered transaction, unless it knows that the certification is erroneous. A participant is responsible for ensuring that its principals are not suspended, debarred, or otherwise ineligible to participate in covered transactions. To verify the eligibility of its principals, as well as the eligibility of any lower tier prospective participants, each participant may, but is not required to, check the Excluded Parties List System website (<https://www.epls.gov/>), which is compiled by the General Services Administration.
- h. Nothing contained in the foregoing shall be construed to require establishment of a system of records in order to render in good faith the certification required by this clause. The knowledge and information of participant is not required to exceed that which is normally possessed by a prudent person in the ordinary course of business dealings.
- i. Except for transactions authorized under paragraph e of these instructions, if a participant in a covered transaction knowingly enters into a lower tier covered transaction with a person who is suspended, debarred, ineligible, or voluntarily excluded from participation in this transaction, in addition to other remedies available to the Federal Government, the department or agency with which this transaction originated may pursue available remedies, including suspension and/or debarment

HIGHWAY/PARKING LOT STRIPING:		
Operator (Striping Machine).....	\$ 17.36	0.00
HIGHWAY/PARKING LOT STRIPING:		
Painter.....	\$ 12.13	0.00
INSTALLER - GUARDRAIL.....	\$ 13.23	0.00
IRONWORKER, ORNAMENTAL.....	\$ 13.48	0.00
IRONWORKER, REINFORCING.....	\$ 18.62	0.00
IRONWORKER, STRUCTURAL.....	\$ 16.42	0.00
LABORER (Traffic Control Specialist).....		
	\$ 11.47	0.00
LABORER: Asphalt, Includes Raker, Shoveler, Spreader and Distributor.....		
	\$ 12.93	0.00
LABORER: Common or General.....	\$ 11.76	0.00
LABORER: Flagger.....	\$ 11.86	0.00
LABORER: Grade Checker.....	\$ 13.96	0.00
LABORER: Landscape & Irrigation.....		
	\$ 10.14	0.00
LABORER: Mason Tender - Cement/Concrete.....		
	\$ 12.37	0.56
LABORER: Pipelayer.....	\$ 13.15	2.68
OPERATOR:		
Backhoe/Excavator/Trackhoe.....	\$ 16.55	0.00
OPERATOR: Bobcat/Skid Steer/Skid Loader.....		
	\$ 12.88	0.00
OPERATOR: Boom.....	\$ 13.94	1.28
OPERATOR: Broom/Sweeper.....	\$ 13.69	0.00

OPERATOR: Bulldozer.....	\$ 16.83	0.00
OPERATOR: Concrete Finishing Machine.....	\$ 15.44	0.00
OPERATOR: Concrete Pump.....	\$ 19.77	0.00
OPERATOR: Concrete Saw.....	\$ 16.57	0.00
OPERATOR: Crane.....	\$ 22.37	0.00
OPERATOR: Curb Machine.....	\$ 19.67	0.00
OPERATOR: Drill.....	\$ 14.78	0.00
OPERATOR: Forklift.....	\$ 13.52	0.00
OPERATOR: Gradall.....	\$ 14.71	0.00
OPERATOR: Grader/Blade.....	\$ 21.57	0.00
OPERATOR: Loader.....	\$ 15.35	3.89
OPERATOR: Mechanic.....	\$ 17.49	0.00
OPERATOR: Milling Machine Groundsman.....	\$ 16.20	0.00
OPERATOR: Milling Machine.....	\$ 14.89	0.00
OPERATOR: Oiler.....	\$ 17.61	0.00
OPERATOR: Paver (Asphalt, Aggregate, and Concrete).....	\$ 13.94	0.00
OPERATOR: Piledriver.....	\$ 17.23	0.00
OPERATOR: Post Driver (Guardrail/Fences).....	\$ 19.35	0.00
OPERATOR: Roller.....	\$ 11.85	0.00
OPERATOR: Scraper.....	\$ 11.74	0.00
OPERATOR: Screed.....	\$ 16.67	0.00

OPERATOR: Tractor.....	\$ 12.63	0.00
OPERATOR: Trencher.....	\$ 13.78	0.00
PAINTER: Spray.....	\$ 16.38	0.00
TRAFFIC SIGNALIZATION:		
Traffic Signal Installation.....	\$ 16.35	0.00
TRUCK DRIVER: Dump Truck.....	\$ 12.45	0.00
TRUCK DRIVER: Flatbed Truck.....	\$ 14.13	0.00
TRUCK DRIVER: Lowboy Truck.....	\$ 15.56	0.00
TRUCK DRIVER: Slurry Truck.....	\$ 11.96	0.00
TRUCK DRIVER: Water Truck.....	\$ 13.35	0.00

WELDERS - Receive rate prescribed for craft performing operation to which welding is incidental.

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Note: Executive Order (EO) 13706, Establishing Paid Sick Leave for Federal Contractors applies to all contracts subject to the Davis-Bacon Act for which the contract is awarded (and any solicitation was issued) on or after January 1, 2017. If this contract is covered by the EO, the contractor must provide employees with 1 hour of paid sick leave for every 30 hours they work, up to 56 hours of paid sick leave each year. Employees must be permitted to use paid sick leave for their own illness, injury or other health-related needs, including preventive care; to assist a family member (or person who is like family to the employee) who is ill, injured, or has other health-related needs, including preventive care; or for reasons resulting from, or to assist a family member (or person who is like family to the employee) who is a victim of, domestic violence, sexual assault, or stalking. Additional information on contractor requirements and worker protections under the EO is available at www.dol.gov/whd/govcontracts.

Unlisted classifications needed for work not included within the scope of the classifications listed may be added after award only as provided in the labor standards contract clauses

(29CFR 5.5 (a) (1) (ii)).

The body of each wage determination lists the classification and wage rates that have been found to be prevailing for the cited type(s) of construction in the area covered by the wage determination. The classifications are listed in alphabetical order of "identifiers" that indicate whether the particular rate is a union rate (current union negotiated rate for local), a survey rate (weighted average rate) or a union average rate (weighted union average rate).

Union Rate Identifiers

A four letter classification abbreviation identifier enclosed in dotted lines beginning with characters other than "SU" or "UAVG" denotes that the union classification and rate were prevailing for that classification in the survey. Example: PLUM0198-005 07/01/2014. PLUM is an abbreviation identifier of the union which prevailed in the survey for this classification, which in this example would be Plumbers. 0198 indicates the local union number or district council number where applicable, i.e., Plumbers Local 0198. The next number, 005 in the example, is an internal number used in processing the wage determination. 07/01/2014 is the effective date of the most current negotiated rate, which in this example is July 1, 2014.

Union prevailing wage rates are updated to reflect all rate changes in the collective bargaining agreement (CBA) governing this classification and rate.

Survey Rate Identifiers

Classifications listed under the "SU" identifier indicate that no one rate prevailed for this classification in the survey and the published rate is derived by computing a weighted average rate based on all the rates reported in the survey for that classification. As this weighted average rate includes all rates reported in the survey, it may include both union and non-union rates. Example: SULA2012-007 5/13/2014. SU indicates the rates are survey rates based on a weighted average calculation of rates and are not majority rates. LA indicates the State of Louisiana. 2012 is the year of survey on which these classifications and rates are based. The next number, 007 in the example, is an internal number used in producing the wage determination. 5/13/2014 indicates the survey completion

date for the classifications and rates under that identifier.

Survey wage rates are not updated and remain in effect until a new survey is conducted.

Union Average Rate Identifiers

Classification(s) listed under the UAVG identifier indicate that no single majority rate prevailed for those classifications; however, 100% of the data reported for the classifications was union data. EXAMPLE: UAVG-OH-0010 08/29/2014. UAVG indicates that the rate is a weighted union average rate. OH indicates the state. The next number, 0010 in the example, is an internal number used in producing the wage determination. 08/29/2014 indicates the survey completion date for the classifications and rates under that identifier.

A UAVG rate will be updated once a year, usually in January of each year, to reflect a weighted average of the current negotiated/CBA rate of the union locals from which the rate is based.

WAGE DETERMINATION APPEALS PROCESS

1.) Has there been an initial decision in the matter? This can be:

- * an existing published wage determination
- * a survey underlying a wage determination
- * a Wage and Hour Division letter setting forth a position on a wage determination matter
- * a conformance (additional classification and rate) ruling

On survey related matters, initial contact, including requests for summaries of surveys, should be with the Wage and Hour Regional Office for the area in which the survey was conducted because those Regional Offices have responsibility for the Davis-Bacon survey program. If the response from this initial contact is not satisfactory, then the process described in 2.) and 3.) should be followed.

With regard to any other matter not yet ripe for the formal process described here, initial contact should be with the Branch of Construction Wage Determinations. Write to:

Branch of Construction Wage Determinations
Wage and Hour Division
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

2.) If the answer to the question in 1.) is yes, then an interested party (those affected by the action) can request review and reconsideration from the Wage and Hour Administrator (See 29 CFR Part 1.8 and 29 CFR Part 7). Write to:

Wage and Hour Administrator
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

The request should be accompanied by a full statement of the interested party's position and by any information (wage payment data, project description, area practice material, etc.) that the requestor considers relevant to the issue.

3.) If the decision of the Administrator is not favorable, an interested party may appeal directly to the Administrative Review Board (formerly the Wage Appeals Board). Write to:

Administrative Review Board
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

4.) All decisions by the Administrative Review Board are final.

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END OF GENERAL DECISION

EXHIBIT 2

**CERTIFICATIONS, CLEAR LETTERS and PERMITS,
HARDY TRAIL EXTENSION LAP PROJECT
FPN: 433700 1 58 01**

- 1) LAP ROW CERTIFICATION
- 2) UTILITY CLEAR LETTER
- 3) RAILROAD CLEAR LETTER
- 4) NO PERMITS REQUIRED LETTER
- 5) SWFWMD EXEMPTION
- 6) CONTAMINATION CERTIFICATION
- 7) ENVIRONMENTAL CE CHECKLIST

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION
LAP CERTIFICATION

575-095-05
RIGHT OF WAY
01/17

R/W ITEM/SEGMENT NO.: N/A MANAGING DISTRICT: SEVEN
CONSTRUCTION ITEM/SEGMENT NO.: 433700-1-58-01 STATE ROAD: N/A
F.A.P. NO. (Construction): D718-031-B DESCRIPTION: HARDY TRAIL EXT FROM
COUNTY: PASCO CHURCH AVE TO LOCK ST
LETTING DATE: N/A

The undersigned hereby certifies as follows:

Title to all property and easements needed for the above construction project is vested in the Florida Department of Transportation (Department) or a state or local government. The Department has obtained sufficient authority to construct and maintain the proposed improvements on property and easements owned by state or local governments. Further:

Acquisition

- Right of way was not acquired for this project.
 Right of way was acquired for this project in compliance with applicable state and federal law.

Relocation

- No persons or businesses were required to move or move personal property from the project right of way.
 All persons and businesses that were required to move or move personal property from the project right of way have been provided relocation assistance in compliance with applicable state and federal law.

Demolition

- No structures or improvements, including encroachments, required removal from the project right of way.
 All structures and/or improvements, including encroachments, have been removed from the project right of way in compliance with applicable state and federal law, or will be included in the construction contract.

Asbestos Abatement

- No structures or improvements requiring asbestos abatement were located on the project right of way.
 Asbestos abatement of buildings and/or structures, including those to be removed by the construction contractor, has been completed in compliance with applicable state and federal law, or will be included in the construction contract.

Submitted by Local Agency:

Michael Sherman
Title: Director, Community Development

Date: January 30, 2018

Certified by FDOT:

Audilia Anthony
Title: District Right of Way Manager

2/13/18
Date:



CITY OF DADE CITY

"Proud Heritage, Promising Future"

Camille Hernandez, Mayor
Eunice M. Penix, Mayor Pro-Tem
Scott Black, Commissioner
Nicole Deese-Newton, Commissioner
James D. Shive, Commissioner

William C. Poe, Jr., City Manager
Leslie Porter, Finance Director
Angelia Guy, City Clerk

DATE: December 20, 2017

TO: Daniel Hunter, District 7 Utility Administrator

FROM: Michael Sherman, AICP Director, Community Development Department, City of Dade City

CC: Robin Parrish, FDOT D7 Local Programs Coordinator

SUBJECT: FPID Project No. 433700-1 // Project Description: Hardy Trail Extension from Church Avenue to Lock Street // LAP entity: City of Dade City
Utilities Clear

This is to certify that all utility work has been completed or necessary arrangements made to undertake and complete this project as required for proper coordination with the physical construction schedule.

Michael Sherman

12.20.17

Agency Representative's Signature

Date

FOR FDOT UTILITY DEPARTMENT USE ONLY

District Utility Office Acknowledgement*: _____ Date: 2/9/2018


For: Daniel Hunter

* The above FDOT District 7 Utilities Office Acknowledgement by no means alleviates the local agency or it's Contractor of the responsibilities for utility coordination.

MEMORANDUM
Department of Transportation
District Seven Public Transportation Office M.S. 7-500

DATE: February 8, 2018

TO: Project Manager

FROM: Steve Love, District Rail Administrator 

SUBJECT: Railroad Clear Certification
FPN: 433700-1-58-01
Hardy Trail Extension from Church Avenue to Lock Street
Pasco County

Based on the information provided, and concurrence from Dade City, the above referenced project does not have railroad (phase 57) involvement within its construction limits. You may consider this project to be **Railroad CLEAR**.

Should you need additional information, call me at 813-975-6402.

MEMORANDUM
FLORIDA DEPARTMENT OF TRANSPORTATION
District Drainage and Environmental Permit Office MS 7-820

DATE: May 23, 2018

TO: Robin Parrish, District JPA/LAP Administrator

FROM: Virginia (Ginger) Creighton, Environmental Permit Coordinator *AC*

SUBJECT: No Environmental Permits Required
FM 433700-1 // HARDY TRAIL EXT FROM CHURCH AVE TO LOCK ST// Pasco County

Attached, please find the “100% Design Memo for Environmental Permits” from the LAP entity stating that **no permits are required** for the referenced project.

The Environmental Permit Office reviewed the 100% plans on January 29, 2018 and concurs that no environmental permits are necessary.

This memo is issued for the referenced LAP project in lieu of a “Clear” Permits memo.



An Equal
Opportunity
Employer

Southwest Florida Water Management District

Bartow Service Office
170 Century Boulevard
Bartow, Florida 33830-7700
(863) 534-1448 or
1-800-492-7862 (FL only)

Sarasota Service Office
6750 Fruitville Road
Sarasota, Florida 34240-9711
(941) 377-3722 or
1-800-320-3503 (FL only)

Tampa Service Office
7601 Highway 301 North
Tampa, Florida 33637-6759
(813) 985-7481 or
1-800-836-0797 (FL only)

2379 Broad Street, Brooksville, Florida 34604-6899

(352) 796-7211 or 1-800-423-1476 (FL only)

TDD only: 1-800-231-6103 (FL only)

On the Internet at WaterMatters.org

May 22, 2018

City of Dade City
Attn: Michael Sherman
38020 Meridian Avenue
Dade City, FL 33525

Subject: **Project Evaluation - Permit Not Required**

Project Name: Hardy Trail Extension From Church Avenue to
Lock Street Resubmittal
File Number: 765318
County: Pasco
Sec/Twp/Rge: S22/T24S/R21E, S27/T24S/R21E

Reference: Rule 62-330, Florida Administrative Code (F.A.C.)
Subsection 373.406(6), Florida Statutes (F.S.)

Dear Mr. Sherman:

The District has reviewed the information you submitted for the project referenced above and has determined that an Environmental Resource Permit (ERP) **will not be required** for the proposed construction of a multi-use recreational path, paving of an existing unpaved road without creation of additional traffic lanes, and minor alteration of existing stormwater conveyances. [Rules 62-330.051(10), 62-330.051(4)(e), and 62-330.051(2), F.A.C.]

The information received by the District will be kept on file to support the District's determination regarding your application. This information is available for viewing or downloading through the District's Application and Permit Search Tools located at www.WaterMatters.org/permits

The District's determination that your project does not require an ERP is only applicable pursuant to the statutes and rules in effect at the time the information was submitted and may not be valid in the event subsequent changes occur in the applicable rules and statutes. Additionally, this notification does not mean that the District has determined that your project is permanently exempt from permitting requirements. Any subsequent change you make in the project's operation may necessitate further evaluation or permitting by the District. Therefore, you are advised to contact the District before beginning the project and before beginning any activity which is not specifically described in your submittal. Your timely pursuit of this activity is encouraged to avoid any potential rule changes that could affect your request.

This letter constitutes notice of Intended Agency Action of the project referenced above. The District's action in this matter only becomes closed to future legal challenges from members of the public if such persons have been properly notified of the District's action and no person objects to the District's action within the prescribed period of time following the notification. The District does not publish notices of agency action. If you wish to limit the time within which a person who does not receive actual written notice from the District may request an administrative hearing regarding this action, you are strongly encouraged to publish, at your own expense, a notice of agency action in the legal advertisement section of a newspaper of general circulation in the county or counties where the activity will occur. Publishing

notice of agency action will close the window for filing a petition for hearing. Legal requirements and instructions for publishing notice of agency action, as well as a noticing form that can be used is available from the District's website at www.WaterMatters.org/permits/noticing. If you publish notice of agency action, a copy of the affidavit of publishing provided by the newspaper should be sent to the Regulation Division at the District Service Office that services this permit or other agency action, for retention in the File of Record for this agency action.

If you have questions regarding this matter, please contact Robert McDonald in the Tampa Service Office, extension 2318. Please reference the Project Name and Inquiry/Permit Number in future communications concerning this project.

Sincerely,

Michelle K. Hopkins, P.E.
Bureau Chief
Environmental Resource Permit Bureau
Regulation Division

Enclosures: Notice of Rights
cc: Ariel Elvambuena, P.E.
CPH, Inc.

Notice of Rights

Administrative Hearing

1. You or any person whose substantial interests are or may be affected by the District's intended or proposed action may request an administrative hearing on that action by filing a written petition in accordance with Sections 120.569 and 120.57, Florida Statutes (F.S.), Uniform Rules of Procedure Chapter 28-106, Florida Administrative Code (F.A.C.) and District Rule 40D-1.1010, F.A.C. Unless otherwise provided by law, a petition for administrative hearing must be filed with (received by) the District within 21 days of receipt of written notice of agency action. "Written notice" means either actual written notice, or newspaper publication of notice, that the District has taken or intends to take agency action. "Receipt of written notice" is deemed to be the fifth day after the date on which actual notice is deposited in the United States mail, if notice is mailed to you, or the date that actual notice is issued, if sent to you by electronic mail or delivered to you, or the date that notice is published in a newspaper, for those persons to whom the District does not provide actual notice.
2. Pursuant to Subsection 373.427(2)(c), F.S., for notices of intended or proposed agency action on a consolidated application for an environmental resource permit and use of sovereignty submerged lands concurrently reviewed by the District, a petition for administrative hearing must be filed with (received by) the District within 14 days of receipt of written notice.
3. Pursuant to Rule 62-532.430, F.A.C., for notices of intent to deny a well construction permit, a petition for administrative hearing must be filed with (received by) the District within 30 days of receipt of written notice of intent to deny.
4. Any person who receives written notice of an agency decision and who fails to file a written request for a hearing within 21 days of receipt or other period as required by law waives the right to request a hearing on such matters.
5. Mediation pursuant to Section 120.573, F.S., to settle an administrative dispute regarding District intended action is not available prior to the filing of a petition for hearing.
6. A request or petition for administrative hearing must comply with the requirements set forth in Chapter 28-106, F.A.C. A petition for a hearing must: (1) explain how the substantial interests of each person requesting the hearing will be affected by the District's intended action or proposed action, (2) state all material facts disputed by the person requesting the hearing or state that there are no material facts in dispute, and (3) otherwise comply with Rules 28-106.201 and 28-106.301, F.A.C. Chapter 28-106, F.A.C., can be viewed at www.flrules.org or at the District's website at www.WaterMatters.org/permits/rules.
7. A petition for administrative hearing is deemed filed upon receipt of the complete petition by the District Agency Clerk at the District's Tampa Service Office during normal business hours, which are 8:00 a.m. to 5:00 p.m., Monday through Friday, excluding District holidays. Filings with the District Agency Clerk may be made by mail, hand-delivery or facsimile transfer (fax). The District does not accept petitions for administrative hearing by electronic mail. Mailed filings must be addressed to, and hand-delivered filings must be delivered to, the Agency Clerk, Southwest Florida Water Management District, 7601 US Hwy 301, Tampa, FL 33637-6759. Faxed filings must be transmitted to the District Agency Clerk at (813) 367-9776. Any petition not received during normal business hours shall be filed as of 8:00 a.m. on the next business day. The District's acceptance of faxed petitions for filing is subject to certain conditions set forth in the District's Statement of Agency Organization and Operation, available for viewing at www.WaterMatters.org/about.

Judicial Review

1. Pursuant to Sections 120.60(3) and 120.68, F.S., a party who is adversely affected by District action may seek judicial review of the District's action. Judicial review shall be sought in the Fifth District Court of Appeal or in the appellate district where a party resides or as otherwise provided by law.
2. All proceedings shall be instituted by filing an original notice of appeal with the District Agency Clerk within 30 days after the rendition of the order being appealed, and a copy of the notice of appeal, accompanied by any filing fees prescribed by law, with the clerk of the court, in accordance with Rules 9.110 and 9.190 of the Florida Rules of Appellate Procedure (Fla. R. App. P.). Pursuant to Fla. R. App. P. 9.020(h), an order is rendered when a signed written order is filed with the clerk of the lower tribunal.

CONTAMINATION IMPACT CERTIFICATION

The following information is based upon the contamination impact evaluation performed on this project in accordance with the procedure requirements of the Project Development and Environment Manual, Part II Chapter 20.

Financial Project No: 433700 1 58 01

- a. No potential for contamination was found.
- b. Contamination was identified; however, its location/condition has no impact to the proposed project.
- c. Contamination was identified within the project area that could/would impact the proposed project. Separate provisions have been made to remediate/mitigate identified contamination impact prior to or during construction in the affected project area. Project plans have been annotated showing details of the area of concern.


Comments:

Roadway/Project Description: Hardy Trail Extension (LAP Project)
Church Avenue to Lock Street

Certification: 
Michael Sherman, AICP, Director of Community Development

Date: April 10, 2018

To be filed in District Project File


Daniel R. DeForge 04/25/18
District 7 Contamination Impact Coordinator

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION
**STATUS OF ENVIRONMENTAL CERTIFICATION
 FOR FEDERAL PROJECT**

Financial Management No. 433700-1-58-01

FAP No. D718-031-B

Title: HARDY TRAIL EXT FROM CHURCH AVE TO LOCK ST

Work Mix: BIKE PATH/TRAIL

District: FDOT District 7

County: Pasco County

Project Description:

This will construct a multi-use trail along an abandoned railroad right of way (ROW), as well as portions of 8th Street and 9th Street, between Church Avenue and Lock Street within Dade City, Florida. This is a federally-funded Local Agency Program (LAP) project. The proposed trail will be 10 to 12 feet (ft) wide. Additional work includes milling and resurfacing of the roadway in places, constructing new and replacing sidewalk and Americans with Disabilities Act (ADA) features at several locations, new signs and markings, replacing drainage in places, removing and replacing chain-link fencing as needed, and new landscaping. All work is contained within existing city-owned land.

This project is a Categorical Exclusion under 23 C.F.R. 771.117

A Type 1 Categorical Exclusion per (c) (3) or (d) __ as determined on April 30, 2018

A Type 2 Categorical Exclusion approved on _____

The final environmental document for this project was a (check one):

A Finding of No Significant Impact under 23 C.F.R. 771.121 approved on _____

A Record of Decision under 23 C.F.R. 771.127 approved on _____

A re-evaluation in accordance with 23 C.F.R. 771.129 was (check one):

Approved on _____

Not required.

Signature: Joseph A Feaster FOR Robin Rhinesmith
 Environmental Manager or designee

Date: April 27, 2018

The environmental review, consultation, and other actions required by applicable federal environmental laws for this project are being, or have been, carried out by the Florida Department of Transportation (FDOT) pursuant to 23 U.S.C. §327 and a Memorandum of Understanding dated December 14, 2016 and executed by the Federal Highway Administration and FDOT.



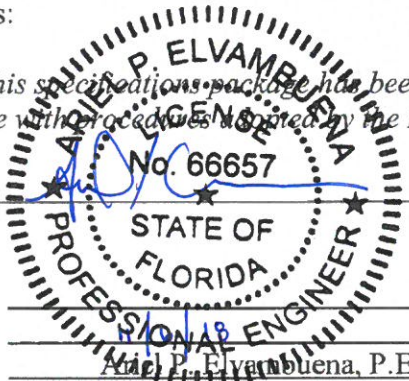
SPECIFICATIONS PACKAGE
FINANCIAL PROJECT ID(S). 433700-1-58-01

DISTRICT SEVEN
PASCO COUNTY

The applicable Articles and Subarticles of the General Requirements & Covenants division (Division I) of the January 2018 edition of the Florida Department of Transportation Standard Specifications for Road and Bridge Construction are added, and all of the Construction Details and Materials divisions (Division II & III) are revised, as follows:

I hereby certify that this specifications package has been properly prepared by me, or under my responsible charge, in accordance with the procedures adopted by the Florida Department of Transportation.

Signature and Seal: _____



Signature and Seal::

Date: _____

Engineer of Record: Aquil P. Elvambuena, P.E.

Fla. License No.: 66657

Firm Name: CPH, Inc.

Firm Address: 5601 Mariner Street, Ste 105

City, State, Zipcode: Tampa, FL 33609

Certificate of Authorization Number: 3215

Page(s): _____

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LAP DIVISION 1 SPECIFICATIONS.

(REV 9-1-17) (1-18)

Construction Checklist Specifications
from
Department of Transportation
Standard Specifications for Road and Bridge Construction

The following excerpts from the Standard Specifications and Special Provisions are provided for use in LAP Specifications as needed in accordance with the Local Agency Program Checklist for Construction Contracts (Phase 58) – Federal and State Requirements (525-070-44)

FROM SECTION 1 – DEFINITIONS AND TERMS:

Department Name City of Dade City

Engineer Ariel P. Elvambuena, P.E.

Contractor’s Engineer of Record.

A Professional Engineer registered in the State of Florida, other than the Engineer of Record or his subcontracted consultant, who undertakes the design and drawing of components of the permanent structure as part of a redesign or Cost Savings Initiative Proposal, or for repair designs and details of the permanent work. The Contractor’s Engineer of Record may also serve as the Specialty Engineer.

The Contractor’s Engineer of Record must be an employee of a pre-qualified firm. The firm shall be pre-qualified in accordance with the Rules of the Department of Transportation, Chapter 14-75. Any Corporation or Partnership offering engineering services must hold a Certificate of Authorization from the Florida Department of Business and Professional Regulation.

As an alternate to being an employee of a pre-qualified firm, the Contractor’s Engineer of Record may be a pre-qualified Specialty Engineer. For items of the permanent work declared by the State Construction Office to be ”major” or “structural”, the work performed by a pre-qualified Specialty Engineer must be checked by another pre-qualified Specialty Engineer. An individual Engineer may become pre-qualified in the work groups listed in the Rules of the Department of Transportation, Chapter 14-75, if the requirements for the Professional Engineer are met for the individual work groups. Pre-qualified Specialty Engineers are listed on the State Construction Website. Pre-qualified Specialty Engineers will not be authorized to perform redesigns or Cost Savings Initiative Proposal designs of items fully detailed in the plans.

Specialty Engineer.

A Professional Engineer registered in the State of Florida, other than the Engineer of Record or his subcontracted consultant, who undertakes the design and drawing preparation of components, systems, or installation methods and equipment for specific temporary portions of the project work or for special items of the permanent works not fully detailed in the plans and required to be furnished by the Contractor. The Specialty Engineer may also provide designs and details, repair designs and details, or perform Engineering Analyses for items of the permanent work declared by the State Construction Office to be “minor” or “non-structural”.

For items of work not specifically covered by the Rules of the Department of Transportation, a Specialty Engineer is qualified if he has the following qualifications:

- (1) Registration as a Professional Engineer in the State of Florida.
- (2) The education and experience necessary to perform the submitted design as required by the Florida Department of Business and Professional Regulation.

FROM SECTION 4 (ALTERATION OF WORK).

4-3 Alteration of Plans or of Character of Work.

4-3.1 General: The Engineer reserves the right to make, at any time prior to or during the progress of the work, such increases or decreases in quantities, whether a significant change or not, and such alterations in the details of construction, whether a substantial change or not, including but not limited to alterations in the grade or alignment of the road or structure or both, as may be found necessary or desirable by the Engineer. Such increases, decreases or alterations shall not constitute a breach of Contract, shall not invalidate the Contract, nor release the Surety from any liability arising out of this Contract or the Surety bond. The Contractor agrees to perform the work, as altered, the same as if it had been a part of the original Contract.

The term “significant change” applies only when:

1. The Engineer determines that the character of the work as altered differs materially in kind or nature from that involved or included in the original proposed construction, or
2. A major item of work, as defined in 1-3, is increased in excess of 125% or decreased below 75% of the original Contract quantity. The Department will apply any price adjustment for an increase in quantity only to that portion in excess of 125% of the original Contract item quantity in accordance with 4-3.2 below. In the case of a decrease below 75% the Department will only apply a price adjustment for the additional costs that are a direct result of the reduction in quantity.

In (1) above, the determination by the Engineer shall be conclusive. If the determination is challenged by the Contractor in any proceeding, the Contractor must establish by clear and convincing proof that the determination by the Engineer was without any reasonable basis.

4-3.2 Increase, Decrease or Alteration in the Work: The Engineer reserves the right to make alterations in the character of the work which involve a substantial change in the nature of the design or in the type of construction or which materially increases or decreases the cost or time of performance. Such alteration shall not constitute a breach of Contract, shall not invalidate the Contract or release the Surety.

Notwithstanding that the Contractor shall have no formal right whatsoever to any extra compensation or time extension deemed due by the Contractor for any cause unless and until the Contractor follows the procedures set forth in 5-12.2 for preservation, presentation and resolution of the claim, the Contractor may at any time, after having otherwise timely submitted a notice of intent to claim or preliminary time extension request pursuant to 5-12.2 and 8-7.3.2, submit to the Department a request for equitable adjustment of compensation or time or other dispute resolution proposal. The Contractor shall in any request for equitable adjustment of compensation, time, or other dispute resolution proposal certify under oath and in writing, in accordance with the formalities required by Florida law, that the request is made in good faith, that any supportive data submitted is accurate and complete to the Contractor’s best knowledge and belief, and that the amount of the request accurately reflects what the Contractor in good faith believes to be the Department’s responsibility. Such certification must be made by an officer or director of the Contractor with the authority to bind the Contractor. Any such certified statements of entitlement and costs shall be subject to the audit provisions set forth in 5-12.14. While the submittal or review of a duly certified request for equitable adjustment shall neither create, modify, nor activate any legal rights or obligations as to the Contractor or the Department, the Department will review the content of any duly certified request for equitable adjustment or other dispute resolution proposal, with any further action or inaction by the Department thereafter being in its sole discretion. Any request for equitable adjustment that fails to fully comply with the certification requirements will not be reviewed by the Department.

The monetary compensation provided for below constitutes full and complete payment for such additional work and the Contractor shall have no right to any additional monetary compensation for any direct or indirect costs or profit for any such additional work beyond that expressly provided below. The Contractor shall be entitled to a time extension only to the extent that the performance of any portion of the additional work is a controlling work item and the performance of such controlling work item actually extends completion of the project due to no fault of the Contractor. All time related costs for actual performance of such additional work are included in the compensation already provided below and any time extension entitlement hereunder will be without additional monetary compensation. The Contractor shall have no right to any monetary compensation or damages whatsoever for any direct or indirect delay to a controlling work item arising out of or in any way related to the circumstances leading up to or resulting from additional work (but not relating to the actual performance of the additional work, which is paid for as otherwise provided herein), except only as provided for under 5-12.6.2.1.

4-3.2.1 Allowable Costs for Extra Work: The Engineer may direct in writing that extra work be done and, at the Engineer’s sole discretion, the Contractor will be paid pursuant to an agreed Supplemental Agreement or in the following manner:

1. Labor and Burden: The Contractor will receive payment for actual costs of direct labor and burden for the additional or unforeseen work. Labor includes foremen actually engaged in the work; and will not include project supervisory personnel nor necessary on-site clerical staff, except when the additional or unforeseen work is a controlling work item and the performance of such controlling work item actually extends completion of the project due to no fault of the Contractor. Compensation for project

supervisory personnel, but in no case higher than a Project Manager’s position, shall only be for the pro-rata time such supervisory personnel spent on the contract. In no case shall an officer or director of the Company, nor those persons who own more than 1% of the Company, be considered as project supervisory personnel, direct labor or foremen hereunder.

Payment for burden shall be limited solely to the following:

Table 4-3.2.1	
Item	Rate
FICA	Rate established by Law
FUTA/SUTA	Rate established by Law
Medical Insurance	Actual
Holidays, Sick & Vacation benefits	Actual
Retirement benefits	Actual
Workers Compensation	Rates based on the National Council on Compensation Insurance basic rate tables adjusted by Contractor’s actual experience modification factor in effect at the time of the additional work or unforeseen work.
Per Diem	Actual but not to exceed State of Florida’s rate
Insurance*	Actual
*Compensation for Insurance is limited solely to General Liability Coverage and does not include any other insurance coverage (such as, but not limited to, Umbrella Coverage, Automobile Insurance, etc.).	

At the Pre-construction conference, certify to the Engineer the following:

- a. A listing of on-site clerical staff, supervisory personnel and their pro-rated time assigned to the contract,
- b. Actual Rate for items listed in Table 4-3.2.1,
- c. Existence of employee benefit plan for Holiday, Sick and Vacation benefits and a Retirement Plan, and,
- d. Payment of Per Diem is a company practice for instances when compensation for Per Diem is requested.

Such certification must be made by an officer or director of the Contractor with authority to bind the Contractor. Timely certification is a condition precedent to any right of the Contractor to recover compensations for such costs, and failure to timely submit the certification will constitute a full, complete, absolute and irrevocable waiver by the Contractor of any right to recover such costs. Any subsequent changes shall be certified to the Engineer as part of the cost proposal or seven calendar days in advance of performing such extra work.

2. Materials and Supplies: For materials accepted by the Engineer and used on the project, the Contractor will receive the actual cost of such materials incorporated into the work, including Contractor paid transportation charges (exclusive of equipment as hereinafter set forth). For supplies reasonably needed for performing the work, the Contractor will receive the actual cost of such supplies.

3. Equipment: For any machinery or special equipment (other than small tools), including fuel and lubricant, the Contractor will receive 100% of the “Rental Rate Blue Book” for the actual time that such equipment is in operation on the work, and 50% of the “Rental Rate Blue Book” for the time the equipment is directed to standby and remain on the project site, to be calculated as indicated below. The equipment rates will be based on the latest edition (as of the date the work to be performed begins) of the “Rental Rate Blue Book for Construction Equipment” or the “Rental Rate Blue Book for Older Construction Equipment,” whichever is applicable, as published by Machinery Information Division of PRIMEDIA Information, Inc. (version current at the time of bid), using all instructions and adjustments contained therein and as modified below. On all projects, the Engineer will adjust the rates using regional adjustments and Rate Adjustment Tables according to the instructions in the Blue Book.

Allowable Equipment Rates will be established as set out below:

- a. Allowable Hourly Equipment Rate = Monthly Rate/176

x Adjustment Factors x 100%.

b. Allowable Hourly Operating Cost = Hourly Operating Cost x 100%.

c. Allowable Rate Per Hour = Allowable Hourly Equipment Rate +

Allowable Hourly Operating Cost.

d. Standby Rate = Allowable Hourly Equipment Rate x 50%.

The Monthly Rate is The Basic Machine Rate Plus Any Attachments. Standby rates will apply when equipment is not in operation and is directed by the Engineer to standby at the project site when needed again to complete work and the cost of moving the equipment will exceed the accumulated standby cost. Standby rates will not apply on any day the equipment operates for eight or more hours. Standby payment will be limited to only that number of hours which, when added to the operating time for that day equals eight hours. Standby payment will not be made on days that are not normally considered work days on the project.

The Department will allow for the cost of transporting the equipment to and from the location at which it will be used. If the equipment requires assembly or disassembly for transport, the Department will pay for the time to perform this work at the rate for standby equipment.

Equipment may include vehicles utilized only by Labor, as defined above.

4. Indirect Costs, Expenses, and Profit: Compensation for all indirect costs, expenses, and profit of the Contractor, including but not limited to overhead of any kind, whether jobsite, field office, division office, regional office, home office, or otherwise, is expressly limited to the greater of either (a) or (b) below:

a. Solely a mark-up of 17.5% on the payments in (1) through (3), above.

1. Bond: The Contractor will receive compensation for any premium for acquiring a bond for such additional or unforeseen work at the original Contract bond rate paid by the Contractor. No compensation for bond premium will be allowed for additional or unforeseen work paid by the Department via initial contingency pay item.

2. The Contractor will be allowed a markup of 10% on the first \$50,000 and a markup of 5% on any amount over \$50,000 on any subcontract directly related to the additional or unforeseen work. Any such subcontractor mark-up will be allowed only by the prime Contractor and a first tier subcontractor, and the Contractor must elect the markup for any eligible first tier subcontractor to do so.

b. Solely the formula set forth below and only as applied solely as to such number of calendar days of entitlement that are in excess of ten cumulative calendar days as defined below.

$$D = \frac{A \times C}{B}$$

Where A = Original Contract Amount

B = Original Contract Time

C = 8%

D = Average Overhead Per Day

Cumulative Calendar Days is defined as the combined total number of calendar days granted as time extensions due to either extra work, excluding overruns to existing contract items, that extend the duration of the project or delay of a controlling work item caused solely by the Department, or the combined total number of calendar days for which a claim of entitlement to a time extension due to delay of a controlling work item caused solely by the Department is otherwise ultimately determined to be in favor of the Contractor.

No compensation, whatsoever, will be paid to the Contractor for any jobsite overhead and other indirect impacts when the total number of calendar days granted for time extension due to delay of a controlling work item caused solely by the Department is, or the total number of calendar days for which entitlement to a time extension due to delay of a controlling work item caused solely by the Department is otherwise ultimately determined in favor of the Contractor to be, equal to or less than ten calendar days and the Contractor also fully assumes all monetary risk of any and all partial or single calendar day delay periods, due to delay of a controlling work item caused solely by the Department, that

when combined together are equal to or less than ten calendar days and regardless of whether monetary compensation is otherwise provided for hereunder for one or more calendar days of time extension entitlement for each calendar day exceeding ten calendar days. All calculations under this provision shall exclude weather days, Holidays, and Special Events.

Further, for (a) and (b) above, in the event there are concurrent delays to one or more controlling work items, one or more being caused by the Department and one or more being caused by the Contractor, the Contractor shall be entitled to a time extension for each day that a controlling work item is delayed by the Department but shall have no right to nor receive any monetary compensation for any indirect costs for any days of concurrent delay.

4-3.2.2 Subcontracted Work: Compensation for the additional or unforeseen work performed by a subcontractor shall be limited solely to that provided for in 4-3.2.1 (1), (2), (3) and (4)(a). In addition, the Contractor compensation is expressly limited to the greater of the total provided in either 4-3.2.1(4)(a) or (4)(b), except that the Average Overhead Per-Day calculation is as follows:

$$Ds = \frac{As \times C}{B}$$

Where As = Original Contract Amount minus Original Subcontract amounts(s)*

B = Original Contract Time

C = 8%

Ds = Average Overhead Per-Day

* deduct Original Subcontract Amount(s) of subcontractor(s) performing the work

The subcontractor may receive compensation for any premium for acquiring a bond for the additional or unforeseen work; provided, however, that such payment for additional subcontractor bond will only be paid upon presentment to the Department of clear and convincing proof that the subcontractor has actually submitted and paid for separate bond premiums for such additional or unforeseen work in such amount and that the subcontractor was required by the Contractor to acquire a bond.

The Contractor shall require the subcontractor to submit a certification, in accordance with 4-3.2.1 (1), as part of the cost proposal and submit such to the Engineer. Such certification must be made by an officer or director of the subcontractor with authority to bind the subcontractor. Timely certification is a condition precedent to any right of the Contractor to recover compensation for such subcontractor costs, and failure to timely submit the certification will constitute a full, complete, absolute and irrevocable waiver by the Contractor of any right to recover such subcontractor costs.

4-3.3 No Waiver of Contract: Changes made by the Engineer will not be considered to waive any of the provisions of the Contract, nor may the Contractor make any claim for loss of anticipated profits because of the changes, or by reason of any variation between the approximate quantities and the quantities of work actually performed. All work shall be performed as directed by the Engineer and in accordance with the Contract Documents.

4-3.4 Conditions Requiring a Supplemental Agreement or Unilateral Payment: A Supplemental Agreement or Unilateral Payment will be used to clarify the Plans and Specifications of the Contract; to provide for unforeseen work, grade changes, or alterations in the Plans which could not reasonably have been contemplated or foreseen in the original Plans and Specifications; to change the limits of construction to meet field conditions; to provide a safe and functional connection to an existing pavement; to settle documented Contract claims; to make the project functionally operational in accordance with the intent of the original Contract and subsequent amendments thereto.

A Supplemental Agreement or Unilateral Payment may be used to expand the physical limits of the project only to the extent necessary to make the project functionally operational in accordance with the intent of the original Contract. The cost of any such agreement extending the physical limits of the project shall not exceed \$100,000 or 10% of the original Contract price, whichever is greater.

Perform no work to be covered by a Supplemental Agreement or Unilateral Payment before written authorization is received from the Engineer. The Engineer's written authorization will set forth sufficient work information to allow the work to begin. The work activities, terms and conditions will be reduced to written Supplemental Agreement or Unilateral Payment form promptly thereafter. No payment will be made on a Supplemental Agreement or Unilateral Payment prior to the Department's approval of the document.

4-3.5 Extra Work: Extra work authorized in writing by the Engineer will be paid in accordance with the formula in 4-3.2. Such payment will be the full extent of all monetary compensation entitlement due to the Contractor for such extra work. Any entitlement to a time extension due to extra work will be limited solely to that provided for in 4-3.2 for additional work.

4-3.6 Connections to Existing Pavement, Drives and Walks: Generally adhere to the limits of construction at the beginning and end of the project as detailed in the Plans. However, if the Engineer determines that it is necessary to extend the construction in order to make suitable connections to existing pavement, the Engineer will authorize such a change in writing.

For necessary connections to existing walks and drives that are not indicated in the Plans, the Engineer will submit direction regarding the proper connections in accordance with the Design Standards.

4-3.7 Differing Site Conditions: During the progress of the work, if subsurface or latent physical conditions are encountered at the site differing materially from those indicated in the Contract, or if unknown physical conditions of an unusual nature differing materially from those ordinarily encountered and generally recognized as inherent in the work provided for in the Contract are encountered at the site, the party discovering such conditions shall promptly notify the other party in writing of the specific differing conditions before the Contractor disturbs the conditions or performs the affected work.

Upon receipt of written notification of differing site conditions from the Contractor, the Engineer will investigate the conditions, and if it is determined that the conditions materially differ and cause an increase or decrease in the cost or time required for the performance of any work under the Contract, an adjustment will be made, excluding loss of anticipated profits, and the Contract will be modified in writing accordingly. The Engineer will notify the Contractor whether or not an adjustment of the Contract is warranted.

The Engineer will not allow a Contract adjustment for a differing site condition unless the Contractor has submitted the required written notice.

The Engineer will not allow a Contract adjustment under this clause for any effects caused to any other Department or non-Department projects on which the Contractor may be working.

4-3.8 Changes Affecting Utilities: The Contractor shall be responsible for identifying and assessing any potential impacts to a utility that may be caused by the changes proposed by the Contractor, and the Contractor shall at the time of making the request for a change notify the Department in writing of any such potential impacts to utilities.

Department approval of a Contractor proposed change does not relieve the Contractor of sole responsibility for all utility impacts, costs, delays or damages, whether direct or indirect, resulting from Contractor initiated changes in the design or construction activities from those in the original Contract Specifications, Design Plans (including Traffic Control Plans) or other Contract Documents and which effect a change in utility work different from that shown in the Utility Plans, joint project agreements or utility relocation schedules.

4-3.9 Cost Savings Initiative Proposal:

4-3.9.1 Intent and Objective:

1. This Subarticle applies to any cost reduction proposal (hereinafter referred to as a Proposal) that the Contractor initiates and develops for the purpose of refining the Contract to increase cost effectiveness or significantly improve the quality of the end result. A mandatory Cost Savings Initiative Workshop will be held prior to Contract Time beginning for the Contractor and Department to discuss potential Proposals. This Subarticle does not, however, apply to any such proposal unless the Contractor identifies it at the time of its submission to the Department as a proposal submitted pursuant to this Subarticle.

2. The Department will consider Proposals that would result in net savings to the Department by providing a decrease in the cost of the Contract. Proposals must result in savings without

impairing essential functions and characteristics such as safety, service, life, reliability, economy of operation, ease of maintenance, aesthetics and necessary standard design features. However, nothing herein prohibits the Contractor from submitting Proposals when the required functions and characteristics can be combined, reduced or eliminated because they are nonessential or excessive. The Department will not recognize the Contractor's correction of plan errors that result in a cost reduction, as a Proposal.

3. The Department reserves the right to reject at its discretion any Proposal submitted that proposes a change in the design of the pavement system or that would require additional right-of-way. Pending the Department's execution of a formal supplemental agreement implementing an approved Proposal, the Contractor shall remain obligated to perform the work in accordance with the terms of the existing Contract. The Department may grant time extensions to allow for the time required to develop and review a Proposal.

4. For potential Proposals not discussed at the Cost Savings Initiative Workshop, a mandatory concept meeting will be held for the Contractor and Department to discuss the potential Proposal prior to development of the Proposal.

4-3.9.2 Subcontractors: The Department encourages the Contractor to include the provisions of this Subarticle in Contracts with subcontractors and to encourage submission of Proposals from subcontractors. However, it is not mandatory to submit Proposals to the Department or to accept or transmit subcontractor proposed Proposals to the Department.

4-3.9.3 Data Requirements: As a minimum, submit the following information with each Proposal:

1. a description of the difference between the existing Contract requirement, including any time extension request, and the proposed change, and the comparative advantages and disadvantages.

2. separate detailed cost estimates for both the existing Contract requirement and the proposed change. Break down the cost estimates by pay item numbers indicating quantity increases or decreases and deleted pay items. Identify additional proposed work not covered by pay items within the Contract, by using pay item numbers in the Basis of Estimates Manual. In preparing the estimates, include overhead, profit, and bond within pay items in the Contract. Separate pay item(s) for the cost of overhead, profit, and bond will not be allowed.

3. an itemization of the changes, deletions or additions to plan details, plan sheets, design standards and Specifications that are required to implement the Proposal if the Department adopts it. Submit preliminary plan drawings sufficient to describe the proposed changes.

4. engineering or other analysis in sufficient detail to identify and describe specific features of the Contract that must be changed if the Department accepts the Proposal with a proposal as to how these changes can be accomplished and an assessment of their effect on other project elements. The Department may require that engineering analyses be performed by a prequalified consultant in the applicable class of work. Support all design changes that result from the Proposal with drawings and computations signed and sealed by the Contractor's Engineer of Record. Written documentation or drawings will be submitted clearly delineating the responsibility of the Contractor's Engineer of Record.

5. the date by which the Department must approve the Proposal to obtain the total estimated cost reduction during the remainder of the Contract, noting any effect on the Contract completion time or delivery schedule.

6. a revised project schedule that would be followed upon approval of the Proposal. This schedule would include submittal dates and review time for the Department and Peer reviews.

4-3.9.4 Processing Procedures: Submit Proposals to the Engineer or his duly authorized representative. The Department will process Proposals expeditiously; however, the Department is not liable for any delay in acting upon a Proposal submitted pursuant to this Subarticle. The Contractor may withdraw, in whole or in part, a Proposal not accepted by the Department within the period specified in the Proposal. The Department is not liable for any Proposal development cost in the case where the Department rejects or the Contractor withdraws a Proposal.

The Engineer is the sole judge of the acceptability of a Proposal and of the estimated net savings in construction costs from the adoption of all or any part of such proposal. In determining the estimated net savings, the Department reserves the right to disregard the Contract bid prices if, in the

judgment of the Engineer, such prices do not represent a fair measure of the value of work to be performed or to be deleted.

Prior to approval, the Engineer may modify a Proposal, with the concurrence of the Contractor, to make it acceptable. If any modification increases or decreases the net savings resulting from the Proposal, the Department will determine the Contractor's fair share upon the basis of the Proposal as modified and upon the final quantities. The Department will compute the net savings by subtracting the revised total cost of all bid items affected by the Proposal from the total cost of the same bid items as represented in the original Contract.

Prior to approval of the Proposal that initiates the supplemental agreement, submit acceptable Contract-quality plan sheets revised to show all details consistent with the Proposal design.

4-3.9.5 Computations for Change in Contract Cost of Performance: If the Proposal is adopted, the Contractor's share of the net savings as defined hereinafter represents full compensation to the Contractor for the Proposal.

The Department will not include its costs to process and implement a Proposal in the estimate. However, the Department reserves the right, where it deems such action appropriate, to require the Contractor to pay the Department's cost of investigating and implementing a Proposal as a condition of considering such proposal. When the Department imposes such a condition, the Contractor shall accept this condition in writing, authorizing the Department to deduct amounts payable to the Department from any monies due or that may become due to the Contractor under the Contract.

4-3.9.6 Conditions of Acceptance for Major Design Modifications of Category 2 Bridges: A Proposal that proposes major design modifications of a category 2 bridge, as determined by the Engineer, shall have the following conditions of acceptance:

All bridge Plans relating to the Proposal shall undergo an independent peer review conducted by a single independent engineering firm referred to for the purposes of this article as the Independent Review Engineer who is not the originator of the Proposal design, and is pre-qualified by the Department in accordance with Rule 14-75, Florida Administrative Code. The independent peer review is intended to be a comprehensive, thorough verification of the original work, giving assurance that the design is in compliance with all Department requirements. The Independent Review Engineer's comments, along with the resolution of each comment, shall be submitted to the Department. The Independent Review Engineer shall sign and seal the submittal cover letter stating that all comments have been adequately addressed and the design is in compliance with the Department requirements. If there are any unresolved comments the Independent Review Engineer shall specifically list all unresolved issues in the signed and sealed cover letter.

The Contractor shall designate a primary engineer responsible for the Proposal design and as such will be designated as the Contractor's Engineer of Record for the Proposal design. The Department reserves the right to require the Contractor's Engineer of Record to assume responsibility for design of the entire structure.

New designs and independent peer reviews shall be in compliance with all applicable Department, FHWA and AASHTO criteria requirements including bridge load ratings.

4-3.9.7 Sharing Arrangements: If the Department approves a Proposal, the Contractor shall receive 50% of the net reduction in the cost of performance of the Contract as determined by the final negotiated agreement between the Contractor and the Department. The net reduction will be determined by subtracting from the savings of the construction costs the reasonable documented engineering costs incurred by the contractor to design and develop a Proposal. The reasonable documented engineering costs will be paid by the Department. Engineering costs will be based on the consultant's certified invoice and may include the costs of the Independent Review Engineer in 4-3.9.6. The total engineering costs to be subtracted from the savings to determine the net reduction will be limited to 25% of the construction savings and shall not include any markup by the Contractor or the costs for engineering services performed by the Contractor.

4-3.9.8 Notice of Intellectual Property Interests and Department's Future Rights to a Proposal:

4-3.9.8.1 Notice of Intellectual Property Interests: The Contractor's Proposal submittal shall identify with specificity any and all forms of intellectual property rights that either the Contractor or any officer, shareholder, employee, consultant, or affiliate, of the Contractor, or any other

entity who contributed in any measure to the substance of the Contractor's Proposal development, have or may have that are in whole or in part implicated in the Proposal. Such required intellectual property rights notice includes, but is not limited to, disclosure of any issued patents, copyrights, or licenses; pending patent, copyright or license applications; and any intellectual property rights that though not yet issued, applied for or intended to be pursued, could nevertheless otherwise be subsequently the subject of patent, copyright or license protection by the Contractor or others in the future. This notice requirement does not extend to intellectual property rights as to stand-alone or integral components of the Proposal that are already on the Department's Approved Product List (APL) or Design Standard Indexes, or are otherwise generally known in the industry as being subject to patent or copyright protection.

4-3.9.8.2 Department's Future Rights to a Proposal: Notwithstanding 7-3 nor any other provision of the Standard Specifications, upon acceptance of a Proposal, the Contractor hereby grants to the Department and its contractors (such grant being expressly limited solely to any and all existing or future Department construction projects and any other Department projects that are partially or wholly funded by or for the Department) a royalty-free and perpetual license under all forms of intellectual property rights to manufacture, to use, to design, to construct, to disclose, to reproduce, to prepare and fully utilize derivative works, to distribute, display and publish, in whole or in part, and to permit others to do any of the above, and to otherwise in any manner and for any purpose whatsoever do anything reasonably necessary to fully utilize any and all aspects of such Proposal on any and all existing and future construction projects and any other Department projects.

Contractor shall hold harmless, indemnify and defend the Department and its contractors and others in privity therewith from and against any and all claims, liabilities, other obligations or losses, and reasonable expenses related thereto (including reasonable attorneys' fees), which are incurred or are suffered by any breach of the foregoing grants, and regardless of whether such intellectual property rights were or were not disclosed by the Contractor pursuant to 4-3.9.8.1, unless the Department has by express written exception in the Proposal acceptance process specifically released the Contractor from such obligation to hold harmless, indemnify and defend as to one or more disclosed intellectual property rights.

FROM SECTION 5 – CONTROL OF THE WORK (CLAIMS).

5-12 Claims by Contractor.

5-12.1 General: When the Contractor deems that extra compensation or a time extension is due beyond that agreed to by the Engineer, whether due to delay, additional work, altered work, differing site conditions, breach of Contract, or for any other cause, the Contractor shall follow the procedures set forth herein for preservation, presentation and resolution of the claim.

Submission of timely notice of intent to file a claim, preliminary time extension request, time extension request, and the certified written claim, together with full and complete claim documentation, are each a condition precedent to the Contractor bringing any circuit court, arbitration, or other formal claims resolution proceeding against the Department for the items and for the sums or time set forth in the Contractor's certified written claim. The failure to provide such notice of intent, preliminary time extension request, time extension request, certified written claim and full and complete claim documentation within the time required shall constitute a full, complete, absolute and irrevocable waiver by the Contractor of any right to additional compensation or a time extension for such claim.

5-12.2 Notice of Claim:

5-12.2.1 Claims For Extra Work: Where the Contractor deems that additional compensation or a time extension is due for work or materials not expressly provided for in the Contract or which is by written directive expressly ordered by the Engineer pursuant to 4-3, the Contractor shall submit written notification to the Engineer of the intention to make a claim for additional compensation before beginning the work on which the claim is based, and if seeking a time extension, the Contractor shall also submit a preliminary request for time extension pursuant to 8-7.3.2 within ten calendar days after commencement of a delay and a request for Contract Time extension pursuant to 8-7.3.2 within thirty calendar days after the elimination of the delay. If such written notification is not submitted and the Engineer is not afforded the opportunity for keeping strict account of actual labor, material, equipment, and time, the

Contractor waives the claim for additional compensation or a time extension. Such notice by the Contractor, and the fact that the Engineer has kept account of the labor, materials and equipment, and time, shall not in any way be construed as establishing the validity of the claim or method for computing any compensation or time extension for such claim. On projects with an original Contract amount of \$3,000,000 or less within 90 calendar days after final acceptance of the project in accordance with 5-11, and on projects with an original Contract amount greater than \$3,000,000 within 180 calendar days after final acceptance of the project in accordance with 5-11, the Contractor shall submit full and complete claim documentation as described in 5-12.3 and duly certified pursuant to 5-12.9. However, for any claim or part of a claim that pertains solely to final estimate quantities disputes the Contractor shall submit full and complete claim documentation as described in 5-12.3 and duly certified pursuant to 5-12.9, as to such final estimate claim dispute issues, within 90 or 180 calendar days, respectively, of the Contractor's receipt of the Department's final estimate.

If the Contractor fails to submit a certificate of claim as described in 5-12.9, the Department will so notify the Contractor in writing. The Contractor shall have ten calendar days from receipt of the notice to resubmit the claim documentation, without change, with a certificate of claim as described in 5-12.9, without regard to whether the resubmission is within the applicable 90 or 180 calendar day deadline for submission of full and complete claim documentation. Failure by the Contractor to comply with the ten calendar day notice shall constitute a waiver of the claim.

5-12.2.2 Claims For Delay: Where the Contractor deems that additional compensation or a time extension is due on account of delay, differing site conditions, breach of Contract, or any other cause other than for work or materials not expressly provided for in the Contract (Extra Work) or which is by written directive of the Engineer expressly ordered by the Engineer pursuant to 4-3, the Contractor shall submit a written notice of intent to the Engineer within ten days after commencement of a delay to a controlling work item expressly notifying the Engineer that the Contractor intends to seek additional compensation, and if seeking a time extension, the Contractor shall also submit a preliminary request for time extension pursuant to 8-7.3.2 within ten calendar days after commencement of a delay to a controlling work item, as to such delay and providing a reasonably complete description as to the cause and nature of the delay and the possible impacts to the Contractor's work by such delay, and a request for Contract Time extension pursuant to 8-7.3.2 within thirty calendar days after the elimination of the delay. On projects with an original Contract amount of \$3,000,000 or less within 90 calendar days after final acceptance of the project in accordance with 5-11, and on projects with an original Contract amount greater than \$3,000,000 within 180 calendar days after final acceptance of the project in accordance with 5-11, the Contractor shall submit full and complete documentation as described in 5-12.3 and duly certified pursuant to 5-12.9.

If the Contractor fails to submit a certificate of claim as described in 5-12.9, the Department will so notify the Contractor in writing. The Contractor shall have ten calendar days from receipt of the notice to resubmit the claim documentation, without change, with a certificate of claim as described in 5-12.9, without regard to whether the resubmission is within the applicable 90 or 180 calendar day deadline for submission of full and complete claim documentation. Failure by the Contractor to comply with the ten calendar day notice shall constitute a waiver of the claim.

There shall be no Contractor entitlement to any monetary compensation or time extension for any delays or delay impacts, whatsoever, that are not to a controlling work item, and then as to any such delay to a controlling work item entitlement to any monetary compensation or time extension shall only be to the extent such is otherwise provided for expressly under 4-3 or 5-12, except that in the instance of delay to a non-controlling item of work the Contractor may be compensated for the direct costs of idle labor or equipment only, at the rates set forth in 4-3.2.1(1) and (3), and then only to the extent the Contractor could not reasonably mitigate such idleness.

5-12.3 Content of Written Claim: As a condition precedent to the Contractor being entitled to additional compensation or a time extension under the Contract, for any claim, the Contractor shall submit a certified written claim to the Department which will include for each individual claim, at a minimum, the following information:

1. A detailed factual statement of the claim providing all necessary dates, locations, and items of work affected and included in each claim;

2. The date or dates on which actions resulting in the claim occurred or conditions resulting in the claim became evident;

3. Identification of all pertinent documents and the substance of any material oral communications relating to such claim and the name of the persons making such material oral communications;

4. Identification of the provisions of the Contract which support the claim and a statement of the reasons why such provisions support the claim, or alternatively, the provisions of the Contract which allegedly have been breached and the actions constituting such breach;

5. A detailed compilation of the amount of additional compensation sought and a breakdown of the amount sought as follows:

a. documented additional job site labor expenses;

b. documented additional cost of materials and supplies;

c. a list of additional equipment costs claimed, including each piece of equipment and the rental rate claimed for each;

d. any other additional direct costs or damages and the documents in support thereof;

e. any additional indirect costs or damages and all documentation in support thereof.

6. A detailed compilation of the specific dates and the exact number of calendar days sought for a time extension, the basis for entitlement to time for each day, all documentation of the delay, and a breakout of the number of days claimed for each identified event, circumstance or occurrence.

Further, the Contractor shall be prohibited from amending either the bases of entitlement or the amount of any compensation or time stated for any and all issues claimed in the Contractor's written claim submitted hereunder, and any circuit court, arbitration, or other formal claims resolution proceeding shall be limited solely to the bases of entitlement and the amount of any compensation or time stated for any and all issues claimed in the Contractor's written claim submitted hereunder. This shall not, however, preclude a Contractor from withdrawing or reducing any of the bases of entitlement and the amount of any compensation or time stated for any and all issues claimed in the Contractor's written claim submitted hereunder at any time.

5-12.4 Action on Claim: The Engineer will respond in writing on projects with an original Contract amount of \$3,000,000 or less within 90 calendar days of receipt of a complete claim submitted by a Contractor in compliance with 5-12.3, and on projects with an original Contract amount greater than \$3,000,000 within 120 calendar days of receipt of a complete claim submitted by a Contractor in compliance with 5-12.3. Failure by the Engineer to respond to a claim in writing within 90 or 120 days, respectively, after receipt of a complete claim submitted by the Contractor in compliance with 5-12.3 constitutes a denial of the claim by the Engineer. If the Engineer finds the claim or any part thereof to be valid, such partial or whole claim will be allowed and paid for to the extent deemed valid and any time extension granted, if applicable, as provided in the Contract. No circuit court or arbitration proceedings on any claim, or a part thereof, may be filed until after final acceptance per 5-11 of all Contract work by the Department or denial hereunder, whichever occurs last.

5-12.5 Pre-Settlement and Pre-Judgment Interest: Entitlement to any pre-settlement or pre-judgment interest on any claim amount determined to be valid subsequent to the Department's receipt of a certified written claim in full compliance with 5-12.3, whether determined by a settlement or a final ruling in formal proceedings, the Department shall pay to the Contractor simple interest calculated at the Prime Rate (as reported by the Wall Street Journal as the base rate on corporate loans posted by at least 75% of the nations 30 largest banks) as of the 60th calendar day following the Department's receipt of a certified written claim in full compliance with 5-12.3, such interest to accrue beginning 60 calendar days following the Department's receipt of a certified written claim in full compliance with 5-12.3 and ending on the date of final settlement or formal ruling.

5-12.6 Compensation for Extra Work or Delay:

5-12.6.1 Compensation for Extra Work: Notwithstanding anything to the contrary contained in the Contract Documents, the Contractor shall not be entitled to any compensation beyond that provided for in 4-3.2.

5-12.6.2 Compensation for Delay: Notwithstanding anything to the contrary contained in the Contract Documents, the additional compensation set forth in 5-12.6.2.1 shall be the Contractor's sole

monetary remedy for any delay other than to perform extra work caused by the Department unless the delay shall have been caused by acts constituting willful or intentional interference by the Department with the Contractor's performance of the work and then only where such acts continue after Contractor's written notice to the Department of such interference. The parties anticipate that delays may be caused by or arise from any number of events during the term of the Contract, including, but not limited to, work performed, work deleted, supplemental agreements, work orders, disruptions, differing site conditions, utility conflicts, design changes or defects, time extensions, extra work, right-of-way issues, permitting issues, actions of suppliers, subcontractors or other contractors, actions by third parties, suspensions of work by the Engineer pursuant to 8-6.1, shop drawing approval process delays, expansion of the physical limits of the project to make it functional, weather, weekends, holidays, special events, suspension of Contract Time, or other events, forces or factors sometimes experienced in construction work. Such delays or events and their potential impacts on the performance by the Contractor are specifically contemplated and acknowledged by the parties in entering into this Contract, and shall not be deemed to constitute willful or intentional interference with the Contractor's performance of the work without clear and convincing proof that they were the result of a deliberate act, without reasonable and good-faith basis, and specifically intended to disrupt the Contractor's performance.

5-12.6.2.1 Compensation for Direct Costs, Indirect Costs, Expenses, and Profit thereon, of or from Delay: For any delay claim, the Contractor shall be entitled to monetary compensation for the actual idle labor and equipment, and indirect costs, expenses, and profit thereon, as provided for in 4-3.2.1(4) and solely for costs incurred beyond what reasonable mitigation thereof the Contractor could have undertaken.

5-12.7 Mandatory Claim Records: After submitting to the Engineer a notice of intent to file a claim for extra work or delay, the Contractor must keep daily records of all labor, material and equipment costs incurred for operations affected by the extra work or delay. These daily records must identify each operation affected by the extra work or delay and the specific locations where work is affected by the extra work or delay, as nearly as possible. The Engineer may also keep records of all labor, material and equipment used on the operations affected by the extra work or delay. The Contractor shall, once a notice of intent to claim has been timely filed, and not less than weekly thereafter as long as appropriate, submit the Contractor's daily records to the Engineer and be likewise entitled to receive the Department's daily records. The daily records to be submitted hereunder shall be done at no cost to the recipient.

5-12.8 Claims For Acceleration: The Department shall have no liability for any constructive acceleration of the work, nor shall the Contractor have any right to make any claim for constructive acceleration nor include the same as an element of any claim the Contractor may otherwise submit under this Contract. If the Engineer gives express written direction for the Contractor to accelerate its efforts, such written direction will set forth the prices and other pertinent information and will be reduced to a written Contract Document promptly. No payment will be made on a Supplemental Agreement for acceleration prior to the Department's approval of the documents.

5-12.9 Certificate of Claim: When submitting any claim, the Contractor shall certify under oath and in writing, in accordance with the formalities required by Florida law, that the claim is made in good faith, that the supportive data are accurate and complete to the Contractor's best knowledge and belief, and that the amount of the claim accurately reflects what the Contractor in good faith believes to be the Department's liability. Such certification must be made by an officer or director of the Contractor with the authority to bind the Contractor.

5-12.10 Non-Recoverable Items: The parties agree that for any claim the Department will not have liability for the following items of damages or expense:

1. Loss of profit, incentives or bonuses;
2. Any claim for other than extra work or delay;
3. Consequential damages, including, but not limited to, loss of bonding capacity, loss of bidding opportunities, loss of credit standing, cost of financing, interest paid, loss of other work or insolvency;
4. Acceleration costs and expenses, except where the Department has expressly and specifically directed the Contractor in writing "to accelerate at the Department's expense"; nor
5. Attorney fees, claims preparation expenses and costs of litigation.

5-12.11 Exclusive Remedies: Notwithstanding any other provision of this Contract, the parties agree that the Department shall have no liability to the Contractor for expenses, costs, or items of damages other than those which are specifically identified as payable under 5-12. In the event any legal action for additional compensation, whether on account of delay, acceleration, breach of contract, or otherwise, the Contractor agrees that the Department's liability will be limited to those items which are specifically identified as payable in 5-12.

5-12.12 Settlement Discussions: The content of any discussions or meetings held between the Department and the Contractor to settle or resolve any claims submitted by the Contractor against the Department shall be inadmissible in any legal, equitable, arbitration or administrative proceedings brought by the Contractor against the Department for payment of such claim. Dispute Resolution Board, State Arbitration Board and Claim Review Committee proceedings are not settlement discussions, for purposes of this provision.

5-12.13 Personal Liability of Public Officials: In carrying out any of the provisions of the Contract or in exercising any power or authority granted to the Secretary of Transportation, Engineer or any of their respective employees or agents, there shall be no liability on behalf of any employee, officer or official of the Department for which such individual is responsible, either personally or as officials or representatives of the Department. It is understood that in all such matters such individuals act solely as agents and representatives of the Department.

5-12.14 Auditing of Claims: All claims filed against the Department shall be subject to audit at any time following the filing of the claim, whether or not such claim is part of a suit pending in the Courts of this State. The audit may be performed, at the Department's sole discretion, by employees of the Department or by any independent auditor appointed by the Department, or both. The audit may begin after ten days written notice to the Contractor, subcontractor, or supplier. The Contractor, subcontractor, or supplier shall make a good faith effort to cooperate with the auditors. As a condition precedent to recovery on any claim, the Contractor, subcontractor, or supplier must retain sufficient records, and provide full and reasonable access to such records, to allow the Department's auditors to verify the claim and failure to retain sufficient records of the claim or failure to provide full and reasonable access to such records shall constitute a waiver of that portion of such claim that cannot be verified and shall bar recovery thereunder. Further, and in addition to such audit access, upon the Contractor submitting a written claim, the Department shall have the right to request and receive, and the Contractor shall have the affirmative obligation to submit to the Department any and all documents in the possession of the Contractor or its subcontractors, materialmen or suppliers as may be deemed relevant by the Department in its review of the basis, validity or value of the Contractor's claim.

Without limiting the generality of the foregoing, the Contractor shall upon written request of the Department make available to the Department's auditors, or upon the Department's written request, submit at the Department's expense, any or all of the following documents:

1. Daily time sheets and foreman's daily reports and diaries;
2. Insurance, welfare and benefits records;
3. Payroll register;
4. Earnings records;
5. Payroll tax return;
6. Material invoices, purchase orders, and all material and supply acquisition contracts;
7. Material cost distribution worksheet;
8. Equipment records (list of company owned, rented or other equipment used);
9. Vendor rental agreements and subcontractor invoices;
10. Subcontractor payment certificates;
11. Canceled checks for the project, including, payroll and vendors;
12. Job cost report;
13. Job payroll ledger;
14. General ledger, general journal, (if used) and all subsidiary ledgers and journals together with all supporting documentation pertinent to entries made in these ledgers and journals;
15. Cash disbursements journal;
16. Financial statements for all years reflecting the operations on this project;

17. Income tax returns for all years reflecting the operations on this project;
18. All documents which reflect the Contractor's actual profit and overhead during the years this Contract was being performed and for each of the five years prior to the commencement of this Contract;
19. All documents related to the preparation of the Contractor's bid including the final calculations on which the bid was based;
20. All documents which relate to each and every claim together with all documents which support the amount of damages as to each claim;
21. Worksheets used to prepare the claim establishing the cost components for items of the claim including, but not limited to, labor, benefits and insurance, materials, equipment, subcontractors, and all documents that establish which time periods and individuals were involved, and the hours and rates for such individuals.

FROM SECTION 6 – CONTROL OF MATERIALS (CONVICT LABOR AND BUY AMERICA).

6-5 Products and Source of Supply.

6-5.1 Source of Supply–Convict Labor (Federal-Aid Contracts Only): Do not use materials that were produced after July 1, 1991, by convict labor for Federal-aid highway construction projects unless the prison facility has been producing convict-made materials for Federal-aid highway construction projects before July 1, 1987.

Use materials that were produced prior to July 2, 1991, by convicts on Federal-aid highway construction projects free from the restrictions placed on the use of these materials by 23 U.S.C. 114. The Department will limit the use of materials produced by convict labor for use in Federal-aid highway construction projects to:

1. Materials produced by convicts on parole, supervised release, or probation from a prison or,
2. Materials produced in a qualified prison facility.

The amount of such materials produced for Federal-aid highway construction during any 12-month period shall not exceed the amount produced in such facility for use in such construction during the 12-month period ending July 1, 1987.

6-5.2 Source of Supply-Steel: Use steel and iron manufactured in the United States, in accordance with the Buy America provisions of 23 CFR 635.410, as amended. Ensure that all manufacturing processes for this material occur in the United States. As used in this specification, a manufacturing process is any process that modifies the chemical content, physical shape or size, or final finish of a product, beginning with the initial melting and continuing through the final shaping and coating. If a steel or iron product is taken outside the United States for any manufacturing process, it becomes foreign source material. When using steel or iron materials as a component of any manufactured product (e.g., concrete pipe, prestressed beams, corrugated steel pipe, etc.), these same provisions apply. Foreign steel and iron may be used when the total actual cost of such foreign materials does not exceed 0.1% of the total Contract amount or \$2,500, whichever is greater. These requirements are applicable to all steel and iron materials incorporated into the finished work, but are not applicable to steel and iron items that the Contractor uses but does not incorporate into the finished work. Submit a certification from the manufacturer of steel or iron, or any product containing steel or iron, stating that all steel or iron furnished or incorporated into the furnished product was produced and manufactured in the United States or a statement that the product was produced within the United States except for minimal quantities of foreign steel and iron valued at \$ (actual cost). Submit each such certification to the Engineer prior to incorporating the material or product into the project. Prior to the use of foreign steel or iron materials on a project, submit invoices to document the actual cost of such material, and obtain the Engineer's written approval prior to incorporating the material into the project

FROM SECTION 7 – LEGAL REQUIREMENTS AND RESPONSIBILITIES TO THE PUBLIC (FHWA 1273, WAGE RATES, E-VERIFY, TITLE VI, DBE, AND ON-THE-JOB TRAINING).

Compliance with FHWA 1273: The FHWA-1273 Electronic version, dated May 1, 2012 is posted on the Department’s website at the following URL address <http://www.fdot.gov/programmanagement/Implemented/URLinSpecs/Files/FHWA1273.pdf> . Take responsibility to obtain this information and comply with all requirements posted on this website up through five calendar days before the opening of bids.

Comply with the provisions contained in FHWA-1273.

If the Department’s website cannot be accessed, contact the Department’s Specifications Office Web Coordinator at (850) 414-4101.

7-1.4 Compliance with Federal Endangered Species Act and other Wildlife Regulations: The Federal Endangered Species Act requires that the Department investigate the potential impact to a threatened or endangered species prior to initiating an activity performed in conjunction with a highway construction project. If the Department’s investigation determines that there is a potential impact to a protected, threatened or an endangered species, the Department will conduct an evaluation to determine what measures may be necessary to mitigate such impact. When mitigation measures and/or special conditions are necessary, these measures and conditions will be addressed in the Contract Documents or in permits as identified in 7-2.1.

In addition, in cases where certain protected, threatened or endangered species are found or appear within close proximity to the project boundaries, the Department has established guidelines that will apply when interaction with certain species occurs, absent of any special mitigation measures or permit conditions otherwise identified for the project.

These guidelines are posted at the following URL address:

<http://www.fdot.gov/programmanagement/Implemented/URLinSpecs/files/endangeredwildlifeguidelines.pdf>

Take responsibility to obtain this information and take all actions and precautions necessary to comply with the conditions of these guidelines during all project activities.

Prior to establishing any off-project activity in conjunction with a project, notify the Engineer of the proposed activity. Covered activities include but are not necessarily limited to borrow pits, concrete or asphalt plant sites, disposal sites, field offices, and material or equipment storage sites. Include in the notification the Financial Project ID, a description of the activity, the location of the site by township, range, section, county, and city, a site location map including the access route, the name of the property owner, and a person to contact to arrange a site inspection. Submit this notification at least 30 days in advance of planned commencement of the off-site activity, to allow for the Department to conduct an investigation without delaying job progress.

Do not perform any off-project activity without obtaining written clearance from the Engineer. In the event the Department’s investigation determines a potential impact to a protected, threatened or endangered species and mitigation measures or permits are necessary, coordinate with the appropriate resource agencies for clearance, obtain permits and perform mitigation measures as necessary. Immediately notify the Engineer in writing of the results of this coordination with the appropriate resource agencies. Additional compensation or time will not be allowed for permitting or mitigation, associated with Contractor initiated off-project activities.

7-1.8 Compliance with Section 4(f) of the USDOT Act: Section 4(f) of the USDOT Act prohibits the U. S. Secretary of Transportation from approving a project which requires the use of publicly owned land of a public park, recreation area or a wildlife and waterfowl refuge, or of any historic site of national, state, or local significance unless there is no prudent or feasible alternative to using that land and the program or project includes all possible planning to minimize the harm to the site resulting from the use.

Before undertaking any off-project activity associated with any federally assisted undertaking, ensure that the proposed site does not represent a public park, recreation area, wildlife or waterfowl refuge, or a historic site (according to the results of the Cultural Resources Survey discussed in

120-6.2). If such a site is proposed, notify the Engineer and provide a description of the proposed off-site activity, the Financial Project ID, the location of the site by township, range, section, a county or city map showing the site location, including the access route and the name of the property. It is the Contractor's responsibility to submit justification for use of Section 4(f) property that is sufficient for the Florida Department of Transportation and the Federal Highway Administration to make a Section 4(f) determination. Submit this notification sufficiently in advance of planned commencement of the off-site activity to allow a reasonable time for the Engineer to conduct an investigation without delaying job progress. Do not begin any off-project activity without obtaining written clearance from the Engineer.

7-16 Wage Rates for Federal-Aid Projects.

For this Contract, payment of predetermined minimum wages applies.

The U.S. Department of Labor (USDOL) Wage Rates applicable to this Contract are listed in table below, as modified up through ten days prior to the opening of bids.

Wage Rate Decision Number	Associated Work
FL226	Highway
_____	_____

Obtain the applicable General Decision(s) (Wage Tables) through the Department's Office of Construction website and ensure that employees receive the minimum compensation applicable. Review the General Decisions for all classifications necessary to complete the project. Request additional classifications through the Engineer's office when needed.

For guidance on the requirements for the payment of wages and benefits and the submittal of certified payrolls, and for general guidance and examples of multiple wage rates when assigned to a Contract, refer to the Department's Office of Construction website. Questions regarding wage rates and the applicability of wage tables should be submitted in accordance with 2-4.

Contact the Department's Prevailing Wage Rate Coordinator at (850) 414-4688 if the Department's website cannot be accessed or there are questions.

7-24 Disadvantaged Business Enterprise Program.

~~**7-24.1 Disadvantaged Business Enterprise Affirmative Action Plan:** Prior to award of the Contract, have an approved Disadvantaged Business Enterprise (DBE) Affirmative Action Program Plan filed with the Equal Opportunity Office. Update and resubmit the plan every three years. No Contract will be awarded until the Department approves the Plan. The DBE Affirmative Action Program Plan is incorporated into and made a part of the Contract.~~

7-24.2 Required Contract and Subcontract DBE Assurance Language: In accordance with 49 CFR 26.13 (b), the Contract FDOT signs with the Contractor (and each subcontract the prime contractor signs with a subcontractor) must include the following assurance: "The Contractor, sub-recipient or subcontractor shall not discriminate on the basis of race, color, national origin, or sex in the performance of this contract. The Contractor shall carry out applicable requirements of 49 CFR Part 26 in the award and administration of DOT-assisted Contracts. Failure by the Contractor to carry out these requirements is a material breach of this Contract, which may result in the termination of this Contract or such other remedy as the recipient deems appropriate, which may include, but is not limited to,

1. Withholding monthly progress payments;
2. Assessing sanctions;
3. Liquidated damages; and/or
4. Disqualifying the Contractor from future bidding as non-responsible."

~~**7-24.3 Plan Requirements:** Include the following in the DBE Affirmative Action Program Plan:
 _____ 1. A policy statement, signed by an authorized representative (president, chief executive officer, or chairman of the contractor), expressing a commitment to use DBEs in all aspects of contracting to~~

~~the maximum extent feasible, outlining the various levels of responsibility, and stating the objectives of the program. Circulate the policy statement throughout the Contractor's organization.~~

~~2. The designation of a Liaison Officer within the Contractor's organization, as well as support staff, necessary and proper to administer the program, and a description of the authority, responsibility, and duties of the Liaison Officer and support staff. The Liaison Officer and staff are responsible for developing, managing, and implementing the program on a day to day basis for carrying out technical assistance activities for DBEs and for disseminating information on available business opportunities so that DBEs are provided an equitable opportunity to participate in Contracts let by the Department.~~

~~3. Utilization of techniques to facilitate DBE participation in contracting activities which include, but are not limited to:~~

~~a. Soliciting price quotations and arranging a time for the review of Plans, quantities, specifications, and delivery schedules, and for the preparation and presentation of quotations.~~

~~b. Providing assistance to DBEs in overcoming barriers such as the inability to obtain bonding, financing, or technical assistance.~~

~~c. Carrying out information and communication programs or workshops on contracting procedures and specific contracting opportunities in a timely manner, with such programs being bilingual where appropriate.~~

~~d. Encouraging eligible DBEs to apply for certification with the Department.~~

~~e. Contacting Minority Contractor Associations and city and county agencies with programs for disadvantaged individuals for assistance in recruiting and encouraging eligible DBE contractors to apply for certification with the Department.~~

7-24.4 DBE Records and Reports: Submit the following through the Equal Opportunity Compliance System:

1. DBE Commitments - at or before the Pre-Construction Conference.

2. Report monthly, through the Equal Opportunity Compliance System on the Department's Website, actual payments (including retainage) made to DBEs for work performed with their own workforce and equipment in the area in which they are certified. Report payments made to all DBE and Minority Business Enterprise (MBE) subcontractors and DBE and MBE construction material and major suppliers.

The Equal Opportunity Office will provide instructions on accessing this system. Develop a record keeping system to monitor DBE affirmative action efforts which include the following:

1. the procedures adopted to comply with these Specifications;

2. the number of subordinated Contracts on Department projects awarded to DBEs;

3. the dollar value of the Contracts awarded to DBEs;

4. the percentage of the dollar value of all subordinated Contracts awarded to DBEs as a percentage of the total Contract amount;

5. a description of the general categories of Contracts awarded to DBEs; and

6. the specific efforts employed to identify and award Contracts to DBEs.

Upon request, provide the records to the Department for review.

Maintain all such records for a period of five years following acceptance of final payment and have them available for inspection by the Department and the Federal Highway Administration.

7-24.5 Counting DBE Participation and Commercially Useful Functions: 49 CFR Part 26.55 specifies when DBE credit shall be awarded for work performed by a DBE. DBE credit can only be awarded for work actually performed by DBEs themselves for the types of work for which they are certified. When reporting DBE Commitments, only include the dollars that a DBE is expected to earn for work they perform with their own workforce and equipment. Update DBE Commitments to reflect changes to the initial amount that was previously reported or to add DBEs not initially reported.

When a DBE participates in a contract, the value of the work is determined in accordance with 49 CFR Part 26.55, for example:

1. The Department will count only the value of the work performed by the DBE toward DBE goals. The entire amount of the contract that is performed by the DBE's own forces (including the cost of supplies, equipment and materials obtained by the DBE for the contract work) will be counted as DBE credit.

2. The Department will count the entire amount of fees or commissions charged by the DBE firm for providing a bona fide service, such as professional, technical, consultant, or managerial services or for providing bonds or insurance specifically required for the performance of a Department-assisted contract, toward DBE goals, provided that the Department determines the fees to be reasonable and not excessive as compared with fees customarily followed for similar services.

3. When the DBE subcontracts part of the work of its contract to another firm, the Department will count the value of the subcontracted work only if the DBE's subcontractor is itself a DBE. Work that a DBE subcontracts to a non-DBE firm does not count toward DBE goals.

4. When a DBE performs as a participant in a joint venture, the Department will count the portion of the dollar value of the contract equal to the distinct, clearly defined portion of the work the DBE performs with its own forces toward DBE goals.

5. The Contractors shall ensure that only expenditures to DBEs that perform a commercially useful function (CUF) in the work of a contract may be counted toward the voluntary DBE goal.

6. A DBE performs a commercially useful function when it is responsible for execution of the work of the contract and is carrying out its responsibilities by actually performing, managing, and supervising the work involved. To perform a commercially useful function, the DBE must also be responsible, with respect to materials and supplies used on the contract, for negotiating price, determining quality and quantity, ordering the material, and installing (where applicable) and paying for the material itself.

7. Contractors wishing to use joint checks involving DBE credit must provide written notice to the District Contract Compliance Office prior to issuance of the joint check. The Contractor must also provide a copy of the notice to the DBE subcontractor and maintain a copy with the project records.

8. To determine whether a DBE is performing a commercially useful function, the Department will evaluate the amount of work subcontracted, industry practices, whether the amount the firm is to be paid under the contract is commensurate with the work it is actually performing and the DBE credit claimed for its performance of the work, and other relevant factors.

9. A DBE does not perform a commercially useful function if its role is limited to that of an extra participant in a transaction, contract, or project through which funds are passed in order to obtain the appearance of DBE participation.

10. If a DBE does not perform or exercise responsibility for at least 30% of the total cost of its contract with its own workforce, or if the DBE subcontracts a greater portion of the work of a contract than would be expected on the basis of normal industry practice for the type of work involved, the DBE has not performed a commercially useful function.

7-24.6 Prompt Payments: Meet the requirements of 9-5 for payments to all DBE subcontractors.

7-25 On-The-Job Training Requirements.

As part of the Contractor's equal employment opportunity affirmative action program, training shall be provided as follows:

The Contractor shall provide On-The-Job Training aimed at developing full journeymen in the type of trade or job classification involved in the work. In the event the Contractor subcontracts a portion of the contract work, it shall determine how many, if any, of the trainees are to be trained by the subcontractor provided, that the Contractor shall retain the primary responsibility for meeting the training requirements imposed by this Section. Ensure that, when feasible, 25% of trainees in each occupation are in their first year of training. The Contractor shall incorporate the requirements of this Section into such subcontract.

The number of trainees will be estimated on the number of calendar days of the contract, the dollar value, and the scope of work to be performed. The trainee goal will be finalized at a Post-Preconstruction Trainee Evaluation Meeting and the goal will be distributed among the work classifications based on the following criteria:

1. Determine the number of trainees on Federal Aid Contract:

a. No trainees will be required for contracts with a Contract Time allowance of less than 275 calendar days.

b. If the Contract Time allowance is 275 calendar days or more, the number of trainees shall be established in accordance with the following chart:

Estimated Contract Amount	Trainees Required
\$2,000,000 or less	0
Over \$2,000,000 to \$4,000,000	2
Over \$4,000,000 to \$6,000,000	3
Over \$6,000,000 to \$12,000,000	5
Over \$12,000,000 to \$18,000,000	7
Over \$18,000,000 to \$24,000,000	9
Over \$24,000,000 to \$31,000,000	12
Over \$31,000,000 to \$37,000,000	13
Over \$37,000,000 to \$43,000,000	14
Over \$43,000,000 to \$49,000,000	15
Over \$49,000,000 to \$55,000,000	16
Over \$55,000,000 to \$62,000,000	17
Over \$62,000,000 to \$68,000,000	18
Over \$68,000,000 to \$74,000,000	19
Over \$74,000,000 to \$81,000,000	20
Over \$81,000,000 to \$87,000,000	21
Over \$87,000,000 to \$93,000,000	22
Over \$93,000,000 to \$99,000,000	23
Over \$99,000,000 to \$105,000,000	24
Over \$105,000,000 to \$112,000,000	25
Over \$112,000,000 to \$118,000,000	26
Over \$118,000,000 to \$124,000,000	27
Over \$124,000,000 to \$130,000,000	28
Over \$130,000,000 to *	
*One additional trainee per \$6,000,000 of estimated Construction Contract amount over \$130,000,000	

Further, if the Contractor or subcontractor requests to utilize banked trainees as discussed later in this Section, a Banking Certificate will be validated at this meeting allowing credit to the Contractor for previously banked trainees. Banked credits of prime Contractors working as Subcontractors may be accepted for credit. The Contractor’s Project Manager, the Construction Project Engineer and the Department’s District Contract Compliance Manager will attend this meeting. Within ten days after the Post-Preconstruction Training Evaluation Meeting, the Contractor shall submit to the Department for approval an On-The-Job Training Schedule indicating the number of trainees to be trained in each selected classification and the portion of the Contract Time during which training of each trainee is to take place. This schedule may be subject to change if any of the following occur:

1. When a start date on the approved On-The-Job Training Schedule has been missed by 14 or more days;
2. When there is a change in previously approved classifications;
3. When replacement trainees are added due to voluntary or involuntary termination

The revised schedule will be resubmitted to and approved by the Department’s District Contract Compliance Manager.

The following criteria will be used in determining whether or not the Contractor has complied with this Section as it relates to the number of trainees to be trained:

1. Credit will be allowed for each trainee that is both enrolled and satisfactorily completes training on this Contract. Credit for trainees, over the established number for this Contract, will be carried in a “bank” for the Contractor and credit will be allowed for those surplus trainees in subsequent, applicable

projects. A “banked” trainee is described as an employee who has been trained on a project, over and above the established goal, and for which the Contractor desires to preserve credit for utilization on a subsequent project.

2. Credit will be allowed for each trainee that has been previously enrolled in the Department’s approved training program on another contract and continues training in the same job classification and completes their training on a different contract.

3. Credit will be allowed for each trainee who, due to the amount of work available in their classification, is given the greatest practical amount of training on the contract regardless of whether or not the trainee completes training.

4. Credit will be allowed for any training position indicated in the approved On-The-Job Training Schedule, if the Contractor can demonstrate that made a good faith effort to provide training in that classification was made.

5. No credit will be allowed for a trainee whose employment by the Contractor is involuntarily terminated unless the Contractor can clearly demonstrate good cause for this action.

Training and upgrading of minorities, women and economically disadvantaged persons toward journeyman status is a primary objective of this Section. Accordingly, the Contractor shall make every effort to enroll minority trainees and women (e.g., by conducting systematic and direct recruitment through public and private sources likely to yield minority and women trainees) to the extent such persons are available within a reasonable area of recruitment. If a non-minority male is enrolled into the On-The-Job Training Program, the On-The-Job Training Notification of Personnel Action Form notifying the District Contract Compliance Manager of such action shall be accompanied by a disadvantaged certification or a justification for such action acceptable to the Department’s District Contract Compliance Manager. The Contractor will be given an opportunity and will be responsible for demonstrating the steps that it has taken in pursuance thereof, prior to a determination as to whether the Contractor is in compliance with this Section. This training is not intended, and shall not be used, to discriminate against any applicant for training, whether a minority, woman or disadvantaged person.

No employee shall be employed as a trainee in any classification in which they have successfully completed a training course leading to journeyman status, or have been employed as a journeyman. The Contractor may satisfy this requirement by including appropriate questions in the employee application or by other suitable means. Regardless of the method used, the Contractor’s records should document the findings in each case.

The minimum length and type of training for each classification will be as established at the Post-Preconstruction Trainee Evaluation Meeting and approved by the Department. Graduation to journeyman status will be based upon satisfactory completion of a Proficiency Demonstration set up at the completion of training and established for the specific training classification, completion of the minimum hours in a training classification range, and the employer’s satisfaction that the trainee does meet journeyman status in the classification of training. Upon reaching journeyman status, the following documentation must be forwarded to the District Contract Compliance Office:

1. Trainee Enrollment and Personnel Action Form

2. Proficiency Demonstration Verification Form indicating completion of each standard established for the classification signed by representatives of both the Contractor and the Department.

The Department and the Contractor shall establish a program that is tied to the scope of the work in the project and the length of operations providing it is reasonably calculated to meet the equal employment opportunity obligations of the Contractor and to qualify the average trainee for journeyman status in the classifications concerned, by at least, the minimum hours prescribed for a training classification.

Furthermore, apprenticeship programs registered with the U.S. Department of Labor, Bureau of Apprenticeship and Training, or with a State apprenticeship agency recognized by the Bureau and training programs approved but not necessarily sponsored by the U.S. Department of Labor, Manpower Administration, Bureau of Apprenticeship and Training shall also be considered acceptable provided it is being administered in a manner consistent with the equal employment obligations of Federal Aid highway construction contract. Approval or acceptance of a training schedule shall be obtained from the Department prior to commencing work on the classifications covered by the program.

A voluntary On-The-Job Training Program is available to a Contractor which has been awarded a state funded project. Through this program, the Contractor will have the option to train employees on state funded projects for “banked credit” as discussed previously in this provision, to be utilized on subsequent Federal Aid Projects where training is required. Those Contractors availing themselves of this opportunity to train personnel on state funded projects and bank trainee hours for credit shall comply with all training criteria set forth in this Section for Federal Aid Projects; voluntary banking may be denied by the Department if staff is not available to monitor compliance with the training criteria.

It is the intention of these provisions that training is to be provided in the construction crafts rather than clerk-typists or secretarial type positions. Training is permissible in lower level management positions such as office engineers, estimators, etc., where the training is oriented toward construction applications. Training in the laborer classifications, except Common/General Laborer, may be permitted provided that significant and meaningful training is provided and approved by the District Contract Compliance Office.

When approved in advance by the District Contract Compliance Manager, credit will be given for training of persons in excess of the number specified herein under the current contract or a Contractor will be allowed to bank trainees who have successfully completed a training program and may apply those trainees to a training requirement in subsequent project(s) upon approval of the Department’s District Contract Compliance Manager. This credit will be given even though the Contractor may receive training program funds from other sources, provided such other source do not specifically prohibit the Contractor from receiving other form of compensation. Offsite training is permissible as long as the training is an integral part of an approved training program and does not compromise a significant part of the overall training. Credit for offsite training indicated above may only be made to the Contractor when it does one or more of the following and the trainees are concurrently employed on a Federal Aid Project:

1. Contributes to the cost of the training,
2. Provides the instruction to the trainee,
3. Pays the trainee’s wages during the offsite training period.

The Contractor shall compensate the trainee at no less than the laborer rate established in the Contract at the onset of training. The compensation rate will be increased to the journeyman’s wage upon graduation from the training program for the remainder of the time the trainee works in the classification in which they were trained.

The Contractor shall furnish the trainee a copy of the program they will follow in providing the training. The Contractor shall provide each trainee with a certification showing the type and length of training satisfactorily completed. The Contractor shall enroll a trainee in one training classification at a time to completion before the trainee can be enrolled in another classification on the same project.

The Contractor shall maintain records to document the actual hours each trainee is engaged in training on work being performed as a part of this Contract.

The Contractor shall submit to the District Contract Compliance Manager a copy of an On-The-Job Training Notification of Personnel Action form no later than seven days after the effective date of the action when the following actions occur: a trainee is transferred on the project, transferred from the project to continue training on another contract, completes training, is upgraded to journeyman status or voluntary terminates or is involuntary terminated from the project.

The Contractor shall furnish to the District Contract Compliance Manager a copy of a Monthly Time Report for each trainee. The Monthly Time Report for each month shall be submitted no later than the tenth day of the subsequent month. The Monthly Time Report shall indicate the phases and sub-phases of the number of hours devoted to each proficiency.

Highway or Bridge Carpenter Helper, Mechanic Helper, Rodman/Chainman, and Timekeeper classifications will not be approved for the On-The-Job Training Program.

The number of trainees may be distributed among the work classifications on the basis of the Contractor’s needs and the availability of journeymen in the various classifications within a reasonable area of recruitment.

The Contractor will have fulfilled the responsibilities of this Specification when acceptable training has been provided to the trainee as specified above.

7-26 Cargo Preference Act – Use of United States-Flag Vessels.

Pursuant to Title 46 CFR 381, the Contractor agrees

1. To utilize privately owned United States-flag commercial vessels to ship at least 50 percent of the gross tonnage (computed separately for dry bulk carriers, dry cargo liners, and tankers) involved, whenever shipping any equipment, material, or commodities pursuant to this Contract, to the extent such vessels are available at fair and reasonable rates for United States-flag commercial vessels.

2. To furnish within 20 days following the date of loading for shipments originating within the United States or within 30 working days following the date of loading for shipments originating outside the United States, a legible copy of a rated, ‘on-board’ commercial ocean bill-of-lading in English for each shipment of cargo described in paragraph 1 of this Article to both the Contracting Officer (through the prime contractor in the case of subcontractor bills-of-lading) and to the Division of National Cargo, Office of Market Development, Maritime Administration, Washington, DC 20590.

3. To insert the substance of the provisions of this clause in all subcontracts issued pursuant to this Contract.

7-29 E-Verify.

The Contractor shall utilize the U.S. Department of Homeland Security’s E-Verify system to verify the employment eligibility of all new employees hired by the Contractor during the term of the Contract and shall expressly require any subcontractors performing work or providing services pursuant to the Contract to likewise utilize the U.S. Department of Homeland Security’s E-Verify system to verify the employment eligibility of all new employees hired by the subcontractor during the Contract term.

7-31 Title VI Assurance – DOT 1050.2A, Appendix A and Appendix E.

7-31.1 Appendix A: During the performance of this Contract, the Contractor, for itself, its assignees and successors in interest (hereinafter referred to as the “Contractor”) agrees as follows:

1. Compliance with Regulations: The Contractor shall comply with the Regulations relative to nondiscrimination in Federally-assisted programs of the US Department of Transportation (hereinafter, “USDOT”) Title 49, Code of Federal Regulations, Part 21, as they may be amended from time to time, (hereinafter referred to as the Regulations), which are herein incorporated by reference and made a part of this Contract.

2. Nondiscrimination: The Contractor, with regard to the work performed by it during the Contract, shall not discriminate on the basis of race, color, national origin or sex in the selection and retention of sub-contractors, including procurements of materials and leases of equipment. The Contractor shall not participate either directly or indirectly in the discrimination prohibited by Section 21.5 of the Regulations, including employment practices when the Contract covers a program set forth in Appendix B of the Regulations.

3. Solicitations for subcontractors, including procurements of materials and equipment: In all solicitations either by competitive bidding or negotiation made by the Contractor for work to be performed under subcontract, including procurements of materials or leases of equipment, each potential subcontractor or supplier shall be notified by the Contractor of the Contractor’s obligations under this contract and the Regulations relative to nondiscrimination on the basis of race, color, national origin, or sex.

4. Information and Reports: The Contractor shall provide all information and reports required by the Regulations or directives issued pursuant thereto, and shall permit access to its books, records, accounts, other sources of information and its facilities as may be determined by the Florida Department of Transportation or the Federal Highway Administration, Federal Transit Administration, Federal Aviation Administration, and Federal Motor Carrier Safety Administration to be pertinent to ascertain compliance with such Regulations, order and instructions. Where any information required of a Contractor is in the exclusive possession of another who fails or refuses to furnish this information the Contractor shall so certify to the Florida Department of Transportation, or the Federal Highway Administration, Federal Transit Administration, Federal Aviation Administration, or Federal Motor Carrier Safety Administration as appropriate, and shall set forth what efforts it has made to obtain the information.

5. Sanctions for Noncompliance: In the event of the Contractor's noncompliance with the nondiscrimination provisions of this Contract, the Florida Department of Transportation shall impose such Contract sanctions as it or the Federal Highway Administration, Federal Transit Administration, Federal Aviation Administration, or Federal Motor Carrier Safety Administration may determine to be appropriate, including, but not limited to:

a. withholding of payments to the Contractor under the Contract until the Contractor complies, or

b. cancellation, termination or suspension of the Contract, in whole or in part.

6. Incorporation of Provisions: The Contractor shall include the provisions of this appendix in every subcontract, including procurements of materials and leases of equipment, unless exempt by the Regulations, or directives issued pursuant thereto. The Contractor shall take such action with respect to any subcontract or procurement as the Florida Department of Transportation or the Federal Highway Administration, Federal Transit Administration, Federal Aviation Administration, or Federal Motor Carrier Safety Administration may direct as a means of enforcing such provisions including sanctions for noncompliance, provided, however, that, in the event a Contractor becomes involved in, or is threatened with, litigation with a subcontractor or supplier as a result of such direction, the Contractor may request the Florida Department of Transportation to enter into such litigation to protect the interests of the Florida Department of Transportation, and, in addition, the Contractor may request the United States to enter into such litigation to protect the interests of the United States.

7-31.2 Appendix E: During the performance of this Contract, the Contractor, for itself, its assignees, and successors in interest (hereinafter referred to as the "Contractor" agrees to comply with the following non-discrimination statutes and authorities; including but not limited to:

1. Title VI of the Civil Rights Act of 1964 (42 U.S.C. § 2000d et seq., 78 stat. 252), (prohibits discrimination on the basis of race, color, national origin); and 49 CFR Part 21;

2. The Uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970, (42 U.S.C. § 4601), (prohibits unfair treatment of persons displaced or whose property has been acquired of Federal or Federal-aid programs and projects);

3. Federal-Aid Highway Act of 1973, (23 U.S.C § 324 et seq.), (prohibits discrimination on the basis of sex);

4. Section 504 of the Rehabilitation Act of 1973 (29 U.S.C. § 794 et seq.), as amended, (prohibits discrimination on the basis of disability); and 49 CFR Part 27;

5. The Age Discrimination Act of 1975, as amended, (42 U.S.C. § 6101 et seq.), (prohibits discrimination on the basis of age);

6. Airport and Airway Improvement Act of 1982, (49 U.S.C. 471, Section 47123), as amended, (prohibits discrimination based on race, creed, color national origins or sex);

7. The Civil Rights Restoration Act of 1987 (PL 100-209), (Broadened the scope, coverage and applicability of Title VI of the Civil Rights Act of 1964, The Age Discrimination Act of 1975 and Section 504 of the Rehabilitation Act of 1973, by expanding the definition of the terms "programs or activities" to include all of the programs or activities of the Federal-aid recipients, sub-recipients and contractors, whether such programs or activities are Federally funded or not);

8. Titles II and III of the Americans with Disabilities Act, which prohibits discrimination on the basis of disability in the operation of public entities, public and private transportation systems, places of public accommodation, and certain testing entities (42 U.S.C. §§ 12131 – 12189) as implemented by Department of Transportation regulations at 49 C.F.R. parts 37 and 38;

FROM SECTION 8 (SUBLETTING, CONTRACT TIME EXTENSIONS, AND LIQUIDATED DAMAGES).

8-1 Subletting or Assigning of Contracts.

Do not, sell, transfer, assign or otherwise dispose of the Contract or Contracts or any portion thereof, or of the right, title, or interest therein, without written consent of the Department. If the Contractor chooses to sublet any portion of the Contract, the Contractor must provide a written request to sublet work on the

Certification of Sublet Work form developed by the Department for this purpose. With the Engineer's acceptance of the request, the Contractor may sublet a portion of the work, but shall perform with its own organization work amounting to not less than 40% of the total Contract amount. The Certification of Sublet Work request will be deemed acceptable by the Department, for purposes of the Department's consent, unless the Engineer notifies the Contractor within 5 business days of receipt of the Certification of Sublet Work that the Department is not consenting to the requested subletting.

Include in the total Contract amount the cost of materials and manufactured component products, and their transportation to the project site. For the purpose of meeting this requirement the Department will not consider off-site commercial production of materials and manufactured component products that the Contractor purchases, or their transportation to the project, as subcontracted work.

If the Contractor sublets a part of a Contract item, the Department will use only the sublet proportional cost in determining the percentage of subcontracted normal work.

Execute all agreements to sublet work in writing and include all pertinent provisions and requirements of the Contract. All other agreements must be in writing and reference all applicable Contract provisions. Upon request, furnish the Department with a copy of the subcontract and agreement. The subletting of work does not relieve the Contractor or the surety of their respective liabilities under the Contract.

The Department recognizes a subcontractor only in the capacity of an employee or agent of the Contractor, and the Engineer may require the Contractor to remove the subcontractor as in the case of an employee.

8-7.3.2 Contract Time Extensions: The Department may grant an extension of Contract Time when a controlling item of work is delayed by factors not reasonably anticipated or foreseeable at the time of bid. The Department may allow such extension of time only for delays occurring during the Contract Time period or authorized extensions of the Contract Time period. When failure by the Department to fulfill an obligation under the Contract results in delays to the controlling items of work, the Department will consider such delays as a basis for granting a time extension to the Contract.

Whenever the Engineer suspends the Contractor's operations, as provided in 8-6, for reasons other than the fault of the Contractor, the Engineer will grant a time extension for any delay to a controlling item of work due to such suspension. The Department will not grant time extensions to the Contract for delays due to the fault or negligence of the Contractor.

The Department does not include an allowance for delays caused by the effects of inclement weather or suspension of Contractor's operations as defined in 8-6.4, in establishing Contract Time. The Engineer will continually monitor the effects of weather and, when found justified, grant time extensions on either a bimonthly or monthly basis. The Engineer will not require the Contractor to submit a request for additional time due to the effects of weather.

The Department will grant time extensions, on a day for day basis, for delays caused by the effects of rains or other inclement weather conditions, related adverse soil conditions or suspension of operations as defined in 8-6.4 that prevent the Contractor from productively performing controlling items of work resulting in:

1. The Contractor being unable to work at least 50% of the normal work day on pre-determined controlling work items; or
2. The Contractor must make major repairs to work damaged by weather, provided that the damage is not attributable to the Contractor's failure to perform or neglect; and provided that the Contractor was unable to work at least 50% of the normal workday on pre-determined controlling work items.

No additional compensation will be made for delays caused by the effects of inclement weather.

The Department will consider the delays in delivery of materials or component equipment that affect progress on a controlling item of work as a basis for granting a time extension if such delays are beyond the control of the Contractor or supplier. Such delays may include an area-wide shortage, an industry-wide strike, or a natural disaster that affects all feasible sources of supply. In such cases, the Contractor shall furnish substantiating letters from a representative number of manufacturers of such

materials or equipment clearly confirming that the delays in delivery were the result of an area-wide shortage, an industry-wide strike, etc. No additional compensation will be made for delays caused by delivery of materials or component equipment.

The Department will not consider requests for time extension due to delay in the delivery of custom manufactured equipment such as traffic signal equipment, highway lighting equipment, etc., unless the Contractor furnishes documentation that he placed the order for such equipment in a timely manner, the delay was caused by factors beyond the manufacturer's control, and the lack of such equipment caused a delay in progress on a controlling item of work. No additional compensation will be paid for delays caused by delivery of custom manufactured equipment.

The Department will consider the affect of utility relocation and adjustment work on job progress as the basis for granting a time extension only if all the following criteria are met:

1. Delays are the result of either utility work that was not detailed in the Plans, or utility work that was detailed in the Plans but was not accomplished in reasonably close accordance with the schedule included in the Contract Documents.

2. Utility work actually affected progress toward completion of controlling work items.

3. The Contractor took all reasonable measures to minimize the effect of utility work on job progress, including cooperative scheduling of the Contractor's operations with the scheduled utility work at the preconstruction conference and providing adequate advance notification to utility companies as to the dates to coordinate their operations with the Contractor's operations to avoid delays.

As a condition precedent to an extension of Contract Time the Contractor must submit to the Engineer:

A preliminary request for an extension of Contract Time must be made in writing to the Engineer within ten calendar days after the commencement of a delay to a controlling item of work. If the Contractor fails to submit this required preliminary request for an extension of Contract Time, the Contractor fully, completely, absolutely and irrevocably waives any entitlement to an extension of Contract Time for that delay. In the case of a continuing delay only a single preliminary request for an extension of Contract Time will be required. Each such preliminary request for an extension of Contract Time shall include as a minimum the commencement date of the delay, the cause of the delay, and the controlling item of work affected by the delay.

Furthermore, the Contractor must submit to the Engineer a request for a Contract Time extension in writing within 30 days after the elimination of the delay to the controlling item of work identified in the preliminary request for an extension of Contract Time. Each request for a Contract Time extension shall include as a minimum all documentation that the Contractor wishes the Department to consider related to the delay, and the exact number of days requested to be added to Contract Time. If the Contractor contends that the delay is compensable, then the Contractor shall also be required to submit with the request for a Contract Time extension a detailed cost analysis of the requested additional compensation. If the Contractor fails to submit this required request for a Contract Time extension, with or without a detailed cost analysis, depriving the Engineer of the timely opportunity to verify the delay and the costs of the delay, the Contractor waives any entitlement to an extension of Contract Time or additional compensation for the delay.

Upon timely receipt of the preliminary request of Contract Time from the Contractor, the Engineer will investigate the conditions, and if it is determined that a controlling item of work is being delayed for reasons beyond the control of the Contractor the Engineer will take appropriate action to mitigate the delay and the costs of the delay. Upon timely receipt of the request for a Contract Time extension the Engineer will further investigate the conditions, and if it is determined that there was an increase in the time or the cost of performance of the controlling item of work beyond the control of the Contractor, then an adjustment of Contract Time will be made, and a monetary adjustment will be made, excluding loss of anticipated profits, and the Contract will be modified in writing accordingly.

The existence of an accepted schedule, including any required update(s), as stated in 8-3.2, is a condition precedent to the Contractor having any right to the granting of an extension of Contract Time or any monetary compensation arising out of any delay. Contractor failure to have an accepted schedule, including any required update(s), for the period of potential impact, or in the event the currently

accepted schedule and applicable updates do not accurately reflect the actual status of the project or fail to accurately show the true controlling or non-controlling work activities for the period of potential impact, will result in any entitlement determination as to time or money for such period of potential impact being limited solely to the Department’s analysis and identification of the actual controlling or non-controlling work activities. Further, in such instances, the Department’s determination as to entitlement as to either time or compensability will be final, unless the Contractor can prove by clear and convincing evidence to a Disputes Review Board that the Department’s determination was without any reasonable factual basis.

8-10 Liquidated Damages for Failure to Complete the Work.

8-10.2 Amount of Liquidated Damages: Applicable liquidated damages are the amounts established in the following schedule:

Original Contract Amount	Daily Charge Per Calendar Day
\$50,000 and under.....	\$956
Over \$50,000 but less than \$250,000.....	\$964
\$250,000 but less than \$500,000.....	\$1,241
\$500,000 but less than \$2,500,000.....	\$1,665
\$2,500,000 but less than \$5,000,000.....	\$2,712
\$5,000,000 but less than \$10,000,000.....	\$3,447
\$10,000,000 but less than \$15,000,000.....	\$4,866
\$15,000,000 but less than \$20,000,000.....	\$5,818
\$20,000,000 and over.....	\$9,198 plus 0.00005 of any amount over \$20 million (Round to nearest whole dollar)

FROM SECTION 9 (PARTIAL PAYMENTS).

9-5 Partial Payments.

9-5.1 General: The Engineer will make partial payments on monthly estimates based on the amount of work that the Contractor completes during the month (including delivery of certain materials, as specified herein below). The Engineer will make approximate monthly payments, and the Department will correct all partial estimates and payments in the subsequent estimates and in the final estimate and payment.

The Department will base the amount of such payments on the total value of the work that the Contractor has performed to the date of the estimate, based on the quantities completed and the Contract prices, less payments previously made and less any retainage withheld.

Retainage will not be withheld until the percent of Contract Time used exceeds 75%. From that time forward, the Department will withhold retainage of 10% of the amount due on the current estimate as retainage when the percent of Contract Time used exceeds the percent of Contract amount earned by more than 15%.

Contract amount is defined as the original Contract amount adjusted by approved supplemental agreements.

Retainage will be determined for each job on multiple job Contracts. The Department will not accept Securities, Certificates of Deposit or letters of credit as a replacement for retainage. Amounts withheld will not be released until payment of the final estimate.

9-5.2 Unsatisfactory Payment Record: In accordance with Sections 255.05 and 337.16 of the Florida Statutes, and the rules of the Department, the Department may disqualify the Contractor from bidding on future Department contracts if the Contractor’s payment record in connection with contract work becomes unsatisfactory.

9-5.3 Withholding Payment:

9-5.3.1 Withholding Payment for Defective Work: If the Department discovers any defective work or material prior to the final acceptance, or if the Department has a reasonable doubt as to the integrity of any part of the completed work prior to final acceptance, then the Department will not allow

payment for such defective or questioned work until the Contractor has remedied the defect and removed any causes of doubt.

9-5.3.2 Withholding Payment for Failure to Comply: The Department will withhold progress payments from the Contractor if he fails to comply with any or all of the following within 60 days after beginning work:

1. comply with and submit required paperwork relating to prevailing wage rate provisions, Equal Employment Opportunity, On-The-Job Training, and Affirmative Action;

2. comply with the requirement to all necessary information, including actual payments to DBEs, all other subcontractors and major suppliers, through the Internet based Equal Opportunity Reporting System;

3. comply with or make a good faith effort to ensure employment opportunity for minorities and females in accordance with the required contract provisions for Federal Aid Construction Contracts, and

4. comply with or make a good faith effort to meet On-The-Job Training goals.

The Department will withhold progress payments until the Contractor has satisfied the above conditions.

9-5.4 Release of Retainage After Acceptance: When the Contractor has furnished the Department with all submittals required by the Contract, such as invoices, EEO reports, materials certifications, certification of materials procured, etc., (excluding Contractor's letter of acceptance of final amount due and Form 21-A release) and the Engineer has determined that the measurement and computation of pay quantities is correct, the Department may reduce the retainage to \$1,000 plus any amount that the Department elects to deduct for defective work as provided in 9-5.3.

The Department will not allow a semifinal estimate under the provisions of the above paragraphs unless the time elapsing between (1) acceptance of the project and receipt of all test reports, invoices, etc., and (2) submission of the final estimate to the Contractor for acceptance, exceeds or is expected to exceed ten days.

The Department may deduct from payment estimates any sums that the Contractor owes to the Department on any account. Where more than one project or job (separate job number) is included in the Contract, the Department will distribute the reduced retainage as provided in the first paragraph of this Subarticle to each separate project or job in the ratio that the Contract value of the work for the particular job bears to the total Contract amount.

9-5.5 Partial Payments for Delivery of Certain Materials:

9-5.5.1 General: The Department will allow partial payments for new materials that will be permanently incorporated into the project and are stockpiled in approved locations in the project vicinity. Stockpile materials so that they will not be damaged by the elements and in a manner that identifies the project on which they are to be used.

The following conditions apply to all payments for stockpiled materials:

1. There must be reasonable assurance that the stockpiled material will be incorporated into the specific project on which partial payment is made.

2. The stockpiled material must be approved as meeting applicable specifications.

3. The total quantity for which partial payment is made shall not exceed the estimated total quantity required to complete the project.

4. The Contractor shall furnish the Engineer with copies of certified invoices to document the value of the materials received. The amount of the partial payment will be determined from invoices for the material up to the unit price in the Contract.

5. Delivery charges for materials delivered to the jobsite will be included in partial payments if properly documented.

6. Partial payments will not be made for materials which were stockpiled prior to award of the Contract for a project.

9-5.5.2 Partial Payment Amounts: The following partial payment restrictions apply:

1. Partial payments less than \$5,000 for any one month will not be processed.

2. Partial payments for structural steel and precast prestressed items will not exceed 85% of the bid price for the item. Partial payments for all other items will not exceed 75% of the bid price of the item in which the material is to be used.

3. Partial payment will not be made for aggregate and base course material received after paving or base construction operations begin except when a construction sequence designated by the Department requires suspension of paving and base construction after the initial paving operations, partial payments will be reinstated until the paving and base construction resumes.

9-5.5.3 Off Site Storage: If the conditions of 9-5.5.1 are satisfied, partial payments will be allowed for materials stockpiled in approved in-state locations. Additionally, partial payments for materials stockpiled in approved out-of-state locations will be allowed if the conditions of 9-5.5.1 and the following conditions are met:

1. Furnish the Department a Materials Bond stating the supplier guarantees to furnish the material described in the Contract to the Contractor and Department. Under this bond, the Obligor shall be the material supplier and the Obligees shall be the Contractor and the Florida Department of Transportation. The bond shall be in the full dollar amount of the bid price for the materials described in the contract.

2. The following clauses must be added to the construction Contract between the Contractor and the supplier of the stockpiled materials:

“Notwithstanding anything to the contrary, <supplier> will be liable to the Contractor and the Florida Department of Transportation should <supplier> default in the performance of this agreement.”

“Notwithstanding anything to the contrary, this agreement, and the performance bond issued pursuant to this agreement, does not alter, modify, or otherwise change the Contractor’s obligation to furnish the materials described in this agreement to the Florida Department of Transportation.”

3. The agreement between the Contractor and the supplier of the stockpiled materials must include provisions that the supplier will store the materials and that such materials are the property of the Contractor.

9-5.6 Certification of Payment to Subcontractors: The term “subcontractor,” as used herein, includes persons or firms furnishing materials or equipment incorporated into the work or stockpiled for which the Department has made partial payment and firms working under equipment-rental agreements. The Contractor is required to pay all subcontractors for satisfactory performance of their Contracts before the Department will make a further progress (partial) payment. The Contractor shall also return all retainage withheld to the subcontractors within 30 days after the subcontractor’s work is satisfactorily complete, as determined by the Department. Prior to receipt of any progress (partial) payment, the prime contractor shall certify that all subcontractors having an interest in the Contract were paid for satisfactory performance of their Contracts and that the retainage is returned to subcontractors within 30 days after satisfactory completion of the subcontractor’s work. Provide this certification in the form designated by the Department.

Within 30 days of the Contractor’s receipt of the final progress payment or any other payments thereafter, except the final payment, the Contractor shall pay all subcontractors and suppliers having an interest in the Contract for all work completed and materials furnished. The Department will honor an exception to the above when the Contractor demonstrates good cause for not making any required payment and furnishes written notification of any such good cause to both the Department and the affected subcontractors or suppliers within said 30 day period.

The Contractor shall indemnify and provide defense for the Department when called upon to do so for all claims or suits against the Department, by third parties, pertaining to Contractor payment or performance issues arising out of the Contract. It is expressly understood that the monetary limitation on the extent of the indemnification shall be the approved Contract amount, which shall be the original Contract amount as may be increased by subsequent Supplemental Agreements.

EARTHWORK AND RELATED OPERATIONS FOR LAP (OFF-SYSTEM).

(REV 1-23-12) (FA 2-27-12)

SECTION 120 EARTHWORK AND RELATED OPERATIONS FOR LAP (OFF-SYSTEM)

120-1 Description.

120-1.1 General: Perform earthwork and related operations based on the type of work specified in the Contract and the Earthwork Categories as defined below. Meet the applicable requirements for materials, equipment and construction as specified.

Earthwork and related operations consists of excavation for the construction of the roadway, excavation for structures and pipe, constructing backfill around structures and pipe, and constructing embankments as required for the roadway, ditches, and channel changes.

120-1.2 Earthwork Categories: Performance of Earthwork Operations will fall into one of the following Earthwork Categories:

120-1.2.1 Earthwork Category 1: Includes the earthwork and related operations associated with the construction of sidewalks and bike paths along with any drainage structures associated with these facilities.

120-1.2.2 Earthwork Category 2: Includes the earthwork and related operations associated with the construction of turn lanes and other non-mainline traffic lanes, widening, roadway shoulders, concrete box culverts, retaining walls, and other drainage structures on the non-mainline pavement.

120-1.2.3 Earthwork Category 3: Includes the earthwork and related operations associated with the construction of new mainline pavement, along with concrete box culverts, retaining walls, and other drainage structures on the mainline pavement.

120-2 Classes of Excavation.

120-2.1 Excavation of Unsuitable Material: Excavation of unsuitable material consists of the removal of muck, clay, rock or any other material that is unsuitable in its original position and that is excavated below the finished grading template. For stabilized bases and sand bituminous road mixes, the finished grading template is the top of the finished base, shoulders and slopes. For all other bases and rigid pavement, the finished grading template is the finished shoulder and slope lines and bottom of completed base or rigid pavement.

120-2.2 Lateral Ditch Excavation: Lateral ditch excavation consists of all excavation of inlet and outlet ditches to structures and roadway, changes in channels of streams, and ditches parallel to the roadway right-of-way. Dress lateral ditches to the grade and cross-section shown in the plans.

120-2.3 Channel Excavation: Channel excavation consists of the excavation and satisfactory disposal of all materials from the limits of the channel as shown in the plans.

120-2.4 Excavation for Structures and Pipe: Excavation for structures consists of the excavation for bridge foundations, box culverts, pipe culverts, storm sewers and all other pipe lines, retaining walls, headwalls for pipe culverts and drains, catch basins, drop inlets, manholes, and similar structures.

120-3 Excavation Requirements.

120-3.1 Excavation and Replacement of Unsuitable Materials: Where rock, muck, clay, or other material within the limits of the roadway is unsuitable in its original position, excavate such material to the cross-sections shown in the plans or indicated by the Engineer, and backfill with suitable material. Shape backfill materials to the required cross-sections. Where the removal of plastic soils below the finished earthwork grade is required, meet a construction tolerance of plus or minus 0.2 foot in depth and plus or minus 6 inches (each side) in width.

120-3.2 Lateral Ditch Excavation: Excavate inlet and outlet ditches to structures and roadway, changes in channels of streams and ditches parallel to the roadway. Dress lateral ditches to the grade and cross-section shown in the plans.

120-3.3 Channel Excavation: Excavate and dispose of all materials from the limits of the channel as shown in the plans. Excavate for bridge foundations, box culverts, pipe culverts, storm sewers and all other

pipe lines, retaining walls, headwalls for pipe culverts and drains, catch basins, drop inlets, manholes, and similar structures.

120-3.4 Excavation for Structures and Pipe.

120-3.4.1 Requirements for all Excavation: Excavate foundation pits to permit the placing of the full widths and lengths of footings shown in the plans, with full horizontal beds. Do not round or undercut corners or edges of footings. Perform all excavation to foundation materials, satisfactory to the Engineer, regardless of the elevation shown on the plans. Perform all excavation in stream beds to a depth at least 4 feet below the permanent bed of the stream, unless a firm footing can be established on solid rock before such depth is reached, and excavate to such additional depth as may be necessary to eliminate any danger of undermining. Wherever rock bottom is secured, excavate in such manner as to allow the solid rock to be exposed and prepared in horizontal beds for receiving the masonry. Remove all loose and disintegrated rock or thin strata. Have the Engineer inspect and approve all foundation excavations prior to placing masonry.

120-3.4.2 Earth Excavation:

120-3.4.2.1 Foundation Material other than the Rock: When masonry is to rest on an excavated surface other than rock, take special care to avoid disturbing the bottom of the excavation, and do not remove the final foundation material to grade until just before placing the masonry. In case the foundation material is soft or mucky, the Engineer may require excavation to a greater depth and to backfill to grade with approved material.

120-3.4.2.2 Foundation Piles: Where foundation piles are used, complete the excavation of each pit before driving the piles. After the driving is completed, remove all loose and displaced material, leaving a smooth, solid, and level bed to receive the masonry.

120-3.4.2.3 Removal of Obstructions: Remove boulders, logs, or any unforeseen obstacles encountered in excavating.

120-3.4.3 Rock Excavation: Clean all rock and other hard foundation material, remove all loose material, and cut all rock to a firm surface. Either level, step vertically and horizontally, or serrate the rock, as may be directed by the Engineer. Clean out all seams, and fill them with concrete or mortar.

120-3.4.4 Pipe Trench Excavation: Excavate trenches for pipe culverts and storm sewers to the elevation of the bottom of the pipe and to a width sufficient to provide adequate working room. Remove soil not meeting the classification specified as suitable backfill material in 120-8.3.2.2 to a depth of 4 inches below the bottom of the pipe elevation. Remove rock, boulders or other hard lumpy or unyielding material to a depth of 12 inches below the bottom of the pipe elevation. Remove muck or other soft material to a depth necessary to establish a firm foundation. Where the soils permit, ensure that the trench sides are vertical up to at least the mid-point of the pipe.

For pipe lines placed above the natural ground line, place and compact the embankment, prior to excavation of the trench, to an elevation at least 2 feet above the top of the pipe and to a width equal to four pipe diameters, and then excavate the trench to the required grade.

120-4 Disposal of Surplus and Unsuitable Material.

120-4.1 Ownership of Excavated Materials: Dispose of surplus and excavated materials as shown in the plans or, if the plans do not indicate the method of disposal, take ownership of the materials and dispose of them outside the right-of-way.

120-4.2 Disposal of Muck on Side Slopes: As an exception to the provisions of 120-4.1, when approved by the Engineer, muck (A-8 material) may be placed on the slopes, or stored alongside the roadway, provided there is a clear distance of at least 6 feet between the roadway grading limits and the muck, and the muck is dressed to present a neat appearance. In addition, this material may also be disposed of by placing it on the slopes where, in the opinion of the Engineer, this will result in an aesthetically pleasing appearance and will have no detrimental effect on the adjacent developments. Where the Engineer permits the disposal of muck or other unsuitable material inside the right-of-way limits, do not place such material in a manner which will impede the inflow or outfall of any channel or of side ditches. The Engineer will determine the limits adjacent to channels within which such materials may be disposed.

120-4.3 Disposal of Paving Materials: Unless otherwise noted, take ownership of paving materials, such as paving brick, asphalt block, concrete slab, sidewalk, curb and gutter, etc., excavated in the removal

of existing pavements, and dispose of them outside the right-of-way. If the materials are to remain the property of the Agency, place them in neat piles as directed. Existing limerock base that is removed may be incorporated in the stabilized portion of the subgrade. If the construction sequence will allow, incorporate all existing limerock base into the project as allowed by the Contract Documents.

120-4.4 Disposal Areas: Where the Contract Documents require disposal of excavated materials outside the right-of-way, and the disposal area is not indicated in the Contract Documents, furnish the disposal area without additional compensation.

Provide areas for disposal of removed paving materials out of sight of the project and at least 300 feet from the nearest roadway right-of-way line of any road. If the materials are buried, disregard the 300 foot limitation.

120-5 Materials for Embankment.

120-5.1 General Requirements for Embankment Materials: Construct embankments using suitable materials excavated from the roadway or delivered to the jobsite from authorized borrow pits.

Construct the embankment using maximum particle sizes as follows:

In top 12 inches: 3 1/2 inches (in any dimension).

12 to 24 inches: 6 inches (in any dimension).

In the depth below 24 inches: not to exceed 12 inches (in any dimension) or the compacted thickness of the layer being placed, whichever is less.

Spread all material so that the larger particles are separated from each other to minimize voids between them during compaction. Compact around these rocks in accordance with 120-7.2.

When and where approved by the Engineer, larger rocks (not to exceed 18 inches in any dimension) may be placed outside the one to two slope and at least 4 feet or more below the bottom of the base. Compact around these rocks to a firmness equal to that of the supporting soil. Where constructing embankments adjacent to bridge end bents or abutments, do not place rock larger than 3 1/2 inches in diameter within 3 feet of the location of any end-bent piling.

120-5.2 Use of Materials Excavated From the Roadway and Appurtenances: Assume responsibility for determining the suitability of excavated material for use on the project in accordance with the applicable Contract Documents. Consider the sequence of work and maintenance of traffic phasing in the determination of the availability of this material.

120-5.3 Authorization for Use of Borrow: Use borrow only when sufficient quantities of suitable material are not available from roadway and drainage excavation, to properly construct the embankment, subgrade, and shoulders, and to complete the backfilling of structures and pipe. Do not use borrow material until so ordered by the Engineer, and then only use material from approved borrow pits.

120-5.3.1 Haul Routes for Borrow Pits: Provide and maintain, at no expense to the Agency, all necessary roads for hauling the borrow material. Where borrow area haul roads or trails are used by others, do not cause such roads or trails to deteriorate in condition.

Arrange for the use of all non-public haul routes crossing the property of any railroad. Incur any expense for the use of such haul routes. Establish haul routes which will direct construction vehicles away from developed areas when feasible, and keep noise from hauling operations to a minimum. Advise the Engineer in writing of all proposed haul routes.

120-5.3.2 Borrow Material for Shoulder Build-up: When so indicated in the plans, furnish borrow material with a specific minimum bearing value, for building up of existing shoulders. Blend materials as necessary to achieve this specified minimum bearing value prior to placing the materials on the shoulders. Take samples of this borrow material at the pit or blended stockpile.

120-5.4 Materials Used at Pipes, Culverts, etc.: Construct embankments over and around pipes, culverts, and bridge foundations with selected materials.

120-6 Embankment Construction.

120-6.1 General: Construct embankments in sections of not less than 300 feet in length or for the full length of the embankment.

120-6.2 Dry Fill Method:

120-6.2.1 General: Construct embankments to meet compaction requirements in 120-7 and in accordance with the acceptance program requirements in 120-9. Restrict the compacted thickness of the last embankment lift to 6 inches maximum.

As far as practicable, distribute traffic over the work during the construction of embankments so as to cover the maximum area of the surface of each layer.

Construct embankment in the dry whenever normal dewatering equipment and methods can accomplish the needed dewatering.

120-6.2.1.1 For A-3 and A-2-4 Materials with up to 15% fines: Construct the embankment in successive layers with lifts up to a maximum compacted thickness of 12 inches. Ensure the percentage of fines passing the No. 200 US Standard sieve in the A-2-4 material does not exceed 15%.

120-6.2.1.2 For A-1 Plastic materials (As designated in FDOT Design Standard Index 505) and A-2-4 Materials with greater than 15% fines: Construct the embankment in successive layers with lifts up to a maximum compacted thickness of 6 inches.

120-6.2.1.3 Equipment and Methods: Provide normal dewatering equipment including, but not limited to, surface pumps, sump pumps and trenching/digging machinery. Provide normal dewatering methods including, but not limited to, constructing shallow surface drainage trenches/ditches, using sand blankets, sumps and siphons.

When normal dewatering does not adequately remove the water, the Engineer may require the embankment material to be placed in the water or in low swampy ground in accordance with 120-7.2.4.

120-6.2.2 Placing in Unstable Areas: Where depositing the material in water, or in low swampy ground that will not support the weight of hauling equipment, construct the embankment by dumping successive loads in a uniformly distributed layer of a thickness not greater than necessary to support the hauling equipment while placing subsequent layers. Once sufficient material has been placed so that the hauling equipment can be supported, construct the remaining portion of the embankment in layers in accordance with the applicable provisions of 120-7.2.4 and 120-7.2.6.

120-6.2.3 Placing on Steep Slopes: When constructing an embankment on a hillside sloping more than 20 degrees from the horizontal, before starting the fill, deeply plow or cut into steps the surface of the original ground on which the embankment is to be placed.

120-6.2.4 Placing Outside Standard Minimum Slope: Where material that is unsuitable for normal embankment construction is to be used in the embankment outside the standard minimum slope (approximately one to two), place such material in layers of not more than 18 inches in thickness, measured loose. The Contractor may also place material which is suitable for normal embankment, outside such standard minimum slope, in 18 inch layers. Maintain a constant thickness for suitable material placed within and outside the standard minimum slope, unless placing in a separate operation.

120-6.3 Hydraulic Method:

120-6.3.1 Method of Placing: When the hydraulic method is used, as far as practicable, place all dredged material in its final position in the embankment by such method. Place and compact any dredged material that is re-handled, or moved and placed in its final position by any other method, as specified in 120-7.2. The Contractor may use baffles or any form of construction he may select, provided the slopes of the embankments are not steeper than indicated in the plans. Remove all timber used for temporary bulkheads or baffles from the embankment, and fill and thoroughly compact the holes thus formed. When placing fill on submerged land, construct dikes prior to beginning of dredging, and maintain the dikes throughout the dredging operation.

120-6.3.2 Excess Material: Do not use excess material placed outside the prescribed slopes, below the normal high-water level, to raise the fill. Remove only the portion of this material required for dressing the slopes.

120-6.3.3 Protection of Openings in Embankment: Leave openings in the embankments at the bridge sites. Remove any material which invades these openings or existing channels without additional compensation to provide the same depth of channel as existed before the construction of the embankment. Do not excavate or dredge any material within 200 feet of the toe of the proposed embankment.

120-7 Compaction Requirements.

120-7.1 Moisture Content: Compact the materials at a moisture content such that the specified density can be attained. If necessary to attain the specified density, add water to the material, or lower the moisture content by manipulating the material or allowing it to dry, as is appropriate.

120-7.2 Compaction of Embankments:

120-7.2.1 Earthwork Category 1 and 2 Density Requirements: The Engineer will accept a minimum density of 95% of the maximum density as determined by AASHTO T-99 Method C for all earthwork items requiring densities.

120-7.2.2 Earthwork Category 3 Density Requirements: The Engineer will accept a minimum of 100% of the maximum density as determined by AASHTO T-99 Method C for all densities required under category 3.

Except for embankments constructed by the hydraulic method as specified in 120-6.3, and for the material placed outside the standard minimum slope as specified in 120-6.2.4, and for other areas specifically excluded herein, compact each layer of the material used in the formation of embankments to the required density stated above. Uniformly compact each layer using equipment that will achieve the required density, and as compaction operations progress, shape and manipulate each layer as necessary to ensure uniform density throughout the embankment.

120-7.2.3 Compaction Over Unstable Foundations: Where the embankment material is deposited in water or on low swampy ground, and in a layer thicker than 12 inches (as provided in 120-6.2.2), compact the top 6 inches (compacted thickness) of such layer to the density as specified in 120-9.5.

120-7.2.4 Compaction Where Plastic Material Has Been Removed: Where unsuitable material is removed and the remaining surface is of the A-4, A-5, A-6, or A-7 Soil Groups, as determined by the Engineer, compact the surface of the excavated area by rolling with a sheepsfoot roller exerting a compression of at least 250 psi on the tamper feet, for the full width of the roadbed (subgrade and shoulders). Perform rolling before beginning any backfill, and continue until the roller feet do not penetrate the surface more than 1 inch. Do not perform such rolling where the remaining surface is below the normal water table and covered with water. Vary the procedure and equipment required for this operation at the discretion of the Engineer.

120-7.2.5 Compaction of Material To Be Used In Base, Pavement, or Stabilized Areas: Do not compact embankment material which will be incorporated into a pavement, base course, or stabilized subgrade, to be constructed as a part of the same Contract.

120-7.2.6 Compaction of Grassed Shoulder Areas: For the upper 6 inch layer of all shoulders which are to be grassed, since no specific density is required, compact only to the extent directed.

120-7.2.7 Compaction of Grassed Embankment Areas: For the outer layer of all embankments where plant growth will be established, do not compact. Leave this layer in a loose condition to a minimum depth of 6 inches for the subsequent seeding or planting operations.

120-7.3 Compaction of Subgrade: If the plans do not provide for stabilizing, compact the subgrade in both cuts and fills to the density specified in 120-9.5. For undisturbed soils, do not apply density requirements where constructing narrow widening strips or paved shoulders 5 feet or less in width.

Where trenches for widening strips are not of sufficient width to permit the use of standard compaction equipment, perform compaction using vibratory rollers, trench rollers, or other type compaction equipment approved by the Engineer.

Maintain the required density until the base or pavement is placed on the subgrade.

120-8 Backfilling Around Structures and Pipe.

120-8.1 Requirements for all Structures:

120-8.1.1 General: Backfill around structures and pipe in the dry whenever normal dewatering equipment and methods can accomplish the needed dewatering.

120-8.1.2 Equipment and Methods: Provide normal dewatering equipment including, but not limited to, surface pumps, sump pumps, wellpoints and header pipe and trenching/digging machinery. Provide normal dewatering methods including, but not limited to, constructing shallow surface drainage trenches/ditches, using sand blankets, perforated pipe drains, sumps and siphons.

120-8.1.3 Backfill Materials: Backfill to the original ground surface or subgrade surface of openings made for structures, with a sufficient allowance for settlement. The Engineer may require that the material used for this backfill be obtained from a source entirely apart from the structure.

Do not allow heavy construction equipment to cross over culvert or storm sewer pipes until placing and compacting backfill material to the finished earthwork grade or to an elevation at least 4 feet above the crown of the pipe.

120-8.1.4 Use of A-7 Material: In the backfilling of trenches, A-7 material may be used from a point 12 inches above the top of the pipe up to the elevation shown on the FDOT Design Standards as the elevation for undercutting of A-7 material.

120-8.1.5 Time of Placing Backfill: Do not place backfill against any masonry or concrete abutment, wingwall, or culvert until the Engineer has given permission to do so, and in no case until the masonry or concrete has been in place seven days or until the specified 28-day compressive strength occurs.

120-8.1.6 Placement and Compaction: When the backfill material is deposited in water, compact per 120-8.2.5 and 120-8.3.4. Place the material in horizontal layers not exceeding 6 inches compacted thickness, in depth above water level, behind abutments, wingwalls and end bents or end rest piers, and around box culverts and all structures including pipe culverts. The Engineer may approve placing material in thicker lifts of no more than 12 inches compacted thickness above the soil envelope if a test section demonstrates the required density can be achieved. Approval will be based on five passing density tests over the test section consisting of a lift of backfill from structure to structure. The Engineer will identify the test section with the compaction effort and soil classification in the Agency Logbook. In case of a change in compaction effort or soil classification, construct a new test section. The Engineer reserves the right to terminate the Contractor's use of thick lift construction and have him revert to the 6 inch compacted lifts whenever it is determined that satisfactory results are not being obtained.

120-8.2 Additional Requirements for Structures Other than Pipe:

120-8.2.1 Density: Where the backfill material is deposited in water, obtain a 12 inch layer of comparatively dry material, thoroughly compacted by tamping, before the Engineer verifies layer and density requirements. Meet the requirements of the density Acceptance Criteria.

120-8.2.2 Box Culverts: For box culverts over which pavement is to be constructed, compact around the structure to an elevation not less than 12 inches above the top of the structure, using rapid-striking mechanical tampers.

120-8.2.3 Other Limited Areas: Compact in other limited areas using mechanical tampers or approved hand tampers, until the cover over the structure is at least 12 inches thick. When hand tampers are used, deposit the materials in layers not more than 4 inches thick using hand tampers suitable for this purpose with a face area of not more than 100 in². Take special precautions to prevent any wedging action against the masonry, and step or terrace the slope bounding the excavation for abutments and wingwalls if required by the Engineer.

120-8.2.4 Culverts and Piers: Backfill around culverts and piers on both sides simultaneously to approximately the same elevation.

120-8.2.5 Compaction Under Wet Conditions: Where wet conditions do not permit the use of mechanical tampers, compact using hand tampers. Use only A-3 material for the hand tamped portions of the backfill. When the backfill has reached an elevation and condition such as to make the use of the mechanical tampers practical, perform mechanical tamping in such manner and to such extent as to transfer the compaction force into the sections previously tamped by hand.

120-8.3 Additional Requirements for Pipe 15 Inches Inside Diameter or Greater:

120-8.3.1 General: Trenches for pipe may have up to four zones that must be backfilled.

Lowest Zone: The lowest zone is backfilled for deep undercuts up to within 4 inches of the bottom of the pipe.

Bedding Zone: The zone above the Lowest Zone is the Bedding Zone. Usually it will be the backfill which is the 4 inches of soil below the bottom of the pipe. When rock or other hard material has been removed to place the pipe, the Bedding Zone will be the 12 inches of soil below the bottom of the pipe.

Cover Zone: The next zone is backfill that is placed after the pipe has been laid and will be called the Cover Zone. This zone extends to 12 inches above the top of the pipe. The Cover Zone and the Bedding Zone are considered the Soil Envelope for the pipe.

Top Zone: The Top Zone extends from 12 inches above the top of the pipe to the base or final grade.

120-8.3.2 Material:

120-8.3.2.1 Lowest Zone: Backfill areas undercut below the Bedding Zone of a pipe with coarse sand, or other suitable granular material, obtained from the grading operations on the project, or a commercial material if no suitable material is available.

120-8.3.2.2 Soil Envelope: In both the Bedding Zone and the Cover Zone of the pipe, backfill with materials classified as A-1, A-2, or A-3. Material classified as A-4 may be used if the pipe is concrete pipe.

120-8.3.2.3 Top Zone: Backfill the area of the trench above the soil envelope of the pipe with materials allowed on Design Standard, Index No. 505.

120-8.3.3 Compaction:

120-8.3.3.1 Lowest Zone: Compact the soil in the Lowest Zone to approximately match the density of the soil in which the trench was cut.

120-8.3.3.2 Bedding Zone: If the trench was not undercut below the bottom of the pipe, loosen the soil in the bottom of the trench immediately below the approximate middle third of the outside diameter of the pipe.

If the trench was undercut, place the bedding material and leave it in a loose condition below the middle third of the outside diameter of the pipe. Compact the outer portions to meet the density requirements of the Acceptance Criteria. Place the material in lifts no greater than 6 inches (compacted thickness).

120-8.3.3.3 Cover Zone: Place the material in 6 inches layers (compacted thickness), evenly deposited on both sides of the pipe, and compact with mechanical tampers suitable for this purpose. Hand tamp material below the pipe haunch that cannot be reached by mechanical tampers. Meet the requirements of the density Acceptance Criteria.

120-8.3.3.4 Top Zone: Place the material in layers not to exceed 12 inches in compacted thickness. Meet the requirements of the density Acceptance Criteria.

120-8.3.4 Backfill Under Wet Conditions: Where wet conditions are such that dewatering by normal pumping methods would not be effective, the procedure outlined below may be used when specifically authorized by the Engineer in writing.

Granular material may be used below the elevation at which mechanical tampers would be effective, but only material classified as A-3. Place and compact the material using timbers or hand tampers until the backfill reaches an elevation such that its moisture content will permit the use of mechanical tampers. When the backfill has reached such elevation, use normally acceptable backfill material. Compact the material using mechanical tampers in such manner and to such extent as to transfer the compacting force into the material previously tamped by hand.

120-9 Acceptance Program.

120-9.1 Density over 105%: When a computed dry density results in a value greater than 105% of the applicable Proctor maximum dry density, the Engineer will perform a second density test within 5 feet. If the second density results in a value greater than 105%, investigate the compaction methods, examine the applicable Maximum Density and material description. If necessary, the Engineer will test an additional sample for acceptance in accordance with AASHTO T 99, Method C.

120-9.2 Maximum Density Determination: The Engineer will determine the maximum density and optimum moisture content by sampling and testing the material in accordance with the specified test method listed in 120-9.3.

120-9.3 Density Testing Requirements: Compliance with the requirements of 120-9.5 will be determined in accordance FM 1-T 238. The in-place moisture content will be determined for each density in accordance with FM 5-507 (Determination of Moisture Content by Means of a Calcium Carbide Gas

Pressure Moisture Tester), or ASTM D 4643 (Laboratory Determination of Moisture Content of Granular Soils By Use of a Microwave Oven).

120-9.4 Soil Classification: The Engineer will perform soil classification tests in accordance with AASHTO T-88, and classify soils in accordance with AASHTO M-145 (Standard Specification for Classification of Soils and Soil-Aggregate Mixtures for Highway Construction Purposes) in order to determine compliance with embankment utilization requirements.

120-9.5 Acceptance Criteria: The Engineer will accept a minimum density in accordance with 120-7.2 with the following exceptions:

- 1) embankment constructed by the hydraulic method as specified in 120-6.3;
- 2) material placed outside the standard minimum slope as specified in 120-6.2.4;
- 3) other areas specifically excluded herein.

120-9.6 Frequency: The Engineer will conduct sampling and testing at a minimum frequency listed in the table below.

Test Name	Frequency
Maximum Density	One per soil type
Density	1 per 500' RDWY (Alt Lift)
Soil Classification	One per Maximum Density

120-10 Maintenance and Protection of Work.

While construction is in progress, maintain adequate drainage for the roadbed at all times. Maintain a shoulder at least 3 feet wide adjacent to all pavement or base construction in order to provide support for the edges.

Maintain and protect all earthwork construction throughout the life of the Contract, and take all reasonable precautions to prevent loss of material from the roadway due to the action of wind or water. Repair any slides, washouts, settlement, subsidence, or other mishap which may occur prior to final acceptance of the work. Maintain all channels excavated as a part of the Contract work against natural shoaling or other encroachments to the lines, grades, and cross-sections shown in the plans, until final acceptance of the project.

120-11 Construction.

120-11.1 Construction Tolerances: Shape the surface of the earthwork to conform to the lines, grades, and cross-sections shown in the plans. In final shaping of the surface of earthwork, maintain a tolerance of 0.3 foot above or below the plan cross-section with the following exceptions:

1. Shape the surface of shoulders to within 0.1 foot of the plan cross-section.
2. Shape the earthwork to match adjacent pavement, curb, sidewalk, structures, etc.
3. Shape the bottom of ditches so that the ditch impounds no water.
4. When the work does not include construction of base or pavement, shape the entire

roadbed (shoulder point to shoulder point) to within 0.1 foot above or below the plan cross-section.

Ensure that the shoulder lines do not vary horizontally more than 0.3 foot from the true lines shown in the plans.

120-11.2 Operations Adjacent to Pavement: Carefully dress areas adjacent to pavement areas to avoid damage to such pavement. Complete grassing of shoulder areas prior to placing the final wearing course. Do not manipulate any embankment material on a pavement surface.

When shoulder dressing is underway adjacent to a pavement lane being used to maintain traffic, exercise extreme care to avoid interference with the safe movement of traffic.

120-12 Method of Measurement.

120-12.1 Excavation: Excavation will be paid for by volume, in cubic yards, calculated by the method of average end areas, unless the Engineer determines that another method of calculation will provide a more accurate result. The material will be measured in its original position by field survey or by photogrammetric means as designated by the Engineer. Measurement for payment will include the excavation of unsuitable material, lateral ditch excavation, channel excavation, and excavation for structures

and pipe. Payment will not be made for excavation or embankment beyond the limits shown in the plans or authorized by the Engineer.

120-12.2 Embankment: Measurement will be made on a loose volume basis, as measured in trucks or other hauling equipment at the point of dumping on the road. Payment will not be made for embankment beyond the limits shown in the plans or authorized by the Engineer.

120-13 Basis of Payment.

120-13.1 General: Prices and payments for the work items included in this Section will be full compensation for all work described herein, including excavating, dredging, hauling, placing, and compacting; dressing the surface of the earthwork; and maintaining and protecting the complete earthwork.

120-13.2 Excavation: The total quantity of all excavation specified under this Section will be paid for at the Contract unit price for Excavation. No payment will be made for the excavation of any materials which are used for purposes other than those shown in the plans or designated by the Engineer. No payment will be made for materials excavated outside the lines and grades given by the Engineer, unless specifically authorized by the Engineer.

120-13.3 Embankment: The total quantity of embankment specified in this Section will be paid for at the Contract unit price for embankment. No payment will be made for materials which are used for purposes other than those shown in the plans or designated by the Engineer. No payment will be made for materials placed outside the lines and grades given by the Engineer.

SUPERPAVE ASPHALT FOR LAP (OFF-SYSTEM).

(REV 1-26-15) (FA 1-29-15)

SECTION 334 SUPERPAVE ASPHALT FOR LAP (OFF-SYSTEM)

334-1 Description.

334-1.1 General: Construct a Superpave asphalt pavement (consisting of either Hot Mix Asphalt (HMA) or Warm Mix Asphalt (WMA)) based on the type of work specified in the Contract and the Asphalt Work Categories as defined below. Meet the applicable requirements for plants, equipment, and construction requirements as defined below. Use an asphalt mix, either HMA or WMA, which meets the requirements of this specification.

334-1.2 Asphalt Work Mix Categories: Construction of asphalt pavement will fall into one of the following work categories:

334-1.2.1 Asphalt Work Category 1: Includes the construction of shared use paths and miscellaneous asphalt.

334-1.2.2 Asphalt Work Category 2: Includes the construction of new asphalt turn lanes, paved shoulders and other non-mainline pavement locations.

334-1.2.3 Asphalt Work Category 3: Includes the construction of new mainline asphalt pavement lanes, milling and resurfacing.

334-1.3 Mix Types: Use the appropriate asphalt mix as shown in Table 334-1.

Table 334-1 Asphalt Mix Types			
Asphalt Work Category	Mix Types	Traffic Level	ESALs (millions)
1	Type SP-9.5	A	<0.3
2	Structural Mixes: Types SP-9.5 or SP-12.5 Friction Mixes: Types FC-9.5 or FC-12.5	B	0.3 to <3
3	Structural Mixes: Types SP-9.5 or SP-12.5 Friction Mixes: Types FC-9.5 or FC-12.5	C	≥3

A Type SP or FC mix one traffic level higher than the traffic level specified in the Contract may be substituted, at no additional cost (i.e. Traffic Level B may be substituted for Traffic Level A, etc.). Traffic levels are as defined in Section 334 of the Florida Department of Transportation's (FDOT's) Specifications.

334-1.4 Gradation Classification: The Superpave mixes are classified as fine and are defined in 334-3.2.2. The equivalent AASHTO nominal maximum aggregate size Superpave mixes are as follows:

Type SP-9.5, FC-9.5 9.5 mm
Type SP-12.5, FC-12.5 12.5 mm

334-1.5 Thickness: The total pavement thickness of the asphalt pavement will be based on a specified spread rate or plan thickness as shown in the Contract Documents. Before paving, propose a spread rate or thickness for each individual layer meeting the requirements of this specification, which when combined with other layers (as applicable) will equal the plan spread rate or thickness. When the total pavement thickness is specified as plan thickness, the plan thickness and individual layer thickness will be converted to spread rate using the following equation:

$$\text{Spread rate (lbs/yd}^2\text{)} = t \times G_{mm} \times 43.3$$

where: t = Thickness (in.) (Plan thickness or individual layer thickness)
 G_{mm} = Maximum specific gravity from the mix design

For target purposes only, spread rate calculations shall be rounded to the nearest whole number.

334-1.5.1 Layer Thicknesses: Unless otherwise called for in the Contract Documents, the allowable layer thicknesses for asphalt mixtures are as follows:

Type SP-9.5, FC-9.5 3/4 to 1-1/2 inches
Type SP-12.5, FC-12.5 1-1/2 to 2-1/2 inches

334-1.5.2 Additional Requirements: The following requirements also apply to asphalt mixtures:

1. When construction includes the paving of adjacent shoulders (less than or equal to 5 feet wide), the layer thickness for the upper pavement layer and shoulder shall be the same and paved in a single pass, unless otherwise called for in the Contract Documents.

2. For overbuild layers, use the minimum and maximum layer thicknesses as specified above unless called for differently in the Contract Documents. On variable thickness overbuild layers, the minimum allowable thickness may be reduced by 1/2 inch, and the maximum allowable thickness will be as specified below, unless called for differently in the Contract Documents.

Type SP-9.5 3/8 to 2 inches
Type SP-12.5 1/2 to 3 inches

3. Variable thickness overbuild layers may be tapered to zero thickness provided the contract documents require a minimum of 1-1/2 inches of mix placed over the variable thickness overbuild layer.

334-1.6 Weight of Mixture: The weight of the mixture shall be determined as provided in 320-3.2 of the FDOT Specifications.

334-2 Materials.

334-2.1 Superpave Asphalt Binder: Unless specified elsewhere in the Contract or in 334-2.3.3, use a PG 67-22 asphalt binder from the FDOT’s Approved Products List (APL). If the Contract calls for an alternative asphalt binder, meet the requirements of FDOT Specifications Section 336 or 916, as appropriate.

334-2.2 Aggregate: Use aggregate capable of producing a quality pavement.

For Type FC mixes, use an aggregate blend that consists of crushed granite, crushed Oolitic limestone, other crushed materials (as approved by FDOT for friction courses per Rule 14-103.005, Florida Administrative Code), or a combination of the above. Crushed limestone from the Oolitic formation may be used if it contains a minimum of 12% silica material as determined by FDOT Test Method FM 5-510 and FDOT grants approval of the source prior to its use. As an exception, mixes that contain a minimum of 60% crushed granite may either contain:

1. Up to 40% fine aggregate from other sources; or,
2. A combination of up to 20% RAP and the remaining fine aggregate from other

sources.

A list of aggregates approved for use in friction courses may be available on the FDOT’s State Materials Office website. The URL for obtaining this information, if available, is:

<ftp://ftp.dot.state.fl.us/fdot/smo/website/sources/frictioncourse.pdf>.

334-2.3 Reclaimed Asphalt Pavement (RAP) Material:

334-2.3.1 General requirements: RAP may be used as a component of the asphalt mixture, provided the RAP meets the following requirements:

1. When using a PG 76-22 (PMA), or PG 76-22 (ARB) asphalt binder, limit the amount of RAP material used in the mix to a maximum of 20% by weight of total aggregate. As an exception, amounts greater than 20% RAP by weight of total aggregate can be used if no more than 20% by weight of total asphalt binder comes from the RAP material.
2. Provide stockpiled RAP material that is reasonably consistent in characteristics and contains no aggregate particles which are soft or conglomerates of fines.
3. Provide RAP material having a minimum average asphalt binder content of 4.0% by weight of RAP. As an exception, when using fractionated RAP, the minimum average asphalt binder content for the coarse portion of the RAP shall be 2.5% by weight of the coarse portion of the RAP. The coarse portion of the RAP shall be the portion of the RAP retained on the No. 4 sieve. The Engineer may sample the stockpile to verify that this requirement is met.
4. Use a grizzly or grid over the RAP cold bin, in-line roller crusher, screen, or other suitable means to prevent oversized RAP material from showing up in the completed recycle mixture. If oversized RAP material appears in the completed recycle mix, take the appropriate corrective action immediately. If the appropriate corrective actions are not immediately taken, stop plant operations.

334-2.3.2 Material Characterization: Assume responsibility for establishing the asphalt binder content, gradation, and bulk specific gravity (G_{sb}) of the RAP material based on a representative sampling of the material.

334-2.3.3 Asphalt Binder for Mixes with RAP: Select the appropriate asphalt binder grade based on Table 334-2. The Engineer reserves the right to change the asphalt binder type and grade during production based on characteristics of the RAP asphalt binder.

Table 334-2 Asphalt Binder Grade for Mixes Containing RAP	
Percent RAP	Asphalt Binder Grade
0 - 15	PG 67-22
16 – 30	PG 58-22
> 30	PG 52-28

334-3 Composition of Mixture.

334-3.1 General: Compose the asphalt mixture using a combination of aggregates, mineral filler, if required, and asphalt binder material. Size, grade and combine the aggregate fractions to meet the grading and physical properties of the mix design. Aggregates from various sources may be combined.

334-3.2 Mix Design:

334-3.2.1 General: Design the asphalt mixture in accordance with AASHTO R 35-12, except as noted herein. Submit the proposed mix design with supporting test data indicating compliance with all mix design criteria to the Engineer. Prior to the production of any asphalt mixture, obtain the Engineer's conditional approval of the mix design. If required by the Engineer, send representative samples of all component materials, including asphalt binder to a laboratory designated by the Engineer for verification. As an exception to these requirements, use a currently approved FDOT Mix Design.

Warm mix technologies (additives, foaming techniques, etc.) listed on the Department's website may be used in the production of the mix. The URL for obtaining this information, is: <http://www.dot.state.fl.us/statematerialsoffice/quality/programs/warmmixasphalt/index.shtm>.

The Engineer will consider any marked variations from original test data for a mix design or any evidence of inadequate field performance of a mix design as sufficient evidence that the properties of the mix design have changed, and at his discretion, the Engineer may no longer allow the use of the mix design.

334-3.2.2 Mixture Gradation Requirements: Combine the aggregates in proportions that will produce an asphalt mixture meeting all of the requirements defined in this specification and conform to the gradation requirements at design as defined in AASHTO M 323-12, Table 3. Aggregates from various sources may be combined.

334-3.2.2.1 Mixture Gradation Classification: Plot the combined mixture gradation on an FHWA 0.45 Power Gradation Chart. Include the Control Points from AASHTO M323-12, Table-3, as well as the Primary Control Sieve (PCS) Control Point from AASHTO M323-12, Table 4. Fine mixes are defined as having a gradation that passes above or through the primary control sieve control point.

334-3.2.3 Gyratory Compaction: Compact the design mixture in accordance with AASHTO T312-12, with the following exceptions: use the number of gyrations at N_{design} as designed in Table 334-3.

Traffic Level	N_{design} Number of Gyrations
A	50
B	65
C	75

334-3.2.4 Design Criteria: Meet the requirements for nominal maximum aggregate size as defined in AASHTO M323-12, as well as for relative density, VMA, VFA, and dust-to-binder ratio as specified in AASHTO M323-12, Table 6. N_{initial} and N_{maximum} requirements are not applicable.

334-3.2.5 Moisture Susceptibility: Test 4 inch specimens in accordance with FDOT Test Method FM 1-T 283. Provide a mixture having a retained tensile strength ratio of at least 0.80 and a minimum tensile strength (unconditioned) of 100 pounds per square inch. If necessary, add a liquid anti-stripping agent from the FDOT's APL or hydrated lime in order to meet these criteria.

In lieu of moisture susceptibility testing, add a liquid anti-stripping agent from the FDOT's APL. Add 0.5% liquid anti-stripping agent by weight of asphalt binder.

334-3.2.6 Additional Information: In addition to the requirements listed above, provide the following information on each mix design:

1. The design traffic level and the design number of gyrations (N_{design}).
2. The source and description of the materials to be used.
3. The FDOT source number and the FDOT product code of the aggregate

components furnished from an FDOT approved source (if required).

4. The gradation and proportions of the raw materials as intended to be combined in the paving mixture. The gradation of the component materials shall be representative of the material at the time of use. Compensate for any change in aggregate gradation caused by handling and processing as necessary.

5. A single percentage of the combined mineral aggregate passing each specified sieve. Degradation of the aggregate due to processing (particularly material passing the No. 200 sieve) should be accounted for and identified.

6. The bulk specific gravity (G_{sb}) value for each individual aggregate and RAP component.

7. A single percentage of asphalt binder by weight of total mix intended to be incorporated in the completed mixture, shown to the nearest 0.1%.

8. A target temperature for the mixture at the plant (mixing temperature) and a target temperature for the mixture at the roadway (compaction temperature). Do not exceed a target temperature of 330°F for PG 76-22 (PMA) and PG 76-22 (ARB) asphalt binders, and 315°F for unmodified asphalt binders.

9. Provide the physical properties achieved at four different asphalt binder contents. One shall be at the optimum asphalt content, and must conform to all specified physical requirements.

10. The name of the mix designer.

11. The ignition oven calibration factor.

12. The warm mix technology, if used.

334-4 Process Control.

Assume full responsibility for controlling all operations and processes such that the requirements of these Specifications are met at all times. Perform any tests necessary at the plant and roadway to control the process.

334-5 General Construction Requirements.

334-5.1 Weather Limitations: Do not transport asphalt mix from the plant to the roadway unless all weather conditions are suitable for the paving operations.

334-5.2 Limitations of Paving Operations:

334-5.2.1 General: Spread the mixture only when the surface upon which it is to be placed has been previously prepared, is intact, firm, dry, clean, and the tack, with acceptable spread rate, is properly broken. Ensure all granular base materials are properly primed and all asphalt base materials are properly tacked, prior to paving.

<p>334-5.2.2 Air Temperature: Place the mixture only when the air temperature in the shade and away from the artificial heat meets the requirements of Table 334-4. The minimum ambient temperature requirement may be reduced by 5°F when using a warm mix technology, if mutually agreed to by both the Engineer and the Contractor. Table 334-4 Ambient Air Temperature Requirements for Paving</p>	
Layer Thickness or Asphalt Binder Type	Minimum Temperature (°F)
≤1 inch	50
Any mixture > 1 inch containing a PG asphalt binder with a high temperature designation ≥ 76°C	45
Any mixture > 1 inch containing a PG asphalt binder with a high temperature designation < 76°C	40

334-5.3 Mix Temperature: Heat and combine the ingredients of the mix in such a manner as to produce a mixture with a temperature at the plant and at the roadway, within a range of plus or minus 30°F from the target temperature as shown on the mix design. Reject all loads outside of this range. For warm mix asphalt, the Contractor may produce the first five loads of the production day and at other times when approved by the Engineer, at a hot mix asphalt temperature not to exceed 330°F for purposes of heating the asphalt paver. For these situations, the upper tolerance of +30°F does not apply.

334-5.4 Transportation of the Mixture: Transport the mix in trucks of tight construction, which prevents the loss of material and the excessive loss of heat and previously cleaned of all foreign material.

After cleaning, thinly coat the inside surface of the truck bodies with soapy water or an asphalt release agent as needed to prevent the mixture from adhering to the beds. Do not allow excess liquid to pond in the truck body. Do not use a release agent that will contaminate, degrade, or alter the characteristics of the asphalt mix or is hazardous or detrimental to the environment. Petroleum derivatives (such as diesel fuel), solvents, and any product that dissolves asphalt are prohibited. Provide each truck with a tarpaulin or other waterproof cover mounted in such a manner that it can cover the entire load when required. When in place, overlap the waterproof cover on all sides so it can be tied down. Cover each load during cool and cloudy weather and at any time it appears rain is likely during transit with a tarpaulin or waterproof cover. Cover and tie down all loads of friction course mixtures.

334-5.5 Preparation of Surfaces Prior to Paving:

334-5.5.1 Cleaning: Clean the surface of all loose and deleterious material by the use of power brooms or blowers, supplemented by hand brooming where necessary.

334-5.5.2 Patching and Leveling Courses: As shown in the plans, bring the existing surface to proper grade and cross-section by the application of patching or leveling courses.

334-5.5.3 Application over Surface Treatment: Where an asphalt mix is to be placed over a surface treatment, sweep and dispose of all loose material from the paving area.

334-5.5.4 Tack Coat: Use a rate of application as defined in Table 334-5. Control the rate of application to be within plus or minus 0.01 gallon per square yard of the target application rate. The target application rate may be adjusted by the Engineer to meet specific field conditions. Determine the rate of application as needed to control the operation. When using PG 52-28, multiply the target rate of application by 0.6.

Table 334-5 Tack Coat Application Rates		
Asphalt Mixture Type	Underlying Pavement Surface	Target Tack Rate (gal/yd ²)
Base Course, Structural Course, Dense Graded Friction Course	Newly Constructed Asphalt Layers	0.03 minimum
	Milled Surface or Oxidized and Cracked Pavement	0.06
	Concrete Pavement	0.08

334-5.6 Placing Mixture:

334-5.6.1 Alignment of Edges: With the exception of pavements placed adjacent to curb and gutter or other true edges, place all pavements by the stringline method to obtain an accurate, uniform alignment of the pavement edge. Control the unsupported pavement edge to ensure that it will not deviate more than plus or minus 1.5 inches from the stringline.

334-5.6.2 Rain and Surface Conditions: Immediately cease transportation of asphalt mixtures from the plant when rain begins at the roadway. Do not place asphalt mixtures while rain is falling, or when there is water on the surface to be covered. Once the rain has stopped and water has been removed from the tacked surface to the satisfaction of the Engineer and the temperature of the mixture caught in transit still meets the requirements as specified in 334-5.3, the Contractor may then place the mixture caught in transit.

334-5.6.3 Checking Depth of Layer: Check the depth of each layer at frequent intervals to ensure a uniform spread rate that will meet the requirements of the Contract.

334-5.6.4 Hand Work: In limited areas where the use of the spreader is impossible or impracticable, spread and finish the mixture by hand.

334-5.6.5 Spreading and Finishing: Upon arrival, dump the mixture in the approved paver, and immediately spread and strike-off the mixture to the full width required, and to such loose depth for each course that, when the work is completed, the required weight of mixture per square yard, or the specified thickness, is secured. Carry a uniform amount of mixture ahead of the screed at all times.

334-5.6.6 Thickness Control: Ensure the spread rate is within 10% of the target spread rate, as indicated in the Contract. When calculating the spread rate, use, at a minimum, an average of five truckloads of mix. When the average spread rate is beyond plus or minus 10% of the target spread rate, monitor the thickness of the pavement layer closely and adjust the construction operations.

If the Contractor fails to maintain an average spread rate within plus or minus 10% of the target spread rate for two consecutive days, the Engineer may elect to stop the construction operation at any time until the issue is resolved.

When the average spread rate for the total structural or friction course pavement thickness exceeds the target spread rate by plus or minus 50 pounds per square yard for layers greater than or equal to 2.5 inches or exceeds the target spread rate by plus or minus 25 pounds per square yard for layers less than 2.5 inches, address the unacceptable pavement in accordance with 334-5.10.4, unless an alternative approach is agreed upon by the Engineer.

334-5.7 Leveling Courses:

334-5.7.1 Patching Depressions: Before spreading any leveling course, fill all depressions in the existing surface as shown in the plans.

334-5.7.2 Spreading Leveling Courses: Place all courses of leveling with an asphalt paver or by the use of two motor graders, one being equipped with a spreader box. Other types of leveling devices may be used upon approval by the Engineer.

334-5.7.3 Rate of Application: When using Type SP-9.5 for leveling, do not allow the average spread of a layer to be less than 50 pounds per square yard or more than 75 pounds per square yard. The quantity of mix for leveling shown in the plans represents the average for the entire project; however, the Contractor may vary the rate of application throughout the project as directed by the Engineer. When leveling in connection with base widening, the Engineer may require placing all the leveling mix prior to the widening operation.

334-5.8 Compaction: For each paving or leveling train in operation, furnish a separate set of rollers, with their operators.

When density testing for acceptance is required, select equipment, sequence, and coverage of rolling to meet the specified density requirement. Regardless of the rolling procedure used, complete the final rolling before the surface temperature of the pavement drops to the extent that effective compaction may not be achieved or the rollers begin to damage the pavement.

When density testing for acceptance is not required, use a rolling pattern approved by the Engineer.

Use hand tamps or other satisfactory means to compact areas which are inaccessible to a roller, such as areas adjacent to curbs, headers, gutters, bridges, manholes, etc.

334-5.9 Joints.

334-5.9.1 Transverse Joints: Construct smooth transverse joints, which are within 3/16 inch of a true longitudinal profile when measured with a 15 foot manual straightedge meeting the requirements of FDOT Test Method FM 5-509. These requirements are waived for transverse joints at the beginning and end of the project and at the beginning and end of bridge structures, if the deficiencies are caused by factors beyond the control of the Contractor such as no milling requirement, as determined by the Engineer. When smoothness requirements are waived, construct a reasonably smooth transitional joint.

334-5.9.2 Longitudinal Joints: For all layers of pavement except the leveling course, place each layer so that longitudinal construction joints are offset 6 to 12 inches laterally between successive layers. Do not construct longitudinal joints in the wheel paths. The Engineer may waive these requirements where offsetting is not feasible due to the sequence of construction.

334-5.10 Surface Requirements: Construct a smooth pavement with good surface texture and the proper cross slope.

334-5.10.1 Texture of the Finished Surface of Paving Layers: Produce a finished surface of uniform texture and compaction with no pulled, torn, raveled, crushed or loosened portions and free of segregation, bleeding, flushing, sand streaks, sand spots, or ripples. Correct any area of the surface that does not meet the foregoing requirements in accordance with 334-5.10.4.

In areas not defined to be a density testing exception per 334-6.4.1, obtain for the Engineer, three 6 inch diameter roadway cores at locations visually identified by the Engineer to be segregated. The

Engineer will determine the density of each core in accordance with FDOT Test Method FM 1-T 166 and calculate the percent G_{mm} of the segregated area using the average G_{mb} of the roadway cores and the representative PC G_{mm} for the questionable material. If the average percent G_{mm} is less than 90.0, address the segregated area in accordance with 334-5.10.4.

334-5.10.2 Cross Slope: Construct a pavement surface with cross slopes in compliance with the requirements of the Contract Documents.

334-5.10.3 Pavement Smoothness: Construct a smooth pavement meeting the requirements of this Specification. Furnish a 15 foot manual and a 15 foot rolling straightedge meeting the requirements of FDOT Test Method FM 5-509.

334-5.10.3.1 Straightedge Testing:

334-5.10.3.1.1 Acceptance Testing: Perform straightedge testing in the outside wheel path of each lane for the final (top) layer of the pavement. Test all pavement lanes where the width is constant using a rolling straightedge and document all deficiencies on a form approved by the Engineer. Notify the Engineer of the location and time of all straightedge testing a minimum of 48 hours before beginning testing.

334-5.10.3.1.2 Final (Top) Pavement Layer: At the completion of all paving operations, straightedge the final (top) layer either behind the final roller of the paving train or as a separate operation. Address all deficiencies in excess of 3/16 inch in accordance with 334-5.10.4, unless waived by the Engineer. Retest all corrected areas.

334-5.10.3.1.3 Straightedge Exceptions: Straightedge testing will not be required in the following areas: shoulders, intersections, tapers, crossovers, sidewalks, shared use paths, parking lots and similar areas, or in the following areas when they are less than 250 feet in length: turn lanes, acceleration/deceleration lanes and side streets. The limits of the intersection will be from stop bar to stop bar for both the mainline and side streets. In the event the Engineer identifies a surface irregularity in the above areas that is determined to be objectionable, straightedge and address all deficiencies in excess of 3/8 inch in accordance with 334-5.10.4.

334-5.10.4 Correcting Unacceptable Pavement: Correct deficiencies in the pavement layer by removing and replacing the full depth of the layer, extending a minimum of 50 feet on both sides (where possible) of the defective area for the full width of the paving lane, at no additional cost.

334-6 Acceptance of the Mixture.

334-6.1 General: The asphalt mixture will be accepted based on the Asphalt Work Category as defined below:

1. Asphalt Work Category 1 – Certification by the Contractor as defined in 334-6.2.
2. Asphalt Work Category 2 – Certification and process control testing by the Contractor as defined in 334-6.3.
3. Asphalt Work Category 3 – Process control testing by the Contractor and acceptance testing by the Engineer as defined in 334-6.4.

334-6.2 Certification by the Contractor: On Asphalt Work Category 1 construction, the Engineer will accept the mix on the basis of visual inspection. Submit a Notarized Certification of Specification Compliance letter on company letterhead to the Engineer stating that all material produced and placed on the project meets the requirements of the Specifications. The Engineer may run independent tests to determine the acceptability of the material.

334-6.3 Certification and Process Control Testing by the Contractor: On Asphalt Work Category 2 construction, submit a Notarized Certification of Specification Compliance letter on company letterhead to the Engineer stating that all material produced and placed on the project meets the requirements of the Specifications, along with supporting test data documenting all process control testing as described in 334-6.3.1. If required by the Contract, utilize an Independent Laboratory as approved by the Engineer for the process control testing. The mix will also require visual acceptance by the Engineer. In addition, the Engineer may run independent tests to determine the acceptability of the material. Material failing to meet these acceptance criteria will be addressed as directed by the Engineer such as but not limited to acceptance at reduced pay, delineation testing to determine the limits of the questionable material, removal and

replacement at no cost to the agency, or performing an Engineering analysis to determine the final disposition of the material.

334-6.3.1 Process Control Sampling and Testing Requirements: Perform process control testing at a frequency of once per day. Obtain the samples in accordance with FDOT Method FM 1-T 168. Test the mixture at the plant for gradation (P₈ and P₂₀₀) and asphalt binder content (P_b). Measure the roadway density with 6 inch diameter roadway cores at a minimum frequency of once per 1,500 feet of pavement with a minimum of three cores per day.

Determine the asphalt binder content of the mixture in accordance with FDOT Method FM 5-563. Determine the gradation of the recovered aggregate in accordance with FDOT Method FM 1-T 030. Determine the roadway density in accordance with FDOT Method FM 1-T 166. The minimum roadway density will be based on the percent of the maximum specific gravity (G_{mm}) from the approved mix design. If the Contractor or Engineer suspects that the mix design G_{mm} is no longer representative of the asphalt mixture being produced, then a new G_{mm} value will be determined from plant-produced mix, in accordance with FDOT Method FM 1-T 209, with the approval of the Engineer. Roadway density testing will not be required in certain situations as described in 334-6.4.1. Assure that the asphalt binder content, gradation and density test results meet the criteria in Table 334-4.

Table 334-4 Process Control and Acceptance Values	
Characteristic	Tolerance
Asphalt Binder Content (percent)	Target ± 0.55
Passing No. 8 Sieve (percent)	Target ± 6.00
Passing No. 200 Sieve (percent)	Target ± 2.00
Roadway Density (daily average)	Minimum 90.0% of G _{mm}

334-6.4 Process Control Testing by the Contractor and Acceptance Testing by the Engineer: On Asphalt Work Category 3, perform process control testing as described in 334-6.3.1. In addition, the Engineer will accept the mixture at the plant with respect to gradation (P₈ and P₂₀₀) and asphalt binder content (P_b). The mixture will be accepted on the roadway with respect to density. The Engineer will sample and test the material as described in 334-6.3.1. The Engineer will randomly obtain at least one set of samples per day. Assure that the asphalt content, gradation and density test results meet the criteria in Table 334-4. Material failing to meet these acceptance criteria will be addressed as directed by the Engineer such as but not limited to acceptance at reduced pay, delineation testing to determine the limits of the questionable material, removal and replacement at no cost to the agency, or performing an Engineering analysis to determine the final disposition of the material.

334-6.4.1 Acceptance Testing Exceptions: When the total quantity of any mix type in the project is less than 500 tons, the Engineer will accept the mix on the basis of visual inspection. The Engineer may run independent tests to determine the acceptability of the material.

Density testing for acceptance will not be performed on widening strips or shoulders with a width of 5 feet or less, variable thickness overbuild courses, leveling courses, any asphalt layer placed on subgrade (regardless of type), miscellaneous asphalt pavement, shared use paths, crossovers, or any course with a specified thickness less than 1 inch or a specified spread rate less than 100 pounds per square yard. Density testing for acceptance will not be performed on asphalt courses placed on bridge decks or approach slabs; compact these courses in static mode only. In addition, density testing for acceptance will not be performed on the following areas when they are less than 1,000 feet continuous in length: turning lanes, acceleration lanes, deceleration lanes, shoulders, parallel parking lanes, or ramps. Density testing for acceptance will not be performed in intersections. The limits of the intersection will be from stop bar to stop bar for both the mainline and side streets. Compact these courses in accordance with a standard rolling procedure approved by the Engineer. In the event that the rolling procedure deviates from the approved procedure, placement of the mix will be stopped.

334-7 Method of Measurement.

For the work specified under this Section, the quantity to be paid for will be the weight of the

mixture, in tons.

The bid price for the asphalt mix will include the cost of the liquid asphalt and the tack coat application as specified in 334-5.5.4. There will be no separate payment or unit price adjustment for the asphalt binder material in the asphalt mix.

334-8 Basis of Payment.

334-8.1 General: Price and payment will be full compensation for all the work specified under this Section.

CONCRETE FOR LAP (OFF-SYSTEM).

(REV 12-20-11) (FA 2-27-12)

SECTION 344 CONCRETE FOR LAP (OFF-SYSTEM)

344-1 Description.

344-1 General: Construct concrete based on the type of work as described in the Contract and the concrete work categories as defined below.

344-1.2 Work Categories: Construction will fall into one of the following concrete work categories:

344-1.2.1 Concrete Work Category 1: Includes the construction of sidewalks, curb and gutter, ditch and slope pavement, or other non-reinforced cast-in-place elements.

344-1.2.2 Concrete Work Category 2: Includes the construction of precast concrete including concrete barriers, traffic railing barriers, parapets, sound barriers, inlets, manholes, junction boxes, pipe culverts, storm sewers, box culverts, prestressed concrete poles, concrete bases for light poles, highway sign foundations, retaining wall systems, traffic separators or other structural precast elements.

344-1.2.3 Concrete Work Category 3: Includes the work associated with the placement and/or construction of structural cast-in-place concrete meeting the requirements of this section.

344-2 Materials.

344-2.1 General: Use concrete composed of a mixture of Portland cement, aggregates, and water, with or without chemical or mineral admixtures that meet the following requirements:

344-2.1.1 Portland Cement: Portland cements meeting the requirements of AASHTO M-85 or ASTM C-150 is required. Different brands of cement, cement of the same brand from different facilities or different types of cement shall be stored separately and shall not be mixed.

344-2.1.2 Coarse and Fine Aggregates: Aggregates shall meet ASTM C 33. Source approval by the FDOT is not required.

344-2.1.3 Water: Water shall meet the requirements of ASTM C 1602.

344-2.1.4 Chemical Admixtures: Chemical admixtures shall be listed on the FDOT Qualified Products List. Admixtures may be added at the dosage rates recommended by the manufacturer.

344-2.1.5 Pozzolans and Slag: Pozzolans and Slag shall meet the requirements of Table 344-1. Fly ash shall not include the residue resulting from the burning of municipal garbage or any other refuse with coal, or the burning of industrial or municipal garbage in incinerators.

Table 344-1

Type or Class	Test Method	Exceptions
Class C Fly Ash	ASTM C 618	Not to be used with Types IP or IS cements.
Class F Fly Ash	ASTM C 618	Not to be used with Types IP or IS cements.
Petroleum Coke Class F	ASTM C 618	Not to be used with Types IP or IS cements.
Bark Ash Class F	ASTM C 618	Not to be used with Types IP or IS cements.
Silica Fume	ASTM C 1240	
Metakaolin	ASTM C 618	
Slag	ASTM C 989	Use only ground granulated blast-furnace slag grade 100 or 120.

Ultra Fine Fly Ash	ASTM C 618	Not to be used with Types IP or IS cements.
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344-3 Production, Mixing and Delivery of Concrete.

344-3.1 Concrete Production Requirements:

344-3.1.1 Category 1: Use a concrete production facility that is certified by the National Ready Mixed Concrete Association (NRMCA) or listed on the FDOT list of non-structural concrete producers. Concrete production facilities listed on the FDOT Producers with Accepted QC Programs list for structural concrete may also be used for Category 1.

344-3.1.2 Category 2: Use a prestressed and or precast facility listed on the FDOT Producers with Accepted QC Programs for precast or prestressed concrete.

344-3.1.3 Category 3: Use a structural concrete facility listed on the FDOT Producers with Accepted QC Programs for structural concrete.

344-3.2 Classes of Concrete: Meet the requirements of Table 344-2.

Table 344-2						
Class	Minimum Strength (28 day) (psi)	Target Slump (inches)	Target Range (inches)	Air Content Range (%)	Minimum Total Cementitious Materials Content (lb/yd ³)	Maximum Water to Cementitious Material Ratio (lb/lb)
Category 1						
Class NS	2,500	N/A	N/A	N/A	N/A	N/A
Category 3						
I	3,000	3	± 1.5	1.0 to 6.0	470	0.53
I (Pavement)	3,000	2	± 1.5	1.0 to 6.0	470	0.50
II	3,400	3	± 1.5	1.0 to 6.0	470	0.53
II (Bridge Deck)	4,500	3	± 1.5	1.0 to 6.0	611	0.44
III	5,000	3	± 1.5	1.0 to 6.0	611	0.44
III (Seal)	3,000	8	± 1.5	1.0 to 6.0	611	0.53
IV	5,500	3	± 1.5	1.0 to 6.0	658	0.41
IV (Drilled Shaft)	4,000	8.5	± 1.5	0.0 to 6.0	658	0.41
V (Special)	6,000	3	± 1.5	1.0 to 6.0	752	0.37
V	6,500	3	± 1.5	1.0 to 6.0	752	0.37
VI	8,500	3	± 1.5	1.0 to 6.0	752	0.37

344-3.3 Contractors Quality Control: For Categories 1 and 2, assume full responsibility for controlling all operations and processes such that the requirements of these Specifications are met at all times.

For Category 3, furnish a Quality Control (QC) plan to identify to the Engineer how quality will be ensured at the project site. During random inspections, the Engineer will use this document to verify that the construction of the project is in agreement with the QC plan.

344-3.4 Concrete Mix Design: Before producing any Category 1 or Category 2, submit the proposed mix designs to the Engineer on a form provided by the Engineer. For Category 3, submit to the Engineer for approval, FDOT approved mix designs. Do not use concrete mix designs without prior approval of the Engineer.

Materials may be adjusted provided that the theoretical yield requirement of the approved mix design is met. Show all required original approved design mix data and batch adjustments on an Engineer approved concrete delivery ticket.

344-3.5 Delivery: For Category 3, the maximum allowable transit time of concrete is 90 minutes.

Furnish a delivery ticket on a form approved by the Engineer with each batch of concrete before unloading at the placement site. Record material quantities incorporated into the mix on the delivery ticket. Ensure that the Batcher responsible for producing the concrete signs the delivery ticket certifying that

the batch was produced and delivered in accordance with these requirements. Sign the delivery ticket certifying that the concrete was placed in accordance with these requirements.

344-3.6 Placing Concrete:

344-3.6.1 Concreting in Cold Weather: Do not mix or place concrete when the air temperature at placement is below 45°F.

During the curing period, if NOAA predicts the ambient temperature to fall below 35°F for 12 hours or more or to fall below 30°F for more than 4 hours, enclose the structure in such a way that the air temperature within the enclosure can be kept above 50°F for a period of 3 days after placing the concrete or until the concrete reaches a minimum compressive strength of 1,500 psi.

Assume all risks connected with the placing and curing of concrete. Although the Engineer may give permission to place concrete, the Contractor is responsible for satisfactory results. If the placed concrete is determined to be unsatisfactory, remove, dispose of, and replace the concrete at no expense to the Agency.

344-3.6.2 Concreting in Hot Weather: For Category 3, hot weather concreting is defined as the production, placing and curing of concrete when the concrete temperature at placing exceeds 86°F but is less than 100°F.

Unless the specified hot weather concreting measures are in effect, reject concrete exceeding 86°F at the time of placement. Regardless of special measures taken, reject concrete exceeding 100°F. Predict the concrete temperatures at placement time and implement hot weather measures to avoid production shutdown.

344-3.7 Mixers: For Category 3 concrete, do not place concrete from a truck mixer that does not have a current FDOT mixer identification card.

344-3.8 Small Quantities of Concrete: With approval of the Engineer, small quantities of concrete, less than 3 cubic yards placed in one day and less than 0.5 cubic yards placed in a single placement may be accepted using a pre-bagged mixture. The Engineer may verify that the pre-bagged mixture is prepared in accordance with the manufacturer's recommendations and will meet the requirements of this Specification.

344-3.9 Sampling and Testing:

344-3.9.1 Category 1: The Engineer may sample and test the concrete to verify its quality. The minimum 28 day compressive strength requirement for this concrete is 2,500 psi.

344-3.9.2: Category 2: No sampling and testing is required for category 2.

344-3.9.3 Category 3: The Engineer will randomly select a sample from each 200 cubic yards or one day's production to determine plastic properties and to make three 4 x 8 inch cylinders for testing by the Engineer at 28 days to ensure that the design compressive strength has been met for the class of concrete as specified in Table 344-2.

344-3.10 Records: Ensure the following records are available for review for at least 3 years after final acceptance of the project:

1. Approved concrete mix designs.
2. Materials source (delivery tickets, certifications, certified mill test reports).
3. A copy of the scale company or testing agency report showing the observed deviations from quantities checked during calibration of the scales and meters.
4. A copy of the documentation certifying the admixture weighing/measuring devices.

344-4 Acceptance of the Work.

344-4.1 Category 1 Work: Category 1 work will be accepted based on certification by the batcher and contractor on the delivery ticket.

344-4.2 Category 2 Work: Certify that the precast elements were produced by a production facility on the FDOT's list of Producers with Accepted QC Programs for precast or prestressed concrete. In addition, the producer's logo shall be stamped on the element. The producer shall not use the Florida Department of Transportation QC stamp on elements used on this project. Provide a statement of certification from the manufacturer of the precast element that the element meets the requirements of this Specification.

344-4.3 Category 3 Work: Category 3 concrete will be accepted based on the Engineer's test results for plastic properties and compressive strength requirements for the class of concrete as defined in Table

344-2. In addition, a Delivery Ticket as described in 344-3.5 will be required for acceptance of the material at the project site.

344-4.4 Small Quantities of Concrete: Category 3 concrete meeting the definition of 344-3.8 will be accepted in accordance with 344-4.3 based on test results for plastic properties and compressive strength.

344-5 Method of Measurement.

The quantities to be paid for will be the items shown in the plans, completed and accepted.

344-6 Basis of Payment.

Prices and payments will be full compensation for all work and materials specified in this Section.

LANDSCAPE INSTALLATION FOR LAP (OFF-SYSTEM).

(REV 4-5-11) (FA 4-15-11)

SECTION 580

LANDSCAPE INSTALLATION FOR LAP (OFF-SYSTEM)

580-1 Description.

Plant trees and shrubs of the species, size, and quality indicated in the plans.

The Engineer reserves the right to adjust the number and location of any of the designated types and species to be used at any of the locations shown, in order to provide for any unanticipated effects which might become apparent after the substantial completion of other phases of the project, or for other causes.

580-2 Materials.

580-2.1 Plants:

580-2.1.1 Authority for Nomenclature; Species, etc.: For the designated authority in the identification of all plant material, refer to two publications of L.H. Bailey: "Hortus III" and "Manual of Cultivated Plants," and ensure that all specimens are true to type, name, etc., as described therein. For the standard nomenclature, refer to the publication of the American Joint Committee on Horticultural Nomenclature, "Standardized Plant Names."

580-2.1.2 Grade Standards and Conformity with Type and Species: Only use nursery grown plant material except where specified as Collected Material. Use nursery grown plant material that complies with all required inspection, grading standards, and plant regulations in accordance with the latest edition of the Florida Department of Agriculture's "Grades and Standards for Nursery Plants".

Except where a lesser grade might be specifically specified in the plans, ensure that the minimum grade for all trees and shrubs is Florida No. 1. Ensure that all plants are the proper size and grade at the time of delivery to the site, throughout the project construction period and during any designated plant establishment period.

Ensure that plant materials are true to type and species and that any plant materials not specifically covered in Florida Department of Agriculture's "Grades and Standards for Nursery Plants" conform in type and species with the standards and designations in general acceptance by Florida nurseries.

Ensure that plant materials are shipped with tags stating the botanical and common name of the plant.

580-2.1.3 Inspection and Transporting: Move nursery stock in accordance with all Federal and State regulations therefor, and accompany each shipment with the required inspection certificates for filing with the Engineer.

580-2.2 Water: Water used in landscaping operations may be obtained from any approved source. Ensure that water is free of any substance which might be detrimental to plant growth. The use of effluent water is subject to approval and must meet all Federal, State and Local requirements.

580-3 Specific Requirements for the Various Plant Designations.

580-3.1 Balled-and-Burlapped Plants (B&B), and Wired Balled-and-Burlapped (WB & B):

580-3.1.1 General: Properly protect the root ball of these plants until planting them. The Engineer may reject any plant which shows evidence of having been mishandled.

Set the B&B and WB&B plants then remove the top 2/3 of all wire, rope, and binding surrounding the plant. Remove the burlap from the top 4 inches of the root ball. Do not disturb the root ball in any way. Bare root material is not allowed for substitution.

At least 90 days before digging out B & B and WB & B plants, root-prune those 1 1/2 inches or greater in diameter and certify such fact on accompanying invoices.

580-3.1.2 Provisions for Wiring: For plants grown in soil of a loose texture, which does not readily adhere to the root system (and especially in the case of large plants or trees), the Engineer may require WB & B plants. For WB & B plants, before removing the plant from the excavated hole, place sound hog wire around the burlapped ball, and loop and tension it until the tightened wire netting substantially packages the burlapped ball such as to prevent disturbing of the loose soil around the roots during handling.

580-3.2 Container-Grown Plants (CG): The Engineer will not accept any CG plants with roots which have become pot-bound or for which the top system is too large for the size of the container. Fully cut and open all containers in a manner that will not damage the root system. Do not remove CG plants from the container until immediately before planting to prevent damage to the root system.

580-3.3 Collected Plants (Trees and Shrubs) (C): Use C plants which have a root ball according to "Florida Grades and Standards for Nursery Plants". Do not plant any C plant before the Engineer's inspection and acceptance at the planting site.

580-3.4 Collected Plants (Herbaceous) (HC): The root mass and vegetative portions of collected herbaceous plants shall be as large as the specified container-grown equivalent. Do not plant any collected plant before inspection and acceptance by the Engineer.

580-3.5 Specimen Plants (Special Grade): When Specimen (or Special Grade) plants are required, label them as such on the plant list, and tag the plant to be furnished.

580-3.6 Palms: Wrap the roots of all plants of the palm species before transporting, except if they are CG plants and ensure that they have an adequate root ball structure and mass for healthy transplantation as defined in "Florida Grades and Standards for Nursery Plants".

The Engineer will not require burlapping if the palm is carefully dug from marl or heavy soil that adheres to the roots and retains its shape without crumbling. During transporting and after arrival, carefully protect root balls of palms from wind and exposure to the sun. Muck grown palms are not allowed. After delivery to the job site, if not planting the palm within 24 hours, cover the root ball with a moist material. Plant all palms within 48 hours of delivery to the site.

Move sabal and coconut palms in accordance with the "Florida Grades and Standards for Nursery Plants."

580-3.7 Substitution of Container-Grown (CG) Plants: With the Engineer's approval, the Contractor may substitute CG plants for any other root classification types, if he has met all other requirements of the Contract Documents.

580-4 Planting Requirements.

580-4.1 Layout: Prior to any excavation or planting, mark all planting beds and individual locations of palms, trees, large shrubs and proposed art and architectural structures, as shown in the plans, on the ground with a common bright orange colored spray paint, or with other approved methods, within the project limits. Obtain the Engineer's approval and make necessary utility clearance requests.

580-4.2 Excavation of Plant Holes: Excavate plant holes after an area around the plant three times the size of the root ball has been tilled to a depth of the root ball. Ensure that the plant hole is made in the center of the tilled area only to the depth of the plant root ball.

Where excess material has been excavated from the plant hole, use the excavated material to backfill to proper level.

580-4.3 Setting of Plants: Center plants in the hole. Lower the plant into the hole so that it rests on a prepared hole bottom such that the roots are level with, or slightly above, the level of their previous growth and so oriented such as to present the best appearance.

Backfill with native soil, unless otherwise specified on the plans. Firmly rod and water-in the backfill so that no air pockets remain. Apply a sufficient quantity of water immediately upon planting to

thoroughly moisten all of the backfilled earth. Keep plants in a moistened condition for the duration of the planting period.

When so directed, form a water ring 6 inches in width to make a water collecting basin with an inside diameter equal to the diameter of the excavated hole. Maintain the water ring in an acceptable condition.

580-4.4 Special Bed Preparation: Where multiple or mass plantings are to be made in extended bedding areas, and the plans specify Special Bed Preparation, prepare the planting beds as follows:

Remove all vegetation from within the area of the planting bed and excavate the surface soil to a depth of 6 inches. Backfill the excavated area with peat, sand, finish soil layer material or other material to the elevation of the original surface. Till the entire area to provide a loose, friable mixture to a depth of at least 8 inches. Level the bed only slightly above the adjacent ground level. Then mulch the entire bedding area, in accordance with 580-8.

580-5 Staking and Guying.

580-5.1 General: When specified in the plans, or as directed by the Engineer, stake plants in accordance with the following.

Use wide plastic, rubber or other flexible strapping materials to support the tree to stakes or ground anchors that will give as the tree moves in any direction up to 30 degrees. Do not use rope or wire through a hose. Use guy chords, hose or any other thin bracing or anchorage material which has a minimum 12 inches length of high visibility flagging tape secured to guys, midway between the tree and stakes for safety.

Stake trees larger than 1 inch diameter and smaller than 2 inches diameter with a 2 by 2 inch stake, set at least 2 feet in the ground and extending to the crown of the plant. Firmly fasten the plant to the stake with flexible strapping materials as noted above.

580-5.2 Trees of 2 to 3 1/2 inches [50 to 90 mm] Caliper: Stake all trees, other than palm trees, larger than 2 inches caliper and smaller than 3 1/2 inches caliper with two 2 by 4 inch stakes, 8 feet long, set 2 feet in the ground. Place the tree midway between the stakes and hold it firmly in place by flexible strapping materials as noted above.

580-5.3 Large Trees: Guy all trees, other than palm trees, larger than 3 1/2 inches caliper, from at least three points, with flexible strapping materials as noted above.

Anchor flexible strapping to 2 by 4 by 24 inch stakes, driven into the ground such that the top of the stake is at least 3 inches below the finished ground.

580-5.4 Special Requirements for Palm Trees: Brace palms which are to be staked with three 2 by 4 inch wood braces, toe-nailed to cleats which are securely banded at two points to the palm, at a point one third the height of the trunk. Pad the trunk with five layers of burlap under the cleats. Place braces approximately 120 degrees apart and secure them underground by 2 by 4 by 12 inch stake pads.

580-6 Tree Protection and Root Barriers.

Install tree barricades when called for in the Contract Documents or by the Engineer to protect existing trees from damage during project construction. Place barricades at the drip line of the tree foliage or as far from the base of the tree trunk as possible. Barricades shall be able to withstand bumps by heavy equipment and trucks. Maintain barricades in good condition.

When called for in the Contract Documents, install root barriers or fabrics in accordance with the details shown.

580-7 Pruning.

Prune all broken or damaged roots and limbs in accordance with established arboriculture practices. When pruning is completed ensure that all remaining wood is alive. Do not reduce the size or quality of the plant below the minimum specified.

580-8 Mulching.

Uniformly apply mulch material, consisting of wood chips (no Cypress Mulch is allowed), pine straw, compost, or other suitable material approved by the Engineer, to a minimum loose thickness of

3 inches over the entire area of the backfilled hole or bed within two days after the planting. Maintain the mulch continuously in place until the time of final inspection.

580-9 Disposal of Surplus Materials and Debris.

Dispose of surplus excavated material from plant holes by scattering or otherwise as might be directed so that it is not readily visible or conspicuous to the passing motorist or pedestrian. Remove all debris and other objectionable material from the site and clean up the entire area and leave it in neat condition.

580-10 Contractor's Responsibility for Condition of the Plantings.

Ensure that the plants are kept watered, that the staking and guying is kept adjusted as necessary, that all planting areas and beds are kept free of weeds and undesirable plant growth and that the plants are maintained so that they are healthy, vigorous, and undamaged at the time of acceptance.

580-11 Plant Establishment Period.

If the Contract Documents designate a Plant Establishment Period, assume responsibility for the proper maintenance, survival and condition of all landscape items during such period at no additional cost.

580-12 Method of Measurement.

The quantities to be paid for will be the items shown in the plans, completed and accepted.

580-13 Basis of Payment.

Prices and payments will be full compensation for all work specified in this Section.

710 PAINTED PAVEMENT MARKINGS.

(REV 5-26-17) (FA 8-7-17) (1-18)

SUBARTICLE 710-4.1.1 is deleted and the following substituted:

710-4.1.1 Painted Pavement Markings (Final Surface): On concrete surfaces or newly constructed asphalt without rumble striping, the painted pavement markings (final surface) will include one application of standard paint and one application of Class B retroreflective pavement markers applied to the final surface.

On newly constructed asphalt with rumble striping, apply two applications of standard paint and one application of Class B retroreflective pavement markers. Additionally, for center line rumble striping installations, install Class D retroreflective pavement markers with the first application of standard paint. Remove Class D markers prior to grinding, and install Class B retroreflective pavement markers in an unground area after grinding. The second application of standard paint must be applied within 24 hours of each day's grinding operation.

Do not apply final surface paint for bicycle arrows or bicycle messages, 24 inch longitudinal bars in special emphasis crosswalks, or route shields where preformed thermoplastic will be applied.

Install all retroreflective pavement markers in accordance with Design Standards, Index Nos. 17352 and 17345, prior to opening the road to traffic.

Temporary retroreflective pavement markers must meet the requirements of Section 102.

Permanent retroreflective pavement markers must meet the requirements of Section 706.

SCOPE OF WORK – INTENT OF CONTRACT.

(REV 8-19-09) (FA 8-24-09) (1-18)

ARTICLE 4-1 is expanded by the following:

The Improvements under this Contract consist of an asphalt multi-use trail and associated roadway construction, sidewalk modifications, earthwork, drainage structures, maintenance of traffic, signing & pavement markings, and landscape/hardscape features for the Hardy Trail Extension from Church Avenue to Lock Street in Dade City, Florida.

The summary of pay items for this project is listed in the Plans.