

**ITB FOR
NW 60th AVENUE BICYCLE/PEDESTRIAN
IMPROVEMENTS PROJECT**

ITB No. 2019-06



The Town of Miami Lakes Council:

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The Town of Miami Lakes
6601 Main Street
Miami Lakes, Florida 33014

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SECTION A. NOTICE TO BIDDERS

ITB Name: NW 60th Avenue Bicycle/Pedestrian Improvements Project

ITB No.: 2019-06

Submittals Due: 11:00 AM EST, March 14, 2019

The Town of Miami Lakes (the "Town") will be accepting sealed Bids for the Town's NW 60th Avenue Bicycle/Pedestrian Improvements Project ("Project"). Bidders are to submit one (1) marked original and two (2) physical copies of their Bid with original signatures, along with a virtual copy of the Bid on a Flash Drive. **Sealed Bids, including the Flash Drive must be received by the Town of Miami Lakes, Town Clerk at 6601 Main Street, Miami Lakes, Florida no later than 11:00 A.M. on March 14, 2019.**

This is a grant-funded project administered in coordination with FDOT District 6 Local Agency Program consisting of construction of the shared use path, milling and resurfacing of a roadway, and installation of roadway signage and pavement markings.

Scope of Work:

The Contractor must furnish all labor, materials, supplies, tools, equipment, supervision and services necessary to construct a shared use path at the project location per the attached project plans and in accordance with all applicable FDOT Design Standards, FDOT Standard Specifications, and the Americans with Disabilities Act. Contractor must furnish, install, construct, and deliver a complete project with the required maintenance and quality assurance testing as applicable to the project.

The Work includes, but is not limited to, the realignment of NW 60th Avenue from north of NW 138th St. to 150 ft. south of Miami Lakes Dr./NW 154th St. to accommodate new curb and gutter and a 10-foot wide shared use path along the west side of the corridor, the milling, resurfacing and overbuilding of the roadway, and the installation of new upgraded signing and pavement markings as required in the project plans. Porous Flexible Pavement is proposed at specific locations on the shared use path to minimize tree removal. Swales mostly behind the shared use path are provided to accommodate the runoff.

Location: NW 60th Avenue from north of NW 138th St. to 150 ft. south of Miami Lakes Dr./NW 154th St.

Minimum Qualification Requirements:

To be eligible for award of this project, Bidders shall:

1. Possess a current certified license from the State of Florida as a General Contractor, or a Certificate of Competency from the Miami-Dade County's Construction Trades Qualifying Board as either a General Engineering Contractor or a Specialty Engineering Contractor;
2. Have completed a minimum of three (3) projects of a similar size, scope and complexity in the last five (5) years, where the value of each project exceeds \$750,000; and
3. Be an FDOT pre-qualified contractor for work classes 7, 8, 10, 11, 12, 15, 28, 38, and 40; and
4. Be capable of self-performing forty percent (40%) of the primary physical construction Work.

The Town will consider a Bidder as responsive where a Bidder has less than the stipulated minimum number of years of experience solely where the Bidder has undergone a name change and such change of name has been filed with the State of Florida or where the Bidder was a subsidiary of a larger firm and the Bidder's firm has been merged into the larger firm. Bidder must include documentation substantiating such name change as part of its submittal for the Town to consider crediting the years of experience from the Bidder under its previous name. Failure to include such documentation with the Response will result in a determination of non-responsive.

The Town will only accept Bids from entities in the private sector, and therefore will not consider public agencies acting in competition with the private sector for this solicitation.

Solicitation Documents are available on the Town's website at www.miamilakes-fl.gov and selecting "Contractual Opportunities" and on www.DemandStar.com. Any inquiries regarding the Project may be directed to the Town at procurement@miamilakes-fl.gov. Telephone calls or verbal conversations are **not** permitted

All Bids must be submitted in accordance with Section B, Instructions to Bidders. **Any Bids received after the specified time and date will not be considered.** The responsibility for submitting a Bid before the stated time and date is solely and strictly the responsibility of the Bidder.

Pursuant to subsection (t) "Cone of Silence" of Section 2-11.1 "Conflict of Interest and Code of Ethics Ordinance" of Miami Dade County, public notice is hereby given that a "Cone of Silence" is imposed concerning this solicitation. The "Cone of Silence" prohibits communications concerning the substance of RFP's, RFQ's or Bids, until such time as the Town Manager makes a written recommendation to the Town Council concerning the solicitation. Any questions concerning the substance of this or any other solicitation advertised by the Town should be submitted in writing to procurement@miamilakes-fl.gov while the Cone of Silence is in effect. Failure to comply with the Cone of Silence may result in the rejection of a submittal. For additional information concerning the Cone of Silence please refer to Section 2-11.1 of Miami-Dade County Code.

SECTION B. INSTRUCTIONS TO BIDDERS

B1 DEFINITION OF TERMS

1. **Basis of Design** means a specific manufacturer's product that is named; including the make or model number or other designation, establishing the significant qualities related to type, function, dimension, in-service performance, physical properties, appearance, and other characteristics for purposes of evaluating comparable products of other manufacturers.
2. **Change Order** means a written document ordering a change in the Contract price or Contract time or a material change in the Work.
3. **Completed Project** means that the applicable regulatory authority has issued a Certificate of Completion.
4. **Completion Time** means the number of calendar days specified in the Contract for completion of the Project.
5. **Cone of Silence** means the time period and method of communications as required by Section 2-11.1 of the Miami-Dade County Code, which state that the Cone of Silence shall be in effect from the date the ITB is issued until the Town Manager issues a written recommendation.
6. **Construction Change Directive** means a written directive to effect changes to the Work, issued by the Consultant or the Project Manager that may affect the Contract price or time.
7. **Construction Schedule** means a schedule, as defined and required by the Contract Documents.
8. **Consultant** means a firm that has entered into a separate agreement with the Town for the provision of professional services.
9. **Contract** means the ITB and the ITB documents that have been submitted by the Contractor and the Contract Documents.
10. **Contract Documents** means the Contract as may be amended from time to time, any and all plans, specification, bonds, addendum, clarifications, directives, change orders, payments and other such documents issued under or relating to the Contract.
11. **Contractor** means the Successful Bidder who is issued a Purchase Order, Contract, Blanket Purchase Order agreement, or Term Contract to provide goods or services to the Town and who will be responsible for the acceptable performance of any Work and for the payment of all legal debts pertaining to the Work under the Contract.
12. **Cure** means the action taken by the Contractor promptly, after receipt of written notice from the Town of a breach of the Contract Documents, which must be performed at no cost to the Town, to repair, replace, correct, or remedy all material, equipment, or other elements of the Work or the Contract Documents affected by such breach, or to otherwise make good and eliminate such breach.
13. **Cure Period** means the period of time in which the Contractor is required to remedy deficiencies in the Work or compliance with the Contract Documents after receipt of a written Notice to Cure from the Town identifying the deficiencies and the time to Cure.
14. **Days** mean calendar days unless otherwise specifically stated in the Contract Documents.
15. **Defective Work** means (a) Work that is unsatisfactory, deficient, or damaged, does not conform to the Contract Documents, or does not meet the requirements of any inspection, test or approval, or (b) Work associated with punch list items that the Contractor fails to complete within a reasonable time after issuance of the punch list by the Project Manager.
16. **Design Documents, Plans or Sketch** means any construction plans and specifications or graphic representation included as part of the Contract.

17. **Field Directive** means a written direction from the Consultant or Project Manager directing the Contractor to proceed with Work requested by the Town, which is minor in nature and typically should not involve additional cost.
18. **Final Completion** means the date the Contractor has completed all the Work and submitted all documentation required by the Contract Documents.
19. **Inspector** means an authorized representative of the Town assigned to make necessary inspections of materials and the Work performed by the Contractor. The Town, at its sole discretion may hire a professional consultant to perform the inspections.
20. **Materials** mean goods or equipment incorporated in a Project, or used or consumed in the performance of the Work.
21. **Notice of Award** means the written letter to the Contractor notifying the Contractor that it has been awarded the Contract.
22. **Notice to Proceed** means a written letter or directive issued by the Town Manager or designee acknowledging that all conditions precedent to award have been met and directing that the Contractor may begin Work.
23. **Project** means a task or series of tasks that the Contractor must complete in accordance with the Contract Documents.
24. **Project Manager** means the individual assigned by the Town Manager or designee to manage the Project.
25. **Request For Information (RFI)** means a request from the Contractor seeking an interpretation or clarification relative to the Contract Documents. The RFI, which must be clearly marked RFI, must clearly and concisely set forth the issue(s) or item(s) requiring clarification or interpretation and why the response is required. The RFI must set forth the Contractor's interpretation or understanding of the document(s) in question, along with the reason for such understanding.
26. **Standing** means a Bidder or Proposer who believes it has been injured by the Town's action and should it prevail in its Protest would be considered the lowest responsive and responsible Bidder or most qualified Proposer and would be eligible for the award of a contract, if the Town were to award a contract as a result of a solicitation.
27. **Subcontractor** means a person, firm or corporation having a direct contract with Contractor, including one who furnishes material, equipment or services necessary to perform the Work.
28. **Substantial Completion** means that point at which the Work is at a level of completion in substantial compliance with the Contract Documents and is fit for use in its intended purpose. Substantial Compliance will not be deemed to have occurred until any and all governmental entities, with regulatory authority or which have jurisdiction over the Work, have conducted all final inspections, and approved the Work. Beneficial use or occupancy will not be the sole factor in determining whether Substantial Completion has been achieved, unless a temporary certificate of completion has been issued.
29. **Town** means the Town Council of the Town of Miami Lakes or the Town Manager, as applicable.
30. **Town Manager** means the duly appointed chief administrative officer of the Town of Miami Lakes or his designee.
31. **Work** as used herein refers to all reasonably necessary and inferable labor, material, equipment, and services, whether or not specifically stated, to be provided by the Contractor to fulfill its obligations under the Contract Documents.

B2 BID PROCESS

B2.01 GENERAL REQUIREMENTS FOR BID PROCESS

The ITB, Bid Form and any addendum that may be issued constitute the complete set of requirements for this ITB. The Bid Form page(s), and all forms contained in the ITB must be completed, signed, and submitted in accordance with the requirements of Section A, Notice to Bidders. All Bids must be typewritten or filled in with pen and ink, and must be signed in blue ink by an officer or employee having authority to bind the company or firm. Errors, corrections, or changes on any document must be initialed by the signatory of the Bid. Bidder will not be allowed to modify its Bid after the opening time and date.

B2.02 PREPARATION OF BID

The Bid Form contains multiple line items and the Bidder must provide prices for all line items and must provide the price for the total Bid amount. Failure to include pricing on all line items as well as the total Bid Amount will result in the Bid being found non-responsive.

Bidder must use the blank Town forms provided herein. The Bid must be signed and acknowledged by the Bidder in accordance with the directions on the ITB. Failure to utilize the Town's forms, or fully complete the required forms may result in a determination that the Bid is non-responsive.

A Bid will be considered non-responsive if it is conditioned on modifications, changes, or revisions to the terms and conditions or of the ITB.

The Bid prices are to include the furnishing of all labor, materials, equipment, all overhead/indirect expenses and profit, necessary for the completion of the Work, except as may be otherwise expressly provided in the Contract Documents.

Joint venture firms or teaming agreements will not be considered for award under this ITB.

Contractors that will be using a temporary labor company to provide staffing for the Project must complete Attachment B and include it with the Proposal. Failure include this form may result in the Proposal being rejected as non-responsive.

B2.03 BID PREPARATION COSTS AND RELATED COSTS

All cost involved with the preparation and submission of a Bid to the Town or any work performed in connection therewith is the sole responsibility of the Bidder(s). No payment will be made for any Bid received, or for any other effort required of or made by the Bidder prior to commencement of Work as defined by any contract duly approved by the Town Council or Town Manager. The Town will bear no responsibility for any cost associated with any judicial proceedings resulting from the ITB process.

Bidder's must submit the line item price spreadsheet ("Spreadsheet") that is part of the Bid Form on a CD-ROM or flashdrive in MS Excel format at the time of Bid submission. Do not convert the Spreadsheet to .pdf format. Failure to submit the MS Excel Spreadsheet will result in the Bid being rejected as non-responsive. Where a discrepancy exists between the Total Bid Amount on the hard copy of the Bid and the Spreadsheet the price in the Spreadsheet will prevail. **The Town Form is not to be altered, unlocked, or changed in any manner, including converting the Form to .pdf. Such action will result in a Bid being rejected as non-responsive.**

The Bid Form explains how Bidders are to price each line item of the Price Form, Form-PP.

B2.04 PRE-BID CONFERENCE

A pre-bid conference is scheduled for this solicitation at 11:00AM, on February 21, 2019 at the Town's Government Center, 6601 Main Street, Miami Lakes, FL 33014.

B2.05 QUALIFICATION OF BIDDERS

Bidder, by virtue of submitting its Bid, certifies that it is qualified and capable of performing the Work required under the Contract. To qualify for award, Bidder must meet the minimum qualification requirements stated in Section A, Notice to Bidders. Bidders must submit a completed Questionnaire Form utilizing the form included in the ITB. Failure to complete and submit this form or to meet the minimum qualifications will result in the Bid being deemed non-responsive. The Town may at its sole discretion allow a Bidder to amend an incomplete Questionnaire during the evaluation process provided that the Bidder has included the Questionnaire in its Bid.

B2.06 EXAMINATION OF CONTRACT DOCUMENTS

It is the responsibility of each Bidder, before submitting a Bid in response to this ITB to:

- Carefully review the ITB, including any Addendum and notify the Town of any conflicts, errors or discrepancies.
- Take into account federal, state and local, including, without limitation, the Town's Code, and Miami-Dade County and the State of Florida's statutes laws, rules, regulations, and ordinances that may affect a Bidder's ability to perform the Work.
- Study and carefully correlate Contractor's observations with the requirements of the ITB.

The submission of a Bid in response to this solicitation constitutes an incontrovertible representation by Bidder that it will comply with the requirements of the Contract Documents and that without exception, the Bid is premised upon performing and furnishing the Work required under the Contract Documents and that the Contract Documents are sufficient in detail to indicate and convey understanding of all terms and conditions for the performance of the Work.

B2.07 INTERPRETATIONS AND CLARIFICATIONS

All questions about the meaning or intent of the ITB, must be directed in writing and submitted by e-mail to the Procurement Office, at procurement@miamilakes-fl.gov. Interpretation or clarifications considered necessary by the Town in response to such questions will be issued by means of an addendum. All addenda will be posted on the Town's website, www.miamilakes-fl.gov under Contractual Opportunities. It is the sole responsibility of the Bidder to obtain all addenda by visiting the Town's website. Written questions must be received no less than ten (10) days prior to bid opening. Only questions answered by written addenda will be binding. Verbal interpretation or clarifications will be without legal effect.

B2.08 POSTPONEMENT OF BID OPENING DATE

The Town reserves the right to postpone the date for receipt and opening of Bids and will make a reasonable effort to give at least five (5) calendar days' notice prior to the Bid opening date, of any such postponement to prospective Bidders. Any such postponement will be announced through the issuance of an addendum posted to the Town's website.

B2.09 ACCEPTANCE OR REJECTION OF BIDS

The Town reserves the right to reject any and all Bids, with or without cause, to waive technical errors and informalities, or to cancel or re-issue this solicitation. The Town also reserves the right to reject the Bid of any Bidder who has failed to previously perform under a contract or who is in arrears to the Town.

B2.09(i) Unbalanced Bids

The Town reserves the right to reject any Bid where the line item pricing is determined to be unbalanced. Such determination will be made at the sole discretion of the Town. An Unbalanced Bid price, which will be determined at the sole discretion of the Town, includes, but is not limited

to, pricing that is not consistent with pricing in the industry or with market conditions and a comparison to the pricing submitted by other Bidders. An Unbalanced Bid typically occurs where the prices for one or more line items are too low a price to cover the actual cost to perform the Work (including overhead and profit) or too high a price where excessive profit will occur.

B2.10 WITHDRAWAL OF BID

Bidder warrants, by virtue of bidding, that its Bid and the prices quoted in its Bid are firm and irrevocable for acceptance by the Town for a period of one hundred twenty (120) calendar days from the date of the Bid submittal deadline. Bidder may change or withdraw its Bid prior to the Bid submittal deadline. All changes or withdrawals must be made in writing to the Town Clerk. Oral/Verbal modifications will not be valid. Once the Town makes an Award, the Bid cannot be withdrawn.

B2.11 OPENING OF BIDS

Bids will be publicly opened at the appointed time and place stated in the ITB and the names of the Bidders will be announced. The Town at its sole option may read the Bid prices. Late Bids will not be opened. Town staff is not responsible for the premature opening of a Bid if the Bid is not properly sealed, addressed and labeled. Bidders or their authorized agents are invited to be present at the Bid opening. Any additional information on the Bid submittals will be made available in accordance with Florida Statute 119.071, Paragraph (b) of subsection (1), item 2, as amended. Review of the Bid submittals by Town staff will determine the lowest responsive and responsible Bidder(s).

B2.12 LOCAL PREFERENCE

This ITB is **not** subject to local preference under Town Ordinance 17-203, Section 13.

B2.13 BID BONDS

Each Bid must include a bid bond of at least 5% of the total bid price. Failure to include the bid bond will result in the bid being deemed non-responsive.

B2.14 TIE BIDS

Whenever two (2) or more bids are equal in price, the tie shall be resolved in favor of the Contractor that has been awarded and successfully completed the most construction projects under contract for the Town.

B2.15 AWARD OF CONTRACT(S)

The Town anticipates awarding a contract to the lowest responsive and responsible Bidder(s) that is in the best interest of the Town.

The Town may require demonstration of competency and, at its sole discretion, conduct site visit(s) and inspections of the Bidder's place of business, require the Bidder to furnish documentation or require the Bidder to attend a meeting to determine the Bidder's qualifications and ability to meet the terms and conditions of this Contract. The Town will consider, but not be limited to, such factors as financial capability, labor force, equipment, experience, knowledge of the trade work to be performed, the quantity of Work being performed by the Contractor and past performance on Town and other contracts. In no case will the Award be made until all necessary investigations have been made into the responsibility of the Bidder and the Town is satisfied that the Bidder(s) is qualified to perform the Work.

B2.16 FDOT DISADVANTAGED BUSINESS ENTERPRISE PROGRAM

B2.16(i) *Disadvantaged Business Enterprise Affirmative Action Plan*

The overall goal for the FDOT's Disadvantaged Business Enterprise (DBE) Program for FHWA assisted contracts has been set at 10.65% for federal fiscal years 2018-2020. To that end, Bidder is encouraged

have an approved DBE Affirmative Action Program Plan filed with the Equal Opportunity Office prior to award of the Contract. It is the Bidder's responsibility to update and resubmit the plan every three years. No Contract will be awarded until FDOT approves the Plan. The DBE Affirmative Action Program Plan is incorporated into and made a part of the Contract.

B2.16(ii) Required Contract and Subcontract DBE Assurance Language

In accordance with 49 CFR 26.13 (b), the Contract Town 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 FDOT-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,

- Withholding monthly progress payments;
- Assessing sanctions;
- Liquidated damages; and/or
- Disqualifying the Contractor from future bidding as non-responsible."

B2.16(iii) Plan Requirements

Bidder must 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.

B2.16(iv) *DBE Records and Reports*

Bidder must 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:

- a. The procedures adopted to comply with these Specifications;
- b. The number of subordinated Contracts on Town projects awarded to DBEs;
- c. The dollar value of the Contracts awarded to DBEs;
- d. The percentage of the dollar value of all subordinated Contracts awarded to DBEs as a percentage of the total Contract amount;
- e. A description of the general categories of Contracts awarded to DBEs; and
- f. The specific efforts employed to identify and award Contracts to DBEs.

Upon request, Bidder must provide the records to the Town for review.

Bidder must maintain all such records for a period of five years following acceptance of final payment and have them available for inspection by the Town, FDOT and the Federal Highway Administration.

B2.16(v) *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. Bidder must 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. FDOT 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. FDOT 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 FDOT-assisted contract, toward DBE goals, provided that FDOT 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, FDOT 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, FDOT 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, FDOT 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.

B2.16(vi) Bid Opportunity Reporting

In furtherance of FDOT's DBE Program goal, Bidders must complete and include FDOT Form 375-040-62, Bid Opportunity List for Professional Consultant Services, And Commodities & Contractual Services, with their Response. Bidders should utilize this form to provide information on all firms that are participating, or attempting to participate, on this Contract.

B2.17 BID PROTEST PROCESS

Any Bidder wishing to file a protest as to the requirements or award of this ITB must do so in accordance with Town Ordinance 17-203, Section 16, which is available at http://www.miamilakes-fl.gov/index.php?option=com_content&view=article&id=67&Itemid=269.

Protests on solicitations in excess of \$15,000 shall be governed by the following procedures:

(a) Filing of Protest

1. The written protest must be filed with the Procurement Manager, with a copy to the Town Clerk, based on the following timeframes.
 - i. A prospective Bidder/Proposer who perceives that it is precluded from submitting a response to a solicitation due to the requirements of the solicitation, including the terms and conditions, specifications or drawings, may file a protest with the Procurement Manager. The protest shall be submitted to the Procurement Manager, with a copy to the Town Clerk, within four (4) business days after the solicitation is either posted on the Town's website or an announcement is placed in a newspaper, whichever is earlier.
 - ii. A prospective Bidder/Proposer who has Standing under the solicitation may protest the recommended award to the Procurement Manager. The protest

shall be submitted to the Procurement Manager, with a copy to the Town Clerk, within four (4) business days after notice has been sent to the Bidder/Proposer of the Town Manager's or Procurement Manager's, as applicable, written recommendation of award. A time stamped copy of a facsimile transmission, delivery receipt by e-mail, proof of mailing by the postal service, or private delivery service shall constitute proof of notification.

A written protest received by the Procurement Manager after the stipulated timeframe shall not be considered.

2. The written protest cannot challenge the minimum qualifications, evaluation criteria or relative weight of assigned points, or the scoring of submittals during the evaluation process based on the evaluation criteria.
 3. The written protest shall state with specificity the facts and law upon which the protest is based, and shall include all pertinent documents and evidence and shall be accompanied by the required filing fee(s) as provided below. This shall form the basis for review of the written protest and no facts, grounds, documentation or evidence not contained in the protester's submission to the Procurement Manager at the time of filing the protest shall be permitted in the consideration of the written protest or any appeal thereof.
- (b) *Authority to resolve protests.* The Procurement Manager shall have the authority to settle and resolve timely protests. During the evaluation of the protest the Procurement Manager shall have the authority to obtain written clarification of the supporting documentation and evidence from the party submitting the protest, hereinafter referred to as a "Protestor". The Procurement Manager shall have fifteen (15) business days to issue a written decision on the protest. A copy of the decision will be forwarded to the Protestor and filed with the Town Clerk.
- (c) *Appeal of Procurement Manager's written decision.* The Protestor may appeal the Procurement Manager's written decision by filing a written request of appeal to the Town Manager, with a copy to the Town Clerk, within three (3) business days of notification of the Procurement Manager's written decision. Such notification shall comply with the timeline and proof of delivery as stipulated in a(1)ii above. The Town Manager shall have fifteen (15) business days to issue a written decision on the protest, which shall be based on the pertinent documents and evidence submitted with the initial filing of the protest together with any clarifications obtained by the Procurement Manager. A copy of the decision will be forwarded to the Protestor and filed with the Town Clerk.
- (d) *Appeal of Town Manager 's written decision.* The Protestor may appeal the Town Manager's written decision to the Town Council by filing a written request for an appeal hearing to the Town Clerk, with a copy to the Town Manager, within three (3) business days of notification of the Town Manager's written decision. Such notification shall comply with the timeline and proof of delivery as stipulated in a(1)ii above. The following procedures shall apply for an appeal hearing to the Town Council:
1. The appellant shall submit a written request that an appeal hearing be scheduled before the Town Council. The request must state the basis for the request, and demonstrate that the appellant has standing to bring the appeal. The basis for demonstrating standing in order to obtain an appeal hearing before the Town Council shall be limited to:
 - i. The decision does not follow established law or legal precedent.

- ii. The decision was not based on the requirements of the solicitation.
 - iii. The decision was biased, arbitrary and/or capricious.
 - 2. The Town Clerk will place the request for an appeal hearing on the next available Town Council Agenda. Prior to the Town Council meeting the Town Manager shall provide to the Town Council a written overview of the facts of the solicitation together with the decision rendered by the Town Manager. The Town Council 's decision at this meeting will be to determine if the appellant has Standing and there is sufficient merit for the Town Council to schedule an appeal hearing on the Town Council Agenda.
 - 3. Where the Town Council determines that there is standing and sufficient merit, to hear the appeal, the Town Clerk shall schedule the appeal on the next available Town Council Agenda.
 - 4. The Town Manager will provide the Town Council with a detailed report of the solicitation, the specifics of the appellant's protest, and the details of the findings and determinations of the Procurement Manager and the Town Manager including any clarification material obtained in response to a request by the Town, prior to the appeal hearing by the Town Council. The appellant shall be provided the opportunity to make a presentation to the Town Council, which shall be limited solely to the facts and details included in the initial protest submittal and including any clarification material obtained in response to a request by the Town. The appellant shall be precluded from introducing any details, documents or information not included in the initial protest submittal except for any clarification material obtained in response to a request by the Town. The Town Council shall base its decision on the existing record and facts as set for hearing.
- (e) *Compliance with Protest Procedures.* Failure to comply with the stipulated timeframes for submission of the Notice of Intent to file a protest or the written protest, together with the required documentation and evidence, and the filing fee(s) stipulated below shall constitute the forfeiture of the Protestor's right to protest. The Protestor shall not be entitled to seek judicial relief without first having followed and fully complied with the procedures and requirements set forth in this Section.
- (f) *Costs and Filing Fees.*
- 1. Written Protest. The written protest must be accompanied by a filing fee in the form of a money order or cashier's check in the amount of \$100.00, where the value of award is estimated to be, or is less than \$15,000. For protests where the value of award is estimated to be, or is \$15,000 or greater the money order or cashier's check in amount equal to \$500.00 or 2% of the value of the Bid/Proposal, whichever is greater up to a maximum of \$2,500.
 - 2. Appeal to the Town Manager. The written appeal to the Town Manager must be accompanied by a filing fee in the form of a money order or cashier's check in the amount \$100.00, where the value of award is estimated to be or is less than \$10,000. For appeals where the value of award is estimated to be, or is \$10,000 or greater, the money order or cashier's check in amount equal to \$500.00 or 2%, whichever is greater, up to a maximum of \$2,500.
 - 3. Appeal to the Town Council. The written request for an appeal to the Town Council must be accompanied by a filing fee in the form of a money order or cashier's check in the amount \$500.00, or 2%, whichever is greater, up to a maximum of \$2,500.

4. Refund of Filing Fees. All costs resulting from a protest shall be borne by the Protestor. If a protest is upheld by either the Procurement Manager or Town Manager, as applicable, the filing fee shall be refunded to the Protestor less costs incurred by the Town. If the protest is denied or the request for an appeal hearing before the Town Council is denied, the filing fee shall be forfeited to the Town in lieu of payment of costs incurred by the Town.
 5. Changes to the Filing Fees. The Town may amend the filing fees from time to time upon approval of the Town Council through the budget process or by resolution.
- (g) Stay of Procurement. Upon the receipt of a written protest, the Town shall not proceed further with the solicitation pending resolution of the protest, unless the Town Manager issues a written determination that the solicitation process must continue to protect public safety, health, welfare, or the loss of funding.

B2.18 SOLICITATION SCHEDULE

The Town will use the following tentative schedule in the selection process. The Town reserves the right to change and/or delay scheduled dates.

- ITB Issued – February 11, 2019
- Deadline for Receipt of Questions – March 1, 2019 (5 days before Bids due)
- Bids Due – March 11, 2019
- Evaluation – March 11, 2019 – March 22, 2019
- Contract Award – April 9, 2019

B2.19 EXECUTION OF CONTRACT

The Bidder(s) must complete and sign the Contract Execution Form, Form CE, and include it in its Bid. The Contract Execution Form must be signed by an individual authorized to sign on behalf of the Bidder(s). The Bidder must submit proof of signing authority in the form of the Certificate of Authority form included with this ITB, or another properly executed instrument that demonstrates signing authority such as a Corporate Resolution. The Town will execute a Contract with the Bidder(s) selected to provide the work requested herein (the "Successful Bidder(s)") within sixty (60) days of an award authorization from the Town Council, or the Town Manager's concurrence with Procurement's recommendation where applicable (See Town Ordinance 17-203, as amended from time to time, for guidance on the Town Manager's signing authority).

B3 REQUIRED FORMS & AFFIDAVITS

B3.01 COLLUSION

Where two (2) or more related parties, as defined in this Article, each submit a response to an ITB, such submissions will be presumed to be collusive. The foregoing presumption may be rebutted by the presentation of evidence as to the extent of ownership, control and management of such related parties in preparation and submission under such ITB. Related parties means employees, officers or the principals thereof which have a direct or indirect ownership interest in another firm or in which a parent company or the principals thereof of one Bidder have a direct or indirect ownership interest in another Bidder for the same project. ITB responses found to be collusive will be rejected. Bids must be developed independently. Where two or more Bidders have worked together, discussed the details of their bids prior to submission of their Bids or worked together in independently submitting Bids such actions will be deemed to be collusion.

B3.02 RELATIONSHIPS WITH THE TOWN AFFIDAVIT

The Bidder must identify any relationship the owners or employees have with the Town's elected officials or staff using the Relationships with the Town affidavit found in Section G, Affidavits.

B3.03 CONFLICT OF INTEREST/ANTI-KICKBACK

Bidder must complete and submit the Conflict of Interest, Anti-Kickback and Bidder's Relationships to the Town Affidavits found in Section G, Forms & Affidavits, in its Bid. Bidder certifies that its Bid is made independently of any assistance or participation from any Town employee, elected official, or contractor working for or on behalf of the Town, who assisted in any aspect with the development, evaluation, or award if this or any solicitation issued by the Town.

Town employees may not contract with the Town through any corporation, or business entity in which they or their immediate family members hold a controlling financial interest (e.g. ownership of five (5) percent or more). Immediate family members, including spouse, parents, and children are also prohibited from contracting with the Town without the prior approval of the Town Council.

Miami-Dade County Ordinance 2-11.1, Conflict of Interest & Code of Ethics ordinance or the provisions of Chapter 112, Part III, Fla. Stat., Code of Ethics for Public Officers and Employees, as applicable and as amended are hereby included into and made a part of this solicitation.

B3.04 PUBLIC RECORDS AFFIDAVIT

The Town shall comply with the Public Records Law as provided by Chapter 119, Florida Statutes, and all applicable amendments. Applicants must invoke the exemptions to disclosure provided by law in the response to the solicitation and must identify the data or other materials to be protected by separate envelope, and must state the reasons why such exclusion from public disclosure is necessary. The submission of a response authorizes release of your firm's credit data to the Town.

All prospective Bidders must complete and submit the Compliance with Public Records Law affidavit with their Bid. Failure to submit the completed affidavit may result in the Bid being deemed non-responsive. Bidders, by submitting the Compliance with Public Records Law affidavit, specifically acknowledge their obligation to comply with Section 119.0701, Florida Statutes.

B3.05 PUBLIC ENTITY CRIMES ACT

In accordance with the Public Entity Crimes Act, (Section 287.133, Florida Statutes) a person or affiliate who is a contractor, who had been placed on the convicted vendor list following a conviction for a public entity crime may not submit a bid on a contract to provide any goods or services to the Town, 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 submit bids on leases or real property to the Town, 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 the Town in excess of the threshold amount provided in Section 287.917, Florida Statutes, for Category Two for a period of 36 months from the date of being placed on the convicted vendor list. Violation of this section by the Contractor will result in rejection of the Bid, termination of the contract, and may cause Contractor debarment.

B3.06 DRUG FREE CERTIFICATION

A drug-free workplace is a mandatory requirement for federally funded projects. Bidders must complete and submit with its submittal the Drug Free Workplace Certification Form.

B3.07 CERTIFICATION REGARDING DEBARMENT

Prospective Bidders must complete and include in its Response FDOT Form 375-030-32, Certification Regarding Debarment, attesting that neither Bidder nor its principals or subcontractors and their principals, are currently suspended, proposed for debarment, declared ineligible, or voluntarily excluded

from participation in this transaction by the Town, the Florida Department of Transportation, or any other State or Federal department or agency. Should Bidder's status change during the solicitation process or the term of the contract with regards to debarment, suspension, or proposed debarment or suspension, then Bidder must immediately notify the Town. Failure to do so shall result in disqualification of Bidder's response, or the immediate termination of this Contract for default.

B3.08 FDOT FORMS

The following forms, which are included as part of this ITB, must be completed and submitted with the Bidder's submittal:

- Certification of Current Capacity – FDOT Form 525-010-46
 - Bidder must certify it has the financial capacity to complete the project. Bidders must complete Form 525-010-46 attesting such financial capacity and include with its Bid.
- Certification for Disclosure of Lobbying – FDOT Form 375-030-33
- Disclosure of Lobbying Activities – FDOT Form 375-030-34
- Certification Regarding Debarment – FDOT Form 375-030-32
- Bid Opportunity List for Professional Consultant Services, And Commodities & Contractual Services – FDOT Form 375-040-62

END OF SECTION

SECTION C. GENERAL TERMS AND CONDITIONS

C1 PRELIMINARY STEPS TO STARTING WORK

C1.01 CONTRACTOR'S PRE-START REPRESENTATION

Contractor represents that it has familiarized itself with, and assumes full responsibility for having familiarized itself with the nature and extent of the Contract Documents, Work, location of the Work, all local conditions, and any federal, state, county, and local laws, ordinances, rules and regulations that may, in any manner, affect performance of the Work, and represents that it has combined its inspections and observations with the requirements of the Contract Documents. Contractor further represents that it has studied all surveys, document, and reports of including those of any subsurface and latent physical conditions referred to in the specifications and made such additional inspections and investigations as it deems necessary for the performance of the Work and that he has coordinated the results of all such data, inspections, and investigations with the requirements of the Contract Documents.

C1.02 PRE-CONSTRUCTION CONFERENCE

Within fourteen (14) calendar days after Contractor execution of the Contract by the Town, and before any Work is performed at the Project site, a pre-construction conference will be held. Prior to this meeting the Contractor should have submitted its Project Schedule and Schedule of Values so they and other details of the project can be discussed.

C1.03 PROJECT SCHEDULE

Contractor must submit a proposed Project schedule as follows:

1. Schedule identifying the schedule for each location. The proposed Project schedule must be submitted within ten (10) calendar days of the Notice of Award and such submittal will be subject to the Project Manager's review. Subsequent to such review of said schedule the Contractor will establish said schedule as the baseline schedule.
2. All updates of schedules must be tracked against the baseline schedule and must be at a minimum submitted with each pay application. An updated schedule against the baseline must also be submitted upon execution of each change order that impacts the Contract Documents Time for completion. Failure to submit such schedules will result in the rejection of any submitted payment application.
3. All Project Schedules must be prepared in Microsoft Project 2010 unless otherwise approved by the Project Manager. At the time of submission of schedules, Contractor must submit a hard copy as well as an electronic version. Electronic versions must not be submitted in a .pdf format.

In addition to the Project Schedule the Contractor must provide a two (2) week look-ahead schedule that reflects the Work to be performed during the two (2) week period. The look-ahead schedule must be provided to the Project Manager and Consultant every other Thursday prior to the start of the two-week period. This schedule will, at a minimum, include the area(s) where Work is to be performed and the Work to be performed in the area(s).

C1.04 SCHEDULE OF VALUES

The Contractor must submit two copies of a Schedule of Values, which must be submitted within ten (10) calendar days of the issuance of the Notice of Award. The Schedule of Values shall indicate a complete breakdown of labor and material of all categories of Work on the Project. Contractor's overhead and profit should be listed as separate line items. Each line item must be identified with the number and title of the major specification section or major components of the items. The Project Manager may require further breakdown after review of the Contractor's submittal. The Town reserves

the right to require such information from the Contractor as may be necessary to determine the accuracy of the Schedule of Values. **The combined total value for mobilization under the Schedule of Values shall not exceed 5% of the value of the Contract.**

The accepted Schedule of Values must be incorporated into the Contractor's payment application form.

C1.05 CONSTRUCTION PHOTOGRAPHS

Prior to commencement of the Work the Contractor must take digital photographs and color audio-video recording to document existing conditions and submit copies in an acceptable format to the Town prior to commencement of the Work. Contractor must submit with each application for payment photographs that accurately reflect the progress of all aspects of the Work. The number of photographs to be taken will be based on the magnitude of the Work being performed. Contractor must submit one copy of each photograph in print and digitally. The photographs must be printed on 8" X 10" high resolution glossy commercial grade and weight color photographic print paper or in a format acceptable to the Town. Each photograph must be imprinted on its face with the title of the Project, the date, and time the picture was taken. Digital photographs must be taken using .jpeg format and will be submitted on a CD-ROM or flash drive clearly identifying the name of the Project, the name of the Contractor, and the timeframe in which the pictures were taken. Initial set up prints will be submitted in a three-ring binder with each picture protected by a clear plastic sleeve. Subsequent prints are to be submitted in clear plastic sleeves that can be added to the binder. The three-ring binder must be of such size to be able to hold all print pictures.

C1.06 STAGING SITE

The Contractor is solely responsible for making all arrangements for any staging site(s) that may be necessary for the performance of the Work and the Contractor is responsible for all site security, including any fencing of the site, and any loss, damage or theft to its equipment and materials. Any fencing of the Staging Site is subject to the prior written approval of the Project Manager.

The Town at its sole discretion may make a staging site available for use by the Contractor. If such site is made available by the Town, the Town assumes no responsibility or liability, and the Contractor will be responsible for any loss, damage or theft to its equipment and materials. The Contractor is also responsible for restoring the site to its pre-existing condition prior to the Contractor's use of the site.

The Contractor may be required to provide or may choose to use an office trailer for the duration of the Project. The Project Manager will authorize the use of any office trailer and the placement location for the office trailer. The Contractor must obtain all required permits from the appropriate regulatory agencies.

No parking is permitted in the Staging Site without the prior written approval of the Project Manager.

C1.07 PROJECT SIGNAGE

Contractor must furnish and install two (2) Project sign at the Project Site in accordance with the requirements provided by the Project Manager.

C1.08 COORDINATION WITH TOWN RESIDENTS

Contractor will, be responsible to provide written notification to the Town residents impacted by the Work at least seven (7) days prior to the commencement of the Work. Notification shall be made using a flyer, in a format acceptable to the Project Manager, and must be delivered by mail or by personal delivery. Contractor must maintain a record of the date(s) of notification and provide such information to the Project Manager. Contractor must not commence Work until notification to residents is provided in a manner acceptable to the Town. Contractor must also coordinate with the residents all Work that

impacts residents' driveway approaches. Additionally, the Contractor may be required to attend resident informational meetings.

C2 GENERAL REQUIREMENTS

C2.01 GENERAL REQUIREMENTS

The employee(s) of the Contractor will be considered to be at all times its employee(s), and not employee(s) or agent(s) of the Town or any of its departments.

The Contractor agrees that the Contractor will at all times employ, maintain and assign to the performance of the Contract a sufficient number of competent and qualified professionals and other personnel to meet the requirements of the Work to be performed.

The Contractor agrees to adjust staffing levels or to replace any staff personnel if so requested by the Town Manager or designee, should the Town Manager or designee make a determination that said staffing is unacceptable or that any individual is not performing in a manner consistent with the requirements for such a position.

The Contractor represents that its staff personnel have the proper skills, training, background, knowledge, experience, rights, authorizations, integrity, character and licenses necessary to perform the Work, in a competent and professional manner.

The Contractor must at all times cooperate with the Town, or the Consultant (if any) and coordinate its respective Work efforts to most effectively and efficiently progress the performance of the Work.

The Town, the Consultant (if any) and other agencies authorized by the Town, must have full access to the Project site at all times.

The apparent silence of the Contract Documents as to any detail, or the apparent omission from them of a detailed description concerning any Work to be done and materials to be furnished, will be regarded as meaning that only best practices are to prevail and only materials and workmanship of the best quality are to be used in the performance of the Work.

C2.02 RULES AND REGULATIONS

The Contractor must comply with all laws and regulations applicable to provision of services specified in the Contract Documents. The Contractor must be familiar with all federal, state and local laws, rules, regulations, codes, and ordinances that affect the Work.

Where portions of the Work traverse or cross federal, state, county or local highways, roads, streets, or waterways, and the agency in control of such property has established standard specifications, rules or regulations governing items of Work that differ from these specifications, the most stringent specifications, rules and regulations will apply.

C2.03 HOURS FOR PERFORMING WORK

All Work must be performed in accordance with the hours set forth in the Town's noise Ordinance No. 04-50.

Any Work to be performed outside these hours will require the prior written approval of the Project Manager.

C2.04 SUBCONTRACTOR(S)

Subcontractor(s) is an individual or company who has a contract with the Bidder to assist in the performance of the Work required under this ITB. Subcontractor(s) will be paid through the Bidder and not paid directly by the Town. The Bidder must clearly reflect in its submittal the major Subcontractor(s) to be utilized in the performance of the Work. All subcontractors must be pre-qualified by FDOT for work

classes corresponding to the services they will provide. **Bidder is prohibited from subcontracting more than sixty percent (60%) of the Work required under this ITB.**

Any and all liabilities regarding the use of a Subcontractor(s) will be borne solely by the Successful Bidder and insurance for each Subcontractor(s) must be maintained in good standing and approved by the Town throughout the duration of the Contract. Neither the Contractor nor any of its Subcontractor(s) are considered to be considered employees or agents of the Town.

Contractor is solely responsible for all acts and omissions of its Subcontractors. Nothing in the Contract Documents creates any contractual relationship between any Subcontractor and the Town. Contractor is responsible for the timely payment of its Subcontractors and suppliers as required by Florida Statute Chapter 218.735. Failure to comply with these payment requirements will place the Contractor in default of the Contract.

Contractor must not employ any subcontractor against whom Town may have a reasonable objection.

Contractors are expressly prohibited from substituting Subcontractor(s) contained in their submittal prior to the award of an Agreement. Such substitution, for any reason, after receipt of the submittal, and prior to award by the Town, will result in disqualification of the submittal from further consideration for award. Substitutions made after award of an Agreement requires the prior written approval of the Town and/or FDOT, as applicable.

C2.05 CONSULTANT SERVICES

The Town, at its sole discretion may hire a Consultant who may serve as the Town's representative for the Project. Where a Consultant has been identified, the Consultant and the Project Manager will both have authority to act on behalf of the Town to the extent provided in the Contract Documents and as outlined in Article C2.06, Authority of the Project Manager, of the General Terms and Conditions, where such authority has been delegated in writing by the Town Manager.

C2.06 AUTHORITY OF THE PROJECT MANAGER

The Town Manager hereby authorizes the Project Manager to determine, all questions of any nature whatsoever arising out of, under or in connection with, or in any way relating to or on account of the Work, and questions as to the interpretation of the Work to be performed under the Contract Documents. The Project Manager may delegate some of the authority contained in this Article to the Consultant.

The Contractor is bound by all determinations or orders of the Project Manager and must promptly respond to requests of the Project Manager, including the withdrawal or modification of any previous order, and regardless of whether the Contractor agrees with the Project Manager's determination or requests. Where requests are made orally, the Project Manager will follow up in writing, as soon thereafter as is practicable.

The Project Manager and Consultant have authority to act on behalf of the Town to the extent provided by the Contract, unless otherwise modified in writing by the Town. All instructions to the Contractor will be issued in writing. All instructions to the Contractor will be issued through the Town Manager or designee or the Project Manager.

The Project Manager will not be responsible for construction means, methods, techniques, sequences or procedures, or for safety precautions and programs in connection with the Work, and will not be responsible for the Contractor's failure to carry out the Work in accordance with the Contract Documents.

All interpretations and recommendations of the Project Manager and Consultant will be consistent with the intent of the Contract Documents.

Interpretation of the Contract terms and conditions will be issued by the Town's Procurement Manager.

The Project Manager and Consultant will have authority to reject Work that does not conform to the Contract Documents. Whenever, in their opinion, it is considered necessary or advisable to ensure the proper completion of the Work the Project Manager or Consultant have authority to require special inspections or testing of the Work, whether or not such Work is fabricated, installed or completed.

The Project Manager's authority to act under this paragraph, or any decision made in good faith either to exercise or not to exercise such authority, give rise to any duty or responsibility of the Project Manager to the Contractor, any subcontractor, supplier or any of their agents, employees, or any other person performing any of the Work.

The Project Manager is not responsible for the acts or omissions of the Contractor, any Subcontractor, or any of their agents or employees, or any other persons performing any of the Work.

C2.07 HURRICANE PREPAREDNESS

During such periods of time as are designated by the United States Weather Bureau or Miami Dade County as being a severe weather event, including a hurricane watch or warning, the Contractor, at no cost to the Town, must take all precautions necessary to secure any Work in response to all threatened storm events, regardless of whether the Contractor has given notice of same, in accordance with the Miami-Dade County Code.

Compliance with any specific severe weather event or alert precautions will not constitute additional work.

Suspension of the Work caused by a threatened or actual storm event, regardless of whether the Town has directed such suspension, will entitle the Contractor to additional Contract time as non-compensable, Excusable Delay, and will not give rise to a claim for compensable delay.

C2.08 INDEPENDENT CONTRACTOR

The Contractor is engaged as an independent business and agrees to perform Work as an independent contractor. In accordance with the status of an independent contractor, the Contractor covenants and agrees that the Contractor will conduct business in a manner consistent with that status, that the Contractor will not claim to be an officer or employee of the Town for any right or privilege applicable to an officer or employee of the Town, including, but not limited to: worker's compensation coverage; unemployment insurance benefits; social security coverage; retirement membership, or credit.

C2.09 THIRD PARTY BENEFICIARIES

Neither Contractor nor Town intends to directly or substantially benefit a third party by this Contract. Therefore, the parties agree that there are no third party beneficiaries to this Contract and that no third party will be entitled to assert a claim against either of them based upon this Contract.

C2.10 ASSIGNMENT OR SALE OF CONTRACT

The performance of this Contract will not be transferred pledged, sold, delegated or assigned, in whole or in part, by the Contractor without the prior written consent of the Town. It is understood that a sale of the majority of the stock or partnership shares of the Contractor, a merger or bulk sale, an assignment for the benefit of creditors will each be deemed transactions that would constitute an assignment or sale hereunder. The Town may request any information it deems necessary to review any request for assignment or sale of the Contract.

The Contractor must notify the Project Manager prior to any Assignment of the Contract, which must be approved by the Town for the transfer of the Contract. The Town may, at its sole discretion, elect not to approve the transfer of the Contract, which will result in the Contract being terminated in accordance

with the Termination for Convenience provision of the Contract. Any transfer without Town approval will be cause for the Town to terminate this Contract for default and the Contractor will have no recourse from such termination.

Nothing herein will either restrict the right of the Contractor to assign monies due to, or to become due or be construed to hinder, prevent or affect any assignment by the Contractor for the benefit of its creditors, made pursuant to applicable law.

C2.11 TIME FOR COMPLETION

Time is of the essence with regard to completion of the Work to be performed under the Contract. Delays and extensions of time may be allowed only in accordance with the provisions of the Contract. Contractor will promptly perform its duties under the Contract and will give the Work as much priority as is necessary to cause the Work to be completed on a timely basis in accordance with the Contract Documents.

The date and period of time set forth in the Contract for the commencement, and completion of Work was included because of its importance to the Town.

C2.12 APPLICABLE LAW AND VENUE OF LITIGATION

This Contract will be enforceable in Miami-Dade County, Florida, and if legal action is necessary by either party with respect to the enforcement of any or all of the terms or conditions the sole venue will be Miami-Dade County, Florida.

C2.13 NON-EXCLUSIVE CONTRACT

It is the intent of the Town to enter into a Contract with all successful Bidder(s) that will satisfy its needs as described herein. However, the Town reserves the right, as deemed in its best interest, to perform, or cause to be performed, the Work and services, or any portion thereof, as it sees fit, including but not limited to: award of other contracts, use of another contractor, or perform the Work with its own employees.

C2.14 SEVERABILITY

In the event any provision of the Contract Documents is determined by a Court of competent jurisdiction to be illegal or unenforceable, then such unenforceable or unlawful provision will be excised from this Contract, and the remainder of the Contract Documents will continue in full force and effect. Notwithstanding the foregoing, if the result of the deletion of such provision will materially and adversely affect the rights of either party, such party may elect, at its option, to terminate the Contract in its entirety. An election to terminate the Contract based upon this provision must be made within seven (7) calendar days after the finding by the Court becomes final.

C2.15 CONTRACT DOCUMENTS CONTAINS ALL TERMS

The Contract Documents and all documents incorporated herein by reference contain all the terms and conditions agreed upon by the parties hereto, and no other agreement, oral or otherwise, regarding the subject matter of the Contract Documents will be deemed to exist or to bind any of the parties hereto, or to vary any of the terms contained herein.

C2.16 ENTIRE AGREEMENT

The Contract Documents, as they may be amended from time to time, represent the entire and integrated Contract between the Town and the Contractor and supersede all prior negotiations, representations or agreements, written or oral. This Contract may not be amended, changed, modified, or otherwise altered in any respect, at any time after the execution hereof, except by a written document executed with the same formality and equal dignity herewith. Waiver by either party of a

breach of any provision of the Contract Documents will not be deemed to be a waiver of any other breach of any provision of the Contract Documents.

C2.17 ROYALTIES AND PATENTS

All fees, royalties, and claims for any invention, or pretended inventions, or patent of any article, material, arrangement, appliance, or method that may be used upon or in any manner be connected with the construction of the Work or appurtenances, are hereby included in the prices stipulated in the Contract for said Work.

C2.18 INTELLECTUAL PROPERTY

C2.18(i) Notice of Intellectual Property Interests

The Contractor's Response 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 Response development, have or may have that are in whole or in part implicated in the Response. 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.

C2.18(ii) Town and FDOT's Future Rights to a Response

Notwithstanding Section C2.18(i) nor any other provision of this Contract, upon acceptance of a Response, the Contractor hereby grants to the Town, or the FDOT, and their contractors 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 Response on any and all existing and future construction projects and any other Town or FDOT projects.

Contractor shall hold harmless, indemnify and defend the Town, the State of Florida, the FDOT, and their 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 Section C2.18(i), unless the Town or FDOT has by express written exception in the Response acceptance process specifically released the Contractor from such obligation to hold harmless, indemnify and defend as to one or more disclosed intellectual property rights.

C2.19 INTENTION OF THE TOWN

It is the intent of the Town to describe in the ITB the Work to be completed in accordance with all codes and regulations governing all the Work to be performed under this Contract. Any work, labor, materials and/or equipment that may reasonably be inferred from the Contract as being required to produce the intended results must be supplied by Contractor whether or not specifically called for in the Contract Documents. Where words, which have well-known technical or trade meanings are used to describe Work, materials or equipment, such words will be interpreted in accordance with that meaning. Reference to standard specifications, manuals, or codes of any technical society, organization or association, or to the laws or regulations of any governmental authority, whether such reference be

specific or by implication, will mean the latest standard specification, manual, code or laws or regulations in effect at the time of opening of Proposals and Contractor must comply therewith. Town will have no duties other than those duties and obligations expressly set forth within the Contract Documents.

C3 INDEMNITY, INSURANCE & BONDS

C3.01 INDEMNIFICATION

To the fullest extent permitted by law, the Contractor shall indemnify and hold harmless the Town, the State of Florida, Department of Transportation and their 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 performance of this Contract.

C3.02 CONTRACTOR'S RESPONSIBILITY FOR DAMAGES TO THE WORK

Contractor accepts full responsibility for Work against all losses or damages of whatever nature sustained until acceptance by Town Manager or designee, and must promptly repair or replace, at no additional cost to the Town any Work, materials, equipment, or supplies damaged, lost, stolen, or destroyed from any cause whatsoever.

Contractor is full responsible for Work against all losses or damages of whatever nature sustained until acceptance by Town, and must promptly repair or replace, at no additional cost to the Town any Work, materials, equipment, or supplies damaged, lost, stolen, or destroyed from any cause whatsoever.

C3.03 DEFENSE OF CLAIMS

Should any claim be made or any legal action brought in any way relating to the Work under the Contract, the Contractor will diligently render to the Town any and all assistance which the Town may require of the Contractor.

C3.04 INSURANCE

Without limiting any of the other obligations or liabilities of Contractor, the Contractor must secure and maintain throughout the duration of this Contract, insurance of such type and in such amounts necessary to protect its interest and the interest of the Town against hazards or risks of loss as specified below. The underwriter of such insurance must be qualified to do business in the State of Florida, be rated "B" as to management and "Class V" as to strength or better as rated by the latest edition of Best's Insurance Guide, published by A.M. Best Company, Oldwick, New Jersey, or its equivalent, The insurance carrier must have agents upon whom service of process may be made in the State of Florida. The insurance coverage will be primary insurance with respect to the Town, its officials, employees, agents and volunteers. Any insurance maintained by the Town will be in excess of the Contractor's insurance and will not contribute to the Contractor's insurance. The insurance coverages must include a minimum of:

C3.04(i) *Worker's Compensation and Employer's Liability Insurance:*

Coverage to apply for all employees for statutory limits as required by the State of Florida's Statutory Workers' Compensation Law and all applicable Federal laws. The policy(ies) must include Employer's Liability with minimum limits of \$500,000 each accident and a waiver of subrogation.

C3.04(ii) *Employer's Liability:*

Limit for each bodily injury by an accident must be \$1,000,000 policy limit for each accident, per employee, including bodily injury caused by disease.

C3.04(iii) Comprehensive Business Automobile and Vehicle Liability Insurance:

This insurance must be written in comprehensive form and must protect the Contractor and the Town against claims for injuries to members of the public and/or damages to property of others arising from the Contractor's use of motor vehicles or any other equipment and must cover operation with respect to onsite and offsite operations and insurance coverage must extend to any motor vehicles or other equipment irrespective of whether the same is owned, non-owned, or hired. The limit of liability must not be less than \$500,000 per occurrence, combined single limit for Bodily Injury Liability and Property Damage Liability. Coverage must be afforded on a form no more restrictive than the latest edition of the Business Automobile Liability Policy, without restrictive endorsement, as filed by the Insurance Services Office.

C3.04(iv) Commercial General Liability ("CGL").

This insurance must be written in comprehensive form and must protect the Contractor and the Town against claims arising from injuries to members of the public or damage to property of others arising out of any act or omission to act of the Contractor or any of its agents, employees, or subcontractors. The limit of liability must not be less than \$1,000,000 per occurrence, combined single limit for Bodily Injury Liability and Property Damage Liability. Coverage must be afforded on a primary and non-contributory basis and with a coverage form no more restrictive than the latest edition of the Commercial General Liability Policy, without restrictive endorsements, as filed by the Insurance Services Office, and must include: (1) Premises and/or Operations; (2) Independent contractors and Products and/or completed Operations; (3) Broad Form Property Damage, Personal Injury and a Contractual Liability Endorsement, including any hold harmless and/or indemnification agreement.

1. Products and/or Completed Operations for contracts with an Aggregate Limit of **One Million Dollars (\$1,000,000)** per project. Contractor must maintain in force until at least three years after completion of all Work required under the Contract, coverage for Products and Completed Operations, including Broad Form Property Damage.
2. Personal and Advertising Injury with an aggregate limit of **One Million Dollars (\$1,000,000)**.
3. CGL Required Endorsements
 - a. Employees included as insured
 - b. Contingent Liability/Independent Contractors Coverage
 - c. Contractual Liability
 - d. Waiver of Subrogation
 - e. Premises and/or Operations
 - f. Explosion, Collapse and Underground Hazards (if not specifically covered under the policy)
 - g. Loading and Unloading
 - h. Mobile Equipment (Contractor's Equipment) whether owned, leased, borrowed or rented by Contractor or employees of the Contractor.

Town is to be expressly included as an **Additional Insured** pursuant to endorsement number CG 2010 11/85 or its equivalence.

C3.04(v) Umbrella Policy.

Contractor must maintain an umbrella policy with an aggregate limit of **Three Million Dollars (\$3,000,000)**.

C3.04(vi) Certificate of Insurance

Contractor must provide the Town Manager or designee with Certificates of Insurance for all required policies within fifteen (15) days of notification of a conditional award by the Town. The Certificates of Insurance must not only name the types of policy(ies) provided, but also must specifically cite this Contract and must state that such insurance is as required by this Contract. The Town reserves the right to require the Contractor to provide a certified copy of such policies, upon written request by the Town. Each policy certificate must be endorsed with a provision that not less than thirty (30) calendar days' written notice must be provided to the Town before any policy or coverage is cancelled, restricted, or a material change is made. Acceptance of the Certificate(s) is subject to approval of the Town Manager or designee.

C3.04(vii) Additional Insured

The Town is to be specifically included as an Additional Insured for the liability of the Town resulting from operations performed by or on behalf of Contractor in performance of this Contract. The Town must be named as additional insured under the CGL, business automobile insurance and umbrella policies. Town must be named as an additional insured under Contractor's insurance, including that applicable to the Town as an Additional Insured, must apply on a primary basis and any other insurance maintained by the Town will be in excess of and will not contribute to Contractor's insurance. Contractor's insurance must contain a severability of interest provision providing that, except with respect to the total limits of liability, the insurance must apply to each Insured or Additional Insured in the same manner as if separate policies had been issued to each.

All deductibles or self-insured retentions must be declared to and be approved by the Town Manager. The Contractor will be responsible for the payment of any deductible or self-insured retention in the event of any claim.

C3.05 PERFORMANCE/PAYMENT BOND

Contractor must within fourteen (14) calendar days of being notified of award, furnish a Performance/Payment containing all the provisions of the attached Performance/Payment forms.

The Performance and Payment Bonds ("Bonds") must be in the amount of one hundred percent (100%) of the Contract value guaranteeing to the Town the completion and performance of the Work covered in the Contract as well as full payment of all suppliers, laborers, or subcontractors employed pursuant to this Project(s). Each Bond must be with a Surety, which is qualified pursuant to Article C3.06, Surety Qualifications.

Each Bond must continue in effect for one year after Final Completion and acceptance of the Work with liability equal to one hundred percent (100%) of the Contract value, or an additional bond must be conditioned that Contractor will, upon notification by Town, correct any defective or faulty work or materials which appear within one year after Final Completion of the Project.

The Town must be listed as an Obligee.

Pursuant to the requirements of Section 255.05(1)(a), Florida Statutes, as may be amended from time to time, Contractor must ensure that the bond(s) referenced above must be recorded in the public records and provide Town with evidence of such recording.

Alternate Form of Security:

In lieu of the Bonds, Contractor may furnish alternate forms of security, which may be in the form of cash, money order, certified check, cashier's check or an unconditional letter of credit. Such alternate forms of security will be subject to the prior approval of Town and for same purpose and will be subject to the same conditions as those applicable above and will be held by Town for one year after completion and acceptance of the Work.

C3.06 SURETY QUALIFICATIONS

Each required Bond must be executed by a surety company of recognized standing, authorized to do business in the State of Florida as surety, having a resident agent in the State of Florida and having been in business with a record of successful continuous operation for at least five (5) years.

The Surety must hold a current certificate of authority as acceptable surety on federal bonds in accordance with United States Department of Treasury Circular 570, Current Revisions. If the amount of the Bond exceeds the underwriting limitation set forth in the circular, in order to qualify, the net retention of the Surety must not exceed the underwriting limitation in the circular, and the excess risks must be protected by coinsurance, reinsurance, or other methods in accordance with Treasury Circular 297, revised September 1, 1978 (31 DFR Section 223.10, Section 223.111). Further, the Surety must provide Town with evidence satisfactory to Town, that such excess risk has been protected in an acceptable manner.

The Town will accept a surety bond from a company with a rating of "B+" or better and a Financial Size Category of "Class II", provided, however, that if any surety company appears on the watch list that is published quarterly by Intercom of the Office of the Florida Insurance Commissioner, the Town will review and either accept or reject the surety company based on the financial information available to the Town. A surety company that is rejected by the Town may be substituted by the Bidder with a surety company acceptable to the Town, only if the Bid amount does not increase.

C4 SITE ISSUES

C4.01 SITE INVESTIGATION AND REPRESENTATION

It is the responsibility of the Contractor to satisfy itself as to the nature and location(s) of the Work prior to commencement of Work on the site, the general and local conditions, particularly those bearing upon availability of installation, transportation, disposal, handling and storage of materials, and all other matters which can in any way affect the Work or the cost thereof under the Contract Documents.

Work site(s) may have existing utilities, such as, but not limited to, irrigation, phone, water and sewer, CATV, traffic signals, electrical, and storm sewer. Known utilities and structures adjacent to or encountered in the Work will be shown on the Drawings. The locations shown are taken from existing records and the best information available from existing plans and utility investigations; however, it is expected that there may be some discrepancies and omissions in the locations and quantities of utilities and structures shown. Those shown are for the convenience of the Contractor only, and no responsibility is assumed by the Town for their accuracy or completeness. No request for additional compensation or Contract time resulting from encountering utilities not shown will be considered.

It is the responsibility of the Contractor to verify the location of all such utilities, structures, etc., by hand excavation or other appropriate measures before performing any Work. The Contractor must call Sunshine State One Call of Florida, Inc. and other appropriate agencies, as applicable, prior to the commencement of any excavation or digging to determine the locations of existing utilities prior to the commencement of any Work. The Contractor is responsible for any and all claims resulting from the damage caused to any utilities, identified or not.

Should the Contractor identify any utilities, structures, etc., which will or may be encountered during the performance of the Work, the Town must be consulted immediately in order for a decision to be made on the potential relocation or other action(s) to be taken as it relates to the work.

Should the Town direct the Contractor to relocate any utilities that would be impacted by any Work then the Town will compensate the Contractor for such relocation in accordance with the Change Order provisions of the Contract.

The Contractor will not purposefully disrupt or disconnect any type of utility whatsoever without first obtaining the prior written approval of the Town or applicable utility owner. Requests for any disconnection, including those required of other utilities must be in writing and received by the Town at least seventy-two (72) hours prior to the time of the requested interruption. The Town may require that the Contractor notify, in writing, any property owners to be impacted by service interruptions to their utilities.

Any failure by the Contractor to familiarize itself with any utilities that may impact the performance of the Work will not relieve Contractor from responsibility for properly estimating the difficulty or cost of performing the Work and will not entitle the Contractor to any additional compensation.

C4.02 METHOD OF PERFORMING THE WORK

The apparent silence of the Contract Documents as to any detail, or the apparent omission from them of a detailed description concerning any Work to be done and materials to be furnished, will be regarded as meaning that only the best general practice is to prevail and that only material and workmanship of the best quality is to be used, and interpretation of the Contract Documents will be made upon that basis.

The Contractor must comply with the manufacturer's requirements for the handling, delivery and storage of all equipment and materials. Contractor must inspect all equipment and materials immediately prior to installation and must not install any damaged or defective items.

Contractor must comply with the manufacturer's applicable instructions and recommendations for the performance of the Work, to the extent that these instructions and recommendations are more explicit or more stringent than requirements indicated in the Contract Documents.

The Contractor must familiarize itself with normal Town operations where the Work is to be performed so that it can conduct the Work in the best possible manner to the complete satisfaction of the Project Manager.

The Work to be performed must be done in such a manner so as not to interfere with the normal Town operations. The manner in which the Work is performed will be subject to the approval of the Project Manager, whom if necessary, will have the authority to require changes in the manner in which the Work is performed. There must be no obstruction of Town services without the prior written approval of the Project Manager. All requests for such interruption or obstruction must be given in writing to the Project Manager twenty-four (24) hours in advance of the interruption of Town operations.

If the Project Manager or Consultant reasonably determines the rate of progress of the Work is not such as to ensure its completion within the designated completion time, or if, in the opinion of the Project Manager, the Contractor is not proceeding with the Work diligently or expeditiously or is not performing all or any part of the Work according to the Project schedule accepted by or determined by the Project Manager, the Project Manager will have the right to order the Contractor to do either or both of the following: (1) improve its work force; and/or (2) improve its performance in accordance with the schedule to ensure completion of the Project within the specified time. The Contractor must immediately comply with such orders at no additional cost to the Town. (3) The Town at its sole option

may also have Work performed by a third party contractor and deduct such cost from any monies due the Contractor.

Where materials are transported in the performance of the Work, vehicles must not be loaded beyond the capacity recommended by the vehicle manufacturer or permitted by Federal, State or local law(s). When it is necessary to cross curbing or sidewalks, protection against damage must be provided by the Contractor and any damaged curbing, drainage, grass areas, sidewalks or other areas must be repaired at the expense of the Contractor to the satisfaction of the Project Manager.

Contractor is responsible to control dust and prevent it from becoming a public nuisance or causing off-site damage. Contractor must take all necessary and prudent measure to control dust.

Depending on the nature of the Work the Project Manager may require a staging plan be submitted to and approved by the Project Manager prior to the start of construction and issuance of the Notice to Proceed. Such staging plan must be revised and resubmitted as necessary during construction.

C4.03 DIFFERING SITE CONDITIONS

In the event that during the course of the Work on a Project the Contractor encounters subsurface or concealed conditions at the Project site which differ materially from those shown in the Contract Documents, and from those ordinarily encountered and generally recognized as inherent in work of the character called for in the Contract Documents, Contractor, without disturbing the conditions and before performing any Work affected by such conditions, must, within twenty-four (24) hours of its discovery, notify the Project Manager and/or Consultant in writing of the existence of the aforesaid conditions. Project Manager or the Consultant must, within two (2) business days after receipt of Contractor's written notice, investigate the site conditions identified by Contractor. If, in the sole opinion of Project Manager or the Consultant, the conditions do materially so differ and cause an increase or decrease in Contractor's cost of, or the time required for, the performance of any part of the Work, whether or not charged as a result of the conditions, Project Manager or Consultant will recommend an equitable adjustment to cost of the Work or the time to complete the Work, or both. If the Project Manager and Contractor cannot agree on an adjustment in the Contract Price and/or Contract Time, the adjustment will be referred to the Town's Procurement Manager for determination. Should the Town's Procurement Manager determine that the conditions of the Project site are not so materially different to justify a change in the terms of the Contract Documents, the Procurement Manager will so notify the Project Manager, Consultant, and Contractor in writing, stating the reasons, and such determination will be final and binding upon the parties hereto.

No request by Contractor for an equitable adjustment to the Contract Documents under this provision will be allowed unless Contractor has given written notice in strict accordance with the provisions of this Article. No request for an equitable adjustment or change to the Contract Price or Contract Time for differing site conditions will be allowed if made after the date certified by Consultant or Project Manager as the date of substantial completion.

C4.04 PROTECTION OF PROPERTY, UTILITIES, AND THE PUBLIC

The Contractor must continuously maintain adequate protection of all its Work from all losses or damage and must protect public and private property, and utilities from injury or loss arising in connection with the Work, and take all necessary precautions to prevent accidents, injuries, or damage to persons or property on or near the Work.

Contractor is solely responsible to restore all areas impacted by the Work, including but not limited to swale areas, existing structures, driveways and approaches, landscaping, drainage, and lighting to pre-existing conditions to the satisfaction of the Project Manager.

C4.05 CONTRACTOR'S RESPONSIBILITY FOR UTILITY PROPERTIES AND SERVICE

Where the Contractor's operations could cause damage or inconvenience to telephone, fiber optic, television, electrical power, oil, gas, water, sewer, or irrigation systems, the Contractor must make all arrangements necessary for the protection of these utilities and services or any other known utilities.

Notify all utility companies that are affected by the construction operation at least forty-eight (48) hours in advance. Under no circumstance expose any utility without first obtaining permission from the appropriate agency. Once permission has been granted, locate, expose, and provide temporary support for all existing underground utilities and utility poles where necessary.

The Contractor and its Subcontractors will be solely and directly responsible to the owner and operators of such properties for any damage, injury, expense, loss, inconvenience, delay, suits, actions, or claims of any character brought because of any injuries or damage which may result from the construction operations under the Contract Documents.

Neither the Town nor its officers or agents will be responsible to the Contractor for damages as a result of the Contractor's failure to protect property encountered in the Work.

In the event of interruption to domestic water, sewer, storm drain, or other utility services as a result of accidental breakage due to construction operations, Contractor must promptly notify the owner, any required regulatory authority, and the Project Manager. Cooperate with said authority in restoration of service as promptly as possible and bear all costs of repair and any required interim measures to ensure safety. In no event will interruption of any utility service be allowed unless granted by the owner of the utility.

In the event water service lines that interfere with trenching are encountered, the Contractor may, by obtaining prior approval of the water utility, cut the service, dig through, and restore the service with similar and equal materials at the Contractor's expense and as approved by the Project Manager.

Replace, with material approved by the Project Manager or Consultant, at Contractor's expense, any and all other laterals, existing utilities or structures removed or damaged during construction, unless otherwise provided for in the Contract Documents and as approved by the Project Manager or Consultant.

Replace with material approved by the Project Manager or Consultant, at Contractor's expense, any existing utilities damaged during the Work.

C4.06 ACCESS TO WATER AND UTILITIES

The Contractor is responsible for providing all water and power required for the performance of the Work, including the use of a generator. The use of a generator may be subject to the prior approval of the Town's representative should the Work be in a primarily residential neighborhood. Electrical power required during construction shall be installed by a qualified electrical contractor approved by the Project Manager.

The Town may at its sole discretion provide access to Town utilities or water should such be available at the Work site. However, the Contractor is responsible to ascertain the location and accessibility of any utilities and potable water sources necessary to perform the Work.

C4.07 COORDINATION OF THE WORK

Prior to the commencement of the Work, the Project Manager will make every effort, based on available information, to notify the Contractor of any ongoing or scheduled project(s) that will be ongoing or commence during the Work on a Project that may require coordination. The Contractor will be solely responsible for coordinating the Work with any other project(s) to minimize any potential adverse impact. Contractor will not be entitled to any days of delay for failure to properly coordinate the Work.

The Project Manager may assist the Contractor in coordinating the Work. However, any such assistance, or lack thereof will not form the basis for any claim for delay or increased cost.

If any part of Contractor's Work depends for proper execution or results upon the work of any other persons, Contractor must inspect and promptly report to Project Manager any defects in such work that render it unsuitable for such proper execution and results. Contractor's failure to so inspect and report will constitute an acceptance of the other person's work as fit and proper for the reception of Contractor's Work, except as to defects which may develop in other contractor's work after the execution of Contractor's Work.

Contractor must conduct its operations and take all reasonable steps to coordinate the prosecution of the Work so as to create no interference or impact on any other contractor on the site. Should such interference or impact occur, Contractor will be liable to the affected contractor for the cost of such interference or impact.

To ensure the proper execution of subsequent Work, Contractor must inspect the Work already in place and must at once report to Project Manager any discrepancy between the executed Work and the requirements of the Contract Documents.

C4.08 ACCESS TO THE PROJECT SITE(S)

Town will provide the lands upon which the Work is to be performed, rights-of-way and easements for access thereto and such other lands as are designated by Town for the use of Contractor.

Contractor must provide, at Contractor's own expense and without liability to the Town, any additional land and access thereto that may be required for temporary construction facilities, or for storage of materials. Contractor must furnish to the Town copies of written permission obtained by Contractor from the owners of such facilities.

C4.09 CLEANING UP; TOWN'S RIGHT TO CLEAN UP

Contractor must at all times keep the Work site(s) free from accumulation of excess materials, waste materials or rubbish caused by its operations. At the completion of Work at a work site(s), Contractor must remove all its excess materials, waste materials and rubbish from and about the Project(s) as well as any tools, equipment, machinery and surplus materials or supplies. If Contractor fails to clean up during the performance of the Work or at the completion of the Work, Town may do so and the cost incurred will be charged to the Contractor. Any combustible waste materials must be removed from the work site(s) at the end of each day.

Should the Contractor leave any open trenches at any time that Work is not being performed, the Town may have the open trenches covered and deduct any cost incurred from any outstanding payments due or to become due to the Contractor. The Town may also invoice the Contractor for all costs incurred in mitigating any open trenches.

C4.10 SANITARY PROVISIONS

The Contractor must provide on-site all necessary toilet conveniences, secluded from public observation, for use of all personnel on the Work, whether or not in its employ. Contractor must be kept in a clean and sanitary condition and must comply with the requirements and regulations of the public authorities having jurisdiction. Contractor must commit no public nuisance. Sanitary facilities must be removed by the Contractor at its own expense upon completion of the Work, and the premises must be left clean.

C4.11 MAINTENANCE OF TRAFFIC

Maintenance of Traffic ("MOT") must be performed in accordance with the applicable FDOT Index Numbers (600 Series) and as further stated herein. The manual on Uniform Traffic Control Devices for Streets and Highways (U.S. Department of Transportation, FHWA), must be followed in the design, application, installation, maintenance and removal of all traffic control devices, warning devices and barriers necessary to protect the public and workmen from hazards with the Project limits. Pedestrian and vehicular traffic must be maintained and protected at all times.

Prior to commencement of the Work Contractor must provide the Project Manager the proposed MOT plan for review. The Project Manager may require revisions to the proposed MOT plan. The MOT plan must be updated by the Contractor every two weeks.

Failure by the Contractor to comply with the Maintenance of Traffic requirements will result in the Town issuing a stop work order until corrective action is taken. The Contractor will not be entitled to any additional time resulting in any delays due to issuance of a stop work order.

C4.12 WORK IN STREET, HIGHWAY, & OTHER RIGHTS-OF-WAY

Excavation, grading, fill, storm drainage, paving and any other construction or installations in rights-of-way of streets, highways, public carrier lines, utility lines either aerial, surface or subsurface, etc., must be done in accordance with requirements of the Contract Documents or, if not mentioned, must be restored to their original condition or better. All Work performed is subject to the approval of the Project Manager.

C5 SAFETY ISSUES

C5.01 SAFETY PRECAUTIONS

Contractor is solely responsible for initiating, maintaining and supervising all safety precautions and programs in connection with the Work. Contractor must take all necessary precautions for the safety of, and must provide the necessary protection to prevent damage, injury or loss to:

1. All employees on the Project site and other persons who may be affected thereby;
2. All the Work and all materials or equipment to be incorporated therein, whether in storage on or off the Project site; and
3. Other property at the Project site or adjacent thereto, including trees, shrubs, lawns, walks, pavements, roadways, structures and utilities not designated for removal, relocation or replacement in the course of construction.

The Contractor must take all necessary precautions for the safety of employees in the performance of the Work on, about or adjacent to the premises, and must comply with all applicable provisions of Federal, State, and local laws, including, but not limited to the requirements of the Occupational Safety and Health Act of 1970, and amendments thereto, to prevent accidents or injury to persons on, about or adjacent to the premises where the Work is being performed. Contractor must notify owners of adjacent property and utilities when prosecution of the Work may affect them.

The Contractor must comply with the OSHA "Federal Right to Know" Regulation, 29 CFR 1910, 1915, 1917, 1918, and 1926, regarding informing employees of toxic substances in the workplace, providing training, and emergency procedures.

Contractor must adhere to applicable environmental protection guidelines for the duration of the Work. The Contractor must comply with all codes, ordinances, rules, orders and other legal requirements of public authorities (including OSHA, EPA, DERM, the Town, Miami-Dade County, State of Florida), which bear on the performance of the Work

All open trenches or holes must be properly marked and barricaded to assure the safety of both vehicular and pedestrian traffic. No open trenches or holes are to be left open during nighttime or non-working hours without the prior written approval of the Project Manager.

The Contractor must provide such equipment and facilities as are necessary or required, in the case of accidents, for first aid service to person who may be injured during the Project(s) duration.

Contractor's duties and responsibilities for the safety and protection of the Work must continue until such time as all the completion of the Contract.

C5.02 TRENCH SAFETY ACT

Pursuant to Chapter 90-96 (CS/SB 2626), Laws of Florida, "Trench Safety Act", any person submitting a Bid is required to comply with the requirements of the **FLORIDA TRENCH SAFETY ACT (90-96, LAWS OF FLORIDA)**, Where a Project requires trenching the Contractor must complete the Trench Safety Act Form ("Form") and return the Form to the Project Manager before commencing any Work. Failure to submit said Form will result in the Contractor not being able to proceed with the Work and be potentially be in default of its Contract.

Any costs identified on the Form are not a pay item. The purpose of this form is to gather information on the costs associated with trench safety measures and to insure that the Bidder has considered these costs and included them in its Bid prices. Failure to complete this form may result in the Bid being declared non-responsive.

C5.03 MATERIAL SAFETY DATA SHEETS

In compliance with Chapter 442, Florida Statutes, any toxic substance listed in Section 38F-41.03 of the Florida Administrative Code delivered as a part of the Project must be accompanied by a Material Safety Data Sheet (MSDS) which must be obtained from the manufacturer. The MSDS must include the following information:

1. The chemical name and the common name of the substance.
2. The hazards or other risks in the use of the substance, including:
 - a. The potential for fire, explosion, corrosion, and reaction;
 - b. The known acute and chronic health effects of risks from exposure, including the medical conditions which are generally recognized as being aggravated by exposure to the substance; and
 - c. The primary routes of entry and symptoms of overexposure.
3. The proper precautions, handling practices, necessary personal protective equipment, and other safety precautions in the use of or exposure to the substances, including appropriate emergency treatment in case of overexposure.
4. The emergency procedure for spills, fire, disposal, and first aid.
5. A description in lay terms of the known specific potential health risks posed by the substance intended to alert any person reading this information.

The year and month, if available, that the information was compiled and the name, address, and emergency telephone number of the manufacturer responsible for preparing the information.

C6 PLANS, DOCUMENTS & RECORDS

C6.01 CONTRACTOR TO CHECK PLANS, SPECIFICATIONS AND DATA

Contractor must verify all dimensions, quantities and details shown on any plans, specifications or other data received from Project Manager and must notify the Project Manager of all errors, omissions and discrepancies found therein within three (3) calendar days of discovery. Contractor will not be allowed

to take advantage of any error, omission or discrepancy, as full instructions will be furnished to the Project Manager. Contractor will not be liable for damages resulting from errors, omissions or discrepancies in the Contract Documents unless Contractor recognized such error, omission or discrepancy and knowingly failed to report it to Project Manager.

C6.02 SHOP DRAWINGS AND SUBMITTALS

Contractor is required to submit shop drawings, sketches, samples or product data as required by the Contract Documents.

Contractor is responsible to submit such documents or samples in a timely manner for review by the Project Manager or Consultant. Shop Drawings are to be complete in every detail and clearly identify any deviation from what is required by the Contract Documents. It is the responsibility of the Contractor to submit sufficient information to allow the Project Manager and/or Consultant to properly evaluate and accept the submittal or shop drawing. Receipt of the shop drawings or submittals does not constitute acceptance

Incomplete or partial submittals will not be reviewed. All shop drawings for components of a system must be submitted together for them to be reviewed.

Where professional calculations or certification of performance criteria of materials, systems, and or equipment are required, the Project Manager or Consultant are entitled to rely upon the accuracy and completeness of such calculations and certifications submitted by the Contractor. Calculations, when required, must be submitted in a neat clear and easy format to follow.

Contractor is solely responsible for the accuracy of all shop drawings and submittals and any approval by Project Manager will in no way relieve the Contractor from said responsibility for full compliance with the Contract Documents.

C6.03 TOWN FURNISHED DRAWINGS, SUPPLEMENTAL DRAWINGS AND INSTRUCTIONS

The Town, in its sole discretion, may furnish design drawings. It is the sole responsibility of the Contractor to bring to the immediate attention of the Project Manager any discrepancies between the drawings and existing conditions, excluding hidden or unforeseen conditions, discovered prior to commencing and during the Work. The Contractor is solely responsible for verifying the accuracy of the drawings prior to commencing the Work, and is responsible for any errors or revisions of the Work, which might have been avoided by notifying the Town prior to commencement. This also applies to any revisions or omissions identified by the Contractor. The Contractor must submit all requests for information entitled Request for Information (RFI).

During the performance of the Work, should any errors, omissions, conflicts, ambiguities or discrepancies be found in the drawings and/or specifications, the Project Manager or the Consultant will clarify in writing the intent of the drawings and the Contractor agrees to abide by the Project Manager's interpretation and perform the Work in accordance with the decision of the Project Manager. In such event, the Contractor will be held to have included in its Contract Price the best materials suitable for the purpose and methods of construction.

The Contractor will have no basis for any claim for additional costs resulting from their failure to identify any required revisions, omissions or errors, not identified in writing to the Project Manager prior to commencing the Work.

The Project Manager and Consultant has the right to approve and issue supplemental drawings and instructions setting forth written orders, instructions, or interpretations, provided such Supplemental drawings or instructions involve no change in the Contract price or this Contract time, unless a Change Order is issued in accordance with the Contract Documents.

C6.04 AS-BUILT DRAWINGS

During the Work, Contractor must maintain records of all deviations from the Drawings as approved by the Project Manager or Consultant and prepare two copies of As-Built Record Drawings showing correctly and accurately all changes and deviations made during construction to reflect the Work as it was actually constructed. It is the responsibility of the Contractor to check the As-Built Drawings for errors and omissions prior to submittal to the Town and to certify in writing that the As-Built Record Drawings are correct and accurate, including the actual location of all internal piping, electrical/signal conduits in or below the concrete floor. Indicate the size, depth and voltage in each conduit.

To record actual construction, Contractor must legibly mark on-site structures and site Work as follows:

1. Depths of various elements of foundation in relation to finish first floor datum.
2. All underground piping and ductwork with elevations and dimensions and locations of valves, pull boxes, etc. Changes in location. Horizontal and vertical locations of underground utilities and appurtenances, referenced to permanent surface improvements. Actual installed pipe material, class, etc.
3. Location of internal utilities and appurtenances concealed in the construction, referenced to visible and accessible features of the structure. Air conditioning ducts with locations of dampers, access doors, fans and other items needing periodic maintenance.
4. Field changes in dimensions and details.
5. Changes made by Project Manager's or Consultant's written instructions or by Change Order.
6. Details not on original Contract Drawings.
7. Equipment, conduit, electrical panel locations.
8. Project Manager's or Consultant's schedule changes according to Contractor's records and shop drawings.

Specifications and Addenda: Legibly mark each section to record:

1. Manufacturer, trade name, catalog number and Supplier of each product and item of equipment actually installed.
2. Changes made by Project Manager's or Consultant's written instructions or by Change Order.

Approved Shop Drawings: Provide record copies for each process, equipment, piping, electrical system and instrumentation system.

As-built documents must be updated monthly as a condition precedent to payment. A final survey signed and sealed by a surveyor must be provided to the Town at no additional cost, including digital I (CAD and PDF) versions.

For construction of new building, or building additions, field improvements, and or roadway improvements as-built drawings must be signed and sealed by a Florida Licensed Registered Land Surveyor.

C6.05 RECORD SET

Contractor must maintain in a safe place one record copy and one permit set of the Contract Documents, including, but not limited to, all Drawings, Specifications, amendments, Change Orders, RFIs, and Field Directives, as well as all written interpretations and clarifications issued by the Project Manager, in good order and annotated to show all changes made during construction. The record documents must be continuously updated by Contractor throughout the prosecution of the Work to accurately reflect all field changes that are made to adapt the Work to field conditions, changes resulting from Change Orders, Construction Change Directives, and Field Directives as well as all written interpretations and clarifications, and all concealed and buried installations of piping, conduit and utility services. Contractor must certify the accuracy of the updated record documents. The record documents must be clean and

all changes, corrections and dimensions must be given in a neat and legible manner in red. Upon Final Completion and as a condition precedent to Contractor's entitlement to final payment, the Record Set must be delivered to the Project Manager by the Contractor. The Record Set of Drawing must be submitted in both hard copy and as electronic plot files.

C6.06 ACCESS, REVIEW AND RELEASE OF RECORDS

Town will have the right to inspect and copy, at Town's expense, the books, records, and accounts of Contractor which relate in any way to the Contract. The Contractor agrees to maintain an accounting system that provides for accounting records that are supported with adequate documentation and adequate procedures for determining allowable costs.

C6.06(i) *Public Records*

Bidder affirms, by virtue of bidding, that its Bid is a public record, and the public will have access to all documents and information pertaining to the bid and the solicitation, subject to the provisions of Chapter 119, Florida Statutes. Bidder acknowledges that the Town may provide public access to or provide copies of all documents subject to disclosure under applicable law. If the Project is funded by grants, either partially or fully, records will be made available to the granting agency in accordance with that agency's requirements, when necessary.

Bidder is responsible for claiming applicable exemptions to disclosure as provided by Chapter 119, Florida Statutes, in its Bid by identifying the materials to be protected and providing a reason for why such exclusion from public disclosure is necessary and legal.

C6.06(ii) *Retention and Transfer of Public Records*

Upon termination by the Town or final completion of the Contract the Contractor must, in accordance with Section 119.0701 of the Florida Statutes, transfer to the Town, at no cost, all public records in possession of the Contractor and destroy any duplicate public records that are exempt or confidential and exempt from public records disclosure requirements. All public record stored electronically must be provided in .pdf format or another format acceptable to the Town. Any payments due the Contractor will not be made until the Town receives the public records. Failure to return such documents will result in the documents being subject Chapter 119 of the Florida Statutes

The Contractor must comply with the applicable provisions of Chapter 119, Florida Statutes and Town will have the right to immediately terminate this Contract for the refusal by the Contractor to comply with Chapter 119, Florida Statutes. The Contractor must retain all other records associated with this Contract for a period of five (5) years from the date of termination.

Should the Contractor have any questions related to the application of Chapter 119, Florida Statutes, to the Contractor's duty to provide public records relating to this Contract, contact the Town's custodian of public records at the Office of the Town Clerk 6601 Main Street, Miami Lakes, Florida 33014 either in writing to by telephone at (305) 364-6100 or clerk@miamilakes-fl.gov.

C7 CONTRACTOR RESPONSIBILITIES

C7.01 LABOR AND MATERIALS

Unless otherwise provided herein, Contractor must provide and pay for all materials, labor, water, tools, equipment, light, power, transportation and other facilities and services necessary for the proper execution and completion of the Work. All materials must be new unless otherwise specified in the Contract Documents.

The Contractor will provide competent, suitably qualified personnel to lay out the work and perform construction as required by the Contract Documents. He will at all times maintain good discipline and order at the site.

C7.01(i) Minimal Disturbance

All Work done by the Contractor or any Subcontractor must be done with minimal disturbance to the residents of the Town. The noise level must be kept at reasonable levels. All Contractor personnel and Subcontractors must demonstrate and maintain a courteous and responsible demeanor toward all persons while conducting business in the Town. The Town reserves the right to require the Contractor to permanently remove personnel from Work under the Contract that fail to comply with the requirements of this section.

C7.02 VEHICLES AND EQUIPMENT

Contractor must have on hand at all times clean and in good working order such vehicles, machinery, tools, accessories, and other items necessary to perform the Work under this Contract. The Town may require the repair or replacement of equipment as reasonably necessary.

C7.03 SUPERVISION OF THE WORK

Contractor is responsible for all Project management, including any and all subcontracts necessary to ensure that the Work is performed in accordance with the Contract. Project Management includes, but is not limited to: obtaining bids from subcontractors and suppliers; coordinating the securing of all permits; obtaining licenses and inspections; ensuring that subcontractors comply with the requirements of the Contract; performing the Work in accordance with the Contract to the satisfaction of the Project Manager; paying all subcontractors; obtaining release of liens/claims fees; and obtaining temporary and final Certificates of Occupancy or Completion, as applicable.

Contractor must have a competent English speaking supervisor ("Supervisor") who will represent the Contractor in the field and all directions given to the Supervisor will be as binding as if given to Contractor. Contractor will provide properly licensed personnel where such personnel are required by any rule, regulations, or law. Contractor and the Supervisor will give efficient and sufficient supervision to the Work, using their best skill and attention to ensure the Work is performed in accordance with the Contract Documents.

The Project Manager and the Contractor as necessary during the course of the Work to review and agree upon the Work performed and outstanding issues. The Contractor must publish, keep, and distribute minutes and any comments thereto of each such meeting.

C7.04 TOWN LICENSES, PERMITS AND FEES

In accordance with the Public Bid Disclosure Act, 218.80, Florida Statutes, each license, permit, or fee the Contractor will have to pay the Town before or during the Work or the percentage method or unit method of all licenses, permits and fees required by the Town and payable to the Town by virtue of the Work as part of the Contract are as follows:

1. Contractor must have and maintain during the term of this Contract all appropriate Town licenses. Fees for which must be paid in full in accordance with the Town's Fee structure for such licenses. THERE WILL NOT BE ANY PERCENTAGE REDUCTION OR WAIVING OF TOWN LICENSE FEES.
2. During the performance of this Contract there may be times when the Contractor will be required to obtain a Town permit for such Work. It is the responsibility of the Contractor to insure that he has the appropriate Town permits to perform such work as may become necessary during the

performance of the Work. Any fees related to Town required permits in connection with this Contract will be the responsibility of the Contractor and will be reimbursed by the Town.

Licenses, permits, and fees that may be required by County, State or Federal entities are not included in the above list.

C7.05 TAXES

Contractor must pay all applicable sales, consumer, use and other taxes required by law. Contractor is responsible for reviewing the pertinent state statutes involving state taxes and complying with all requirements.

Contractor shall include all sales and other taxes for which it is liable in its Bid price.

C7.06 REMOVAL OF UNSATISFACTORY PERSONNEL

Contractor must at all times enforce strict discipline and good order among its employees and subcontractors at the Project(s) site(s) and must not employ on any Work any unfit person or anyone not skilled in the Work to which they are assigned.

The Town may make written request to the Contractor for the prompt removal and replacement of any personnel employed or retained by the Contractor, or any or Subcontractor engaged by the Contractor to provide and perform services or Work pursuant to the requirements of the Contract Documents. The Contractor must respond to the Town within five (5) calendar days of receipt of such request with either the removal and replacement of such personnel or written justification as to why that may not occur. The Town will make the final determination as to the removal of unsatisfactory personnel from the Work. The Contractor agrees that the removal of any of such individual(s) does not require the termination or demotion of said individual(s).

C7.07 COMPLIANCE WITH APPLICABLE LAWS

The Contractor must comply with the most recent editions and requirements of all applicable laws, rule, regulations, codes, and ordinances of the Federal government, the State of Florida, Miami-Dade County, and the Town.

C7.08 NONDISCRIMINATION, EQUAL EMPLOYMENT OPPORTUNITY, AND AMERICANS WITH DISABILITIES ACT

Contractor will not unlawfully discriminate against any person, will provide equal opportunities for employment, and comply with all applicable provisions of the Americans with Disabilities Act in its performance of the Work under the Contract. Contractor will comply with all applicable federal, State of Florida, Miami-Dade County, and Town rules regulations, laws, and ordinance as applicable.

C7.09 RELEASE OF LIENS/SUBCONTRACTOR'S STATEMENT OF SATISFACTION

The Contractor warrants and guarantees that title to all Work, materials and equipment covered by an Invoice, whether incorporated in the Project or not, will pass to the Town upon the receipt of payment by the Contractor, free and clear of all liens, claims, security interests or encumbrances and that no Work, materials or equipment will have been acquired by the Contractor or by any other person performing Work at the site or furnishing materials and equipment for the Project, subject to an agreement under which an interest therein or an encumbrance thereon is retained by the seller or otherwise imposed by the Contractor by a Subcontractor or supplier or any other interested party.

The Contractor must, starting with the second (2nd) Invoice, provide the Project Manager completed Partial or Final Releases of Lien/Subcontractor's Statement of Satisfaction Form for the Project. As an option the Contractor may also submit a Consent of Surety if a payment bond has been provided, authorizing the release of payment by the Surety. Failure to submit such documentation will result in

rejection of the Invoice. The Contractor must use the Town's forms, which are available on the Town's website.

Conditional Release of Liens are not accepted by the Town.

C7.10 PURCHASE AND DELIVERY, STORAGE AND INSTALLATION

All materials must be F.O.B. delivered and included in the cost of the Work. The Contractor is solely responsible for the purchase, delivery, off-loading and installation of all equipment and material(s). Contractor must make all arrangement for delivery. Contractor is liable for replacing and damaged equipment or material(s) and filing any and all claims with suppliers. All transportation must comply with all federal, FDOT, Miami-Dade County, and Town rules and regulations.

Contractor is responsible for the protection of all equipment and material(s) from adverse weather conditions, damage, deterioration, and theft until the Work has been accepted by the Town.

No materials will be stored on site without the prior written approval, using the appropriate Town form, by the Project Manager. The Town's Forms are available at the website address identified in Article C8.01.

C7.11 E-VERIFY

Contractor must 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 must 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.

C8 PAYMENT PROCESS

C8.01 COMPENSATION

Contractor can submit an invoice for payment for Work performed once per month for work completed and acceptance by the Project Manager. Contractor may not invoice more than once per month.

Contractor must use the Town's Contractor Payment Application ("Invoice") for all payment requests. Failure to use the Invoice form and full complete the required information will delay payment. Payments will not be made based on statements of accounts.

The Invoice Form is available on the Town's website at http://www.miamilakes-fl.gov/index.php?option=com_content&view=article&id=149&itemid=358.

The Town will take action to pay, reject or make partial payment on an Invoice in accordance with the Florida Local Government Prompt Payment Act. No payments will be due or payable for Work not performed or materials not furnished or where the Work has not been accepted by the Town. If there is a dispute with regard to an invoice, the Town will pay the amount not in dispute and reject the remainder that is in dispute. Contractor is responsible for paying its Subcontractors and suppliers in accordance with the Florida Local Government Prompt Payment Act.

The Contractor will be compensated based on actual Work performed at the prices specified in the Contract.

The acceptance of final payment for a Project constitutes a waiver of all claims by Contractor related to that Project, except those previously made in strict accordance with the provisions of the Contract and identified by Contractor as unsettled at the time of the application for payment.

C8.02 ESTIMATED QUANTITIES

The stated quantities do not reflect the actual quantities to be ordered and the Town has not established any minimum quantities and no guarantee is expressed or implied as to the total quantity of Work to be issued to a Contractor. The Town reserves the right, at its sole discretion, to make adjustment to the number and/or location of the Bid items. The failure of the Town to order any minimum quantities does not form any basis for a claim by the Contractor for lost work or profits.

C8.03 LINE ITEM PRICING

Line item pricing must include all costs, both direct and indirect to perform the Work except for those costs specifically identified as reimbursable costs as stated in Article C8.06. This includes any incidental costs associated with the Work not specifically stated, i.e., the installation of drainage may require backfill and patching, whether permanent or temporary.

The Bid Form contains line item prices and the Bidder is required to Bid on all line items. Where a Bidder fails to provide line item prices for all line items the Bid will be rejected as non-responsive.

C8.04 LINE ITEM QUANTITIES

The estimated quantities will be used solely for bid comparison purposes for the Town to determine the lowest responsive and responsible. No guarantee is expressed or implied as to the total quantity of Work to be issued to a Contractor.

C8.05 ADDITIONAL LINE ITEM PRICING

The Town reserves the right to request price quotes for additional items not contained in the initial award. Should the Town add any additional line items the Town will do so through the Change Order process.

C8.06 REIMBURSIBLE EXPENSES

Certain Project expenses may, or will not be known at the time of award of a Project. The Town will reimburse the Contractor for such costs, which includes:

1. Permits
2. Police Officer costs when not provided by the Town
3. WASD fees
4. DERM fees

Where a permit or the Town requires the Contractor to use a police officer(s) during the performance of the Work the Town will make every effort to furnish police officers at no cost to the Contractor. Where the Town is not able to provide the required police officers the Town will reimburse the Contractor based on the actual cost to the Contractor and the cost is not included in the unit price per item. To be reimbursed the Contractor must submit a copy of documentation substantiating both the cost as well as proof of payment.

Contractor will only be reimbursed for the actual direct cost, without any mark-up.

C8.07 PROGRESS PAYMENTS

Contractor may make application for payment for Work completed during the Project at intervals of not more than one invoice per month or upon completion and Final Acceptance of the Work. Contractor will be paid based on the line item breakdown, contained in the Bid Form, with payments based on actual Work performed. All applications shall be submitted in triplicate and the Contractor shall only use the Town's Contractor Payment Application Form or an invoice format approved by the Town. Supporting evidence to be included with any application for payment shall include, but is not limited to, an updated Project Schedule as required by Article C1.03 and a partial or final release of liens or consent of Surety relative to the Work, which is the subject of the application for payment and any other information

required by the Project Manager. Each application for payment shall be submitted in duplicate for approval.

Ten percent (10%) of all monies earned by Contractor shall be retained by Town until Final Acceptance by the Town. Any interest earned on retainage shall accrue to the benefit of Town. All requests for retainage reduction shall be in writing in a separate stand-alone document.

The Town shall not pay more than five (5%) of the Total Contract price as mobilization should a schedule of values be required of the contractor

Town may withhold, in whole or in part, payment to such extent as may be necessary to protect itself from loss on account of:

1. Defective Work not remedied.
2. Claims filed or reasonable evidence indicating probable filing of claims by other parties against Contractor or Town because of Contractor's performance.
3. Failure of Contractor to make payments properly to Subcontractors or for material or labor.
4. Damage to another contractor not remedied.
5. Liquidated damages and costs incurred by Town and/or Consultant for extended construction administration.
6. Failure of Contractor to provide any and all documents required by the Contract Documents.

Contractor may be paid for materials or equipment purchased and stored at the Project(s) Site(s) or another location, subject to the sole discretion and approval of the Project Manager. Where a payment request is made for materials or equipment not incorporated in the Project, but delivered and suitably stored at the site or at some other location agreed upon in writing, the written documentation must be submitted at the time of request for payment. Payment shall be conditioned upon submission by the Contractor of paid invoices and an executed Material Purchased/Stored On-Premises form to establish the Town's title to such materials or equipment, or otherwise protect the Town's interest, including applicable insurance in the name of Town and transportation to the Project site.

Contractor retains sole liability to replace such stored materials or equipment as a result of damage or loss for any reason.

C8.08 RETAINAGE & RELEASE

Subsequent to the Project Manager determining that fifty (50%) percent of the Work has been completed the Contractor may submit a separate invoice requesting the release of 5% of the retainage withheld and submit a written request that future retainage be reduced to 5%. The Town at its sole discretion may determine that the request for release or reduction of the retainage should not occur.

Subsequent to Final Completion of the Project the Contractor may submit a separate invoice for the release of the retainage. The Town may withhold payment or any portion thereof to offset any fees or costs owed to the Town

C9 CONTRACTOR MODIFICATIONS & DISPUTE PROCESS

C9.01 FIELD DIRECTIVE

The Project Manager may at times issue Field Directives to the Contractor based on visits to the Project Site. Such Field Directive(s) will be issued in writing and the Contractor is required to comply with the directive. Where the Contractor believes that the directive is outside the scope of the Work, the Contractor must, within 48 hours, notify the Project Manager that the work covered by the Field Directive is outside the scope of the Work. At that time the Field Directive may be rescinded by the Project Manager or the Contractor may be required to submit a request for a change to the Contract.

Where the Contractor is notified of the Town's position that the Work is within the scope and the Contractor disagrees, the Contractor may notify the Project Manager that the Contractor reserves the right to make a claim for the time and monies based on the Field Directive, in accordance with the requirements of Article C8.06. At no time will the Contractor refuse to comply with the Field Directive. Failure to comply with the Field Directive may result in a determination that the Contractor is in default of the Contract.

C9.02 CHANGE ORDERS

Without invalidating the Contract Documents and without notice to any Surety, the Town reserves and has the right, from time to time, to make such increases, decreases or other changes in the character or quantity of the Work under the Contract Documents as may be considered necessary or desirable to complete the Work in a manner satisfactory to the Town. The Town reserves the right to order changes which may result in additions to or reductions from the amount, type or value of the Work shown in the Contract, and which are within the general scope of the Contract Documents, and all such changes will be authorized only by a Change Order approved in advance, and issued in accordance with provisions of the Town.

The Contractor is required to provide the Project Manager with a detailed Change Proposal Request ("CPR") or Request For Change Order ("RCO"), utilizing the Town's standard form, which must include requested revisions to the Contract, including but not limited to adjustments in this Contract Price and Contract Time. The Contractor is required to provide sufficient data in support of the cost proposal demonstrating its reasonableness. In furtherance of this obligation, the Town may require that the Contractor submit any or all of the following: a cost breakdown of material costs, labor costs, labor rates by trade, and Work classification and overhead rates in support of Contractor's CPR/RCO. The Contractor's CPR/RCO must include any schedule revisions and an explanation of the cost and schedule impact of the proposed change on the Project. If the Contractor fails to notify the Project Manager of any schedule changes associated with the proposed change, it will be deemed to be an acknowledgment by Contractor that the proposed work will not have any scheduling consequences.

Any changes to the Contract must be contained in a written Change order, using the Town's Change Order Form, executed by the both parties. However, under circumstances determined necessary by the Town, a Change Orders may be issued unilaterally by Town.

In the event a satisfactory adjustment cannot be reached and a Change Order has not been issued or time is of the essence, the Town reserves the right, at its sole option to direct the Contractor to proceed on a time and materials basis or make such arrangements as may be deemed necessary to complete the proposed additional Work.

Where the Town directs the Contractor to proceed on a time and materials basis, Contractor must maintain detailed records of all labor and material costs for review by the Town.

For all Change Orders the Contractor will be entitled to a combined profit and overhead rate for Change Orders that will not be in excess of ten (10%) percent inclusive of all direct/indirect costs including labor, material, and equipment costs, unless the Procurement Manager determines that the complexity and risk of the Change Order work is such that an additional factor is appropriate.

The final amount to be paid to the Contractor for Change Order Work is subject to negotiation between the Town and the Contractor.

Failure by the Contractor to proceed with Change Order Work when so directed by the Town Manager or designee may result in the Contractor being found in default of the Contract.

Contractor must utilize the Town's standard requests for change orders and change order forms unless otherwise specifically approved by the Town's Procurement Manager. The Town's Forms are available at the website address identified in Article C8.01.

C9.03 FORCE MAJEURE

Should any failure to perform on the part of Contractor be due to a condition of Force Majeure as that term is interpreted under Florida law, then, the Town may allow an extension of time reasonably commensurate with the cause of such failure to perform or cure.

If the Contractor is delayed in performing any obligation under the Contract Documents due to a force majeure condition, the Contractor must request a time extension from the Town within two (2) working days of said Force Majeure occurrence. Any time extension will be subject to mutual agreement and will not be cause for any claim by the Contractor for extra compensation unless additional services are required by the Town. Inclement weather, except for significant weather events that adversely impact the critical path of the Project Schedule or completion of the work, and the acts or omissions of Subcontractors or suppliers are not a sufficient basis to request an extension of time under this provision.

C9.04 EXTENSION OF TIME

Any reference in this Article to the Contractor will be deemed to include suppliers, and permitted Subcontractors, whether or not in privity of contract with the Contractor for the purpose of this Article.

If the Contractor is delayed at any time during the progress of the Work beyond the time frame or date of completion under the Contract by the neglect or failure of the Town or by a Force Majeure, then the Contract Time set forth in the Contract will be extended by the Town subject to the following conditions:

1. The cause of the delay arises after issuance of the NTP and could not have been anticipated by the Contractor by reasonable investigation before proceeding with the Work;
2. The Contractor demonstrates that the completion of the Work will be actually and necessarily delayed;
3. The effect of such cause cannot be avoided or mitigated by the exercise of all reasonable precautions, efforts and measures whether before or after the occurrence of the cause of delay.

A delay meeting all the conditions of the above, will be deemed an Excusable Delay.

The Town reserves the right to rescind or shorten any extension previously granted if subsequently, the Project Manager determines that any information provided by the Contractor in support of a request for an extension of time was erroneous; provided however, that such information or facts, if known, would have resulted in a denial of the request for an Excusable Delay. Notwithstanding the above, the Project Manager will not rescind or shorten any extension previously granted if the Contractor acted in reliance upon the granting of such extension and such extension was based on information which, although later found to have been erroneous, was submitted in good faith by the Contractor.

The request for an Excusable Delay must be made within five (5) calendar days after the time when the Contractor knows or should have known of any cause for a specific event, for which it may claim an extension of time and must provide any actual or potential basis for an extension of time, identifying such causes and describing, as fully as practicable at that time, the nature and expected duration of the delay and its effect on the completion of that part of the Work identified in the request. The Project Manager may require the Contractor to furnish such additional information or documentation, as the Project Manager will reasonably deem necessary or helpful in considering the requested extension.

The Contractor will not be entitled to an extension of time unless the Contractor affirmatively demonstrates that it is entitled to such extension.

The Project Manager will endeavor to review and respond to the Contractor's request for Excusable Delays in a reasonable period of time; however, the Contractor is obligated to continue to perform the Work required regardless of whether the Project Manager has issued a decision or whether the Contractor agrees or disagrees with that decision.

With regard to an injunction, strike or interference of public origin which may delay the Project, the Contractor must promptly give the Project Manager a copy of the injunction or other orders and copies of the papers upon which the same was granted. The Town must be afforded the right to intervene and become a party to any suit or proceeding in which any such injunction has been obtained and move to dissolve the same or otherwise, as the Town may deem proper.

Where the Contractor is delayed for any period of time by two or more of the causes mentioned in Article C9.05, Excusable Delay, Non-Compensable, the Contractor will not be entitled to a separate extension for each one of the causes, only one period of extension will be granted for the delay.

Any extension of time granted by the Town will be processed through the Change Order provisions of the Contract.

The permitting of the Contractor to proceed with the Work subsequent to the date specified in the Contract (as such date may have been extended by a change order), the making of any payment to the Contractor, the issuance of any Change Order, will not waive the Town's rights under the Contract, including but not limited to the assessment of liquidated damages or declaring Contractor in default.

C9.05 EXCUSABLE DELAY, NON-COMPENSABLE

Excusable Delay is either (i) caused by circumstances that could not be foreseen and are beyond the control of Contractor, its subcontractors, or suppliers, or is (ii) caused jointly or concurrently by Contractor or its subcontractors, suppliers or vendors and by the Town. Then Contractor will be entitled only to a time extension and no compensation for the delay.

Contractor is entitled to a time extension of the Contract time for each day the Work is delayed due to Excusable Delay. Contractor must document its claim for any time extension as provided in Article C9.04.

Failure of Contractor to comply with Articles C9.04, as to any particular event of delay will be deemed conclusively to constitute a waiver, abandonment or relinquishment of any and all claims resulting from that particular event of delay.

C9.06 CLAIMS

Contractor will only be entitled to submit a claim after submitting its request for additional compensation or time in accordance with Articles C9.02 and C9.04 of the Contract and the request(s) have been denied or the Contractor does not agree with the decision of the Town.

Any claim for a change in the Contract time for completion of any Work, the Contract Term, or Contract price must be made by written notice by Contractor to the Town representatives identified in Article C11 within the timeframe established in Article C9.04, effective with the commencement of the event giving rise to the claim stating the general nature and cause of the claim. Thereafter, within twenty (20) calendar days of the termination of the event giving rise to the claim, written notice of the extent of the claim with supporting information and documentation must be provided unless the Procurement Manager allows an additional period of time to ascertain more accurate right in support of the claim. The written notice must be accompanied by Contractor's written notarized statement that the adjustment(s) claimed is the entire adjustment to which the Contractor has reason to believe it is entitled as a result of the occurrence of said event. All claims and disputes will be determined in accordance with the Contract. It is expressly and specifically agreed that any and all claims for changes to the Contract will be waived if not submitted in strict accordance with the requirements of this Article.

The Town may require the Contractor to submit its claim utilizing a specific format or forms to facilitate the Town's evaluation of the claim. The Town at its sole discretion may require that additional documentation or information be provided by the Contractor to assist in its review and evaluation of the claim.

The Contract time will be extended in an amount equal to time lost on critical Work items due to delays beyond the control of and through no fault or negligence of Contractor if a claim is made as provided in this Article. Such delays include, but are not be limited to, acts or neglect by any separate contractor employed by Town, fires, floods, labor disputes beyond the control of the Contractor, epidemics, abnormal weather conditions (if applicable), or acts of God.

The Contractor will not be entitled to an increase in the Contract price or payment or compensation of any kind from the Town for direct, indirect, consequential, impact or other costs, expenses or damages, including but not limited to costs of acceleration or inefficiency, arising because of delay, disruption, interference or hindrance from any cause whatsoever, whether such delay, disruption, interference or hindrance be it reasonable or unreasonable, foreseeable or unforeseeable, avoidable or unavoidable. Contractor will only be entitled to an extension of the Contract Time for completion of the Work, as the sole and exclusive remedy for such resulting excusable delay.

The Contractor agrees to make no claim for damages for delay of any kind in the performance of the Contract Documents whether occasioned by any act or omission of the Town or any of its representatives and the Contractor agrees that any such claim will be compensated solely by an extension of time to complete performance of the Work due to an Excusable Delay as defined in Articles C9.03, and C9.05. The Contractor alone specifically assumes the risk of such delays, including, without limitation: delays in processing or approving any submittals to the Town or by the Town, or the failure to render determinations, approvals, replies, inspections, in a timely manner. Contractor will not receive monetary compensation for Town delay(s).

Failure of Contractor to comply with this Article as to any particular event of claim will be deemed conclusively to constitute a waiver of any and all claims resulting from that particular event.

C9.07 DISPUTES AND MEDIATION

Contractor understands and agrees that all disputes between it and the Town upon an alleged violation of the terms of this Contract by the Town must be submitted for resolution in the following manner.

Initial effort(s) should be made by the Contractor to resolve any issues with the Project Manager or other Town representative(s) it works within in the coordination and performance of the Work.

Should the initial efforts of mediation not end in a mutual resolution then the Contractor must notify in writing the Town Manager as identified in Article C11, Notices, of the claim or dispute. The Contractor must submit its dispute in writing, with all supporting documentation, to the Town's Procurement Manager. Upon receipt of said notification the Procurement Manager will review the issues relative to the claim or dispute and issue a written finding.

Should the Contractor and the Procurement Manager fail to resolve the claim or dispute the Contractor must submit their dispute in writing within five (5) calendar days of the written finding being issued by the Procurement Manager to the Town Manager. Failure to submit such appeal in the stated timeframe of the written finding will constitute acceptance of the finding by the Contractor. Upon receipt of said notification the Town Manager will review the issues relative to the claim or dispute and issue a written finding.

Appeal to the Town Manager for resolution is required prior to Contractor being entitled to seek judicial relief in connection therewith. Should the Contractor be entitled to compensation hereunder, the Town

Manager's decision may be subject to approval by the Town Council. Contractor will not be entitled to seek judicial relief unless:

1. it has first received Town Manager's written decision, approved by the Town Council if applicable, or
2. a period of sixty (60) days has expired after submitting to the Town Manager a detailed statement of the dispute, accompanied by all supporting documentation, or a period of (90) days has expired in an instance where Town Manager's decision is subject to Town Council for approval; or
3. Town has waived compliance with the procedure set forth in this Article by written instrument(s) signed by the Town Manager.

In the event the determination of a dispute under this Article is unacceptable to either party hereto, the party objecting to the determination must notify the other party in writing within fourteen (14) calendar days of receipt of the written determination. The notice must state the basis of the objection and must be accompanied by a statement that any Contract price or Contract time adjustment claimed is the entire adjustment to which the objecting party has reason to believe it is entitled to as a result of the determination. Within sixty (60) calendar days after completion of the Work or expiration of the Contract Term, the parties will participate in mediation to address all objections to any determinations hereunder and to attempt to prevent litigation. A certified Mediator, who the parties find mutually acceptable, will conduct any mediation proceedings in Miami-Dade County, State of Florida. The costs of a certified Mediator will be shared on a 50/50 basis. Should the claim or dispute not be resolved in mediation, the parties retain all their legal rights and remedies provided under State law. A party objecting to a determination specifically waives all of its rights provided hereunder, including its rights and remedies under State law, if said party fails to comply in strict accordance with the requirements of this Article.

C9.08 CONTINUING THE WORK

Contractor must continue to perform all Work under the Contract Documents during all disputes or disagreements with Town, including disputes or disagreements concerning a request for a Change Order and no Work must not be delayed or postponed pending resolution of any disputes or disagreements.

C9.09 FRAUD AND MISREPRESENTATION

The Town may terminate this Contract or any other contracts with the Town with any person, individual, corporation, entity, or affiliate that attempts to meet its contractual obligations with the Town through fraud, misrepresentation or material misstatement. Such person, individual, corporation, entity, or affiliate will be responsible for all direct or indirect costs associated with termination or cancellation.

C9.10 STOP WORK ORDER

The Town may, at any time, by written order to the Contractor, require the Contractor to stop all, or any part, of the Work for a period of up to ninety (90) days (or any lesser period), commencing no sooner than the date the order is delivered to the Contractor, and for any further period to which the parties may agree. Any such order will be specifically identified as a "Stop Work Order" issued pursuant to this paragraph. Within the period of ninety (90) days (or the lesser period specified) after a Stop Work Order is delivered to the Contractor, or within any extension to which the parties have agreed the Town will either:

1. Cancel the Stop Work Order; or
2. Terminate the Work covered by such order as provided in Article C10.03, Termination for Convenience.

If a Stop Work Order issued under this Article is canceled or the period of the order or any extension thereof expires, the Contractor must resume the Work without compensation to the Contractor for such suspension other than extending the time to complete any Work under the Contract or extending the Contract Term to the extent that, in the opinion of the Project Manager, the Contractor may have been delayed by such suspension. In the event the Project Manger determines that the suspension of Work was necessary due to Contractor's defective or incorrect Work, unsafe Work conditions caused by the Contractor, or any other reason caused by Contractor's fault or omission, the Contractor will not be entitled to an extension of time or Contract Term or (Time) as a result of the issuance of a Stop Work Order.

Suspension of the Work caused by a threatened or actual storm event, regardless of whether the Town has directed such suspension, will entitle the Contractor to additional Contract time as non-compensable, Excusable Delay, and will not give rise to a claim for compensable delay.

C9.11 MATERIALITY AND WAIVER OF BREACH

Town and Contractor agree that each requirement, duty, and obligation set forth in the Contract Documents is substantial and important to the formation of the Contract Documents and, therefore, is a material term hereof. The Town's failure to enforce any provision of the Contract Documents will not be deemed a waiver of such provision or modification of the Contract Documents. A waiver of any breach of a provision of the Contract Documents will not be deemed a waiver of any subsequent breach and will not be construed to be a modification of the terms of the Contract Documents.

C9.12 TIME IN WHICH TO BRING ACTION AGAINST THE TOWN

In the event the Contractor may be deemed to have a cause of action against the Town, no action will lie or be maintained by the Contractor against the Town upon any claim arising out of or based upon the Contract Documents by reason of any act or omission or requirement of the Town or its agents, unless such action is commenced within six (6) months after the date of issuance of a final payment under the Contract, or if the Contract is terminated under the provisions of the Contract, unless such action is commenced within six (6) months after the date of such termination by the Town.

C9.13 CONTRACT EXTENSION

The Town reserves the right to extend the Contract for up to ninety (90) calendar days beyond the original Contract period, inclusive of any Options to Renew exercised by the Town. In such event, the Town will notify the Contractor in writing of such extensions.

C10 EARLY TERMINATION & DEFAULT

C10.01 SET-OFFS, WITHHOLDING, AND DEDUCTIONS

The Town may set-off, deduct or withhold from any payment due the Contractor, such sums as may be specifically allowed in the Contract or by applicable law including, without limitation, the following:

1. Any amount of any claim by a third party;
2. Any Liquidated Damages, and/or;
3. Any unpaid legally enforceable debt owed by the Contractor to the Town.

The Town will notify the Contractor in writing of any such withholdings.

Any withholding, which is ultimately held to have been wrongful, will be paid to the Contractor in accordance with the Local Government Prompt Payment Act

C10.02 CONTRACTOR DEFAULT

Event of Default

An event of default means a breach of the Contract by the Contractor. Without limiting the generality of the foregoing and in addition to those instances referred to herein as a breach, an Event of Default, includes but is not limited to, the following:

1. The Contractor has not performed the Work in a timely manner;
2. The Contractor has refused or failed to supply properly skilled staff or provided sufficient quantities of staff to perform the Work;
3. The Contractor has failed to make prompt payment to Subcontractors or suppliers for any services, materials, or supplies provided to Contractor;
4. The Contractor has become insolvent or has assigned the proceeds received for the benefit of the Contractor's creditors, or the Contractor has taken advantage of any insolvency statute or debtor/creditor law or if the Contractor's affairs have been put in the hands of a receiver;
5. The Contractor has failed to obtain the approval of the Town where required by the Contract Documents;
6. The Contractor has failed in the representation of any warranties stated herein;
7. When, in the opinion of the Town, reasonable grounds for uncertainty exist with respect to the Contractor's ability to perform the Work.

C10.02(ii) *Notice of Default-Opportunity to Cure*

Where an Event of Default ("Default") occurs under the Contract, the Town may at its sole discretion notify the Contractor, specifying the basis for such Default, and advising the Contractor that such Default must be cured within a time frame specified by the Town; or, the Contract with the Town may be terminated. The Town is under no obligation to issue such notification. The Town may grant an extension to the cure period if the Town deems it appropriate and in the best interest of the Town, without waiver of any of the Town's rights hereunder. The Town, at its sole discretion, may have a default corrected by its own forces or another contractor and any such costs incurred will be deducted from any sums due the Contractor under any contract with the Town.

The Town Manager or designee may also suspend any payment or part thereof or order a Work stoppage until such time as the issue(s) concerning compliance are resolved.

C10.02(iii) *Termination for Default*

Where a Default is not cured within the time specified to cure the Default, the Town Manager in addition to all remedies available by law, may immediately, upon written notice to Contractor, terminate this Contract. Contractor understands and agrees that termination of this Contract under this Article will not release Contractor from any obligation accruing prior to the effective date of termination.

In the event of termination by the Town Manager or designee, the Town Manager or designee may immediately take possession of all applicable documentation and data, material, equipment, and supplies to which it is entitled to under the Contract or by law.

Where the Town erroneously terminates the Contract for default, the terminations will be converted to a Termination for Convenience, and the Contractor will have no further recourse of any nature for wrongful termination.

C10.03 TERMINATION FOR CONVENIENCE

In addition to cancellation or termination as otherwise provided for in the Contract, the Town may at any time, in its sole discretion, with or without cause, terminate the Contract by written notice to the Contractor. Such Written Notice will state the date upon which Contractor must cease all Work under the Contract, and if applicable vacate the Project(s) site(s).

Upon receipt of such notice, unless otherwise directed by the Town, the Contractor must Stop all Work on the date specified in the notice ("the Effective Date");

1. Take such action as may be necessary for the protection and preservation of the Town's materials and property;
2. Cancel all cancelable orders for materials and equipment;
3. Remove all materials, supplies or equipment that may be used by the Contractor on other work;
4. Assign to the Town and deliver to the Town, at a site(s) specified by the Town, any non-cancelable orders for materials and equipment that can not otherwise be used by the Contractor on other work;
5. Take no action that will increase the amounts payable by the Town under the Contract Documents; and take reasonable measures to mitigate the Town's liability under the Contract Documents; and
6. All documents, including electronic documents, related to Work authorized under the Contract, whether finished or not, must be turned over to the Town. Failure to timely deliver the documentation will be cause to withhold any payments due without recourse by Contractor until all documentation is delivered to the Town.

In the event that the Town exercises its right to terminate the Contract pursuant to the Contract Documents, the Town will pay the Contractor for the actual cost, or the fair and reasonable value, as substantiated by invoice documentation, of any non-cancelable material(s) and equipment that cannot be used elsewhere by the Contractor in the performance of its work.

In no event, will any payments under this Paragraph exceed the maximum cost set forth in the Contract and the amount due hereunder may be offset by payments made to the Contractor or any claims made against the Contractor. Contractor will not be entitled to lost profits, overhead or consequential damages as a result of a Termination for Convenience.

C10.04 FUNDS AVAILABILITY

Funding for this Contract is contingent on the availability of funds and the Contract is subject to amendment or termination due to lack of funds, reduction of funds and/or change in regulations, upon thirty (30) days notice.

C10.05 REMEDIES AVAILABLE TO THE TOWN

The Town may avail itself of each and every remedy stated in the Contract Documents or existing at law or in equity. The exercise or the beginning of the exercise, of one remedy will not be deemed a waiver of the right to exercise, at the same time or thereafter, of any other remedy.

C11 NOTICES

Whenever either party desires to give written notice to the other relating to the Contract, such must be addressed to the party for whom it is intended at the place specified below; and the place for giving the notice will remain until it has been changed by written notice in compliance with the provisions of this Article. Notice will be deemed given on the date received or within 3 days of mailing, if mailed through the United States Postal Service. Notice will be deemed given on the date sent via e-mail or facsimile. Notice will be deemed given via courier/delivery service upon the initial delivery date by the courier/delivery service. For the present, the parties designate the following as the respective places for giving of notice:

For Town:

Mr. Edward Pidermann
Town Manager
Town of Miami Lakes
6601 Main Street
Miami Lakes, Florida 33014
pidermanne@miamilakes-fl.gov

Procurement Department
Town of Miami Lakes
6601 Main Street
Miami Lakes, Florida 33014
procurement@miamilakes-fl.gov

For Contractor:

Jose Vega
President
Florida Engineering and Development Corp.
12076 NW 98 Avenue
Hialeah Gardens, FL 33018
jose@floridaengineering.net

Mr. Raul Gastesi
Town Attorney
Town of Miami Lakes
6601 Main Street
Miami Lakes, Florida 33014
rgastesi@gastesi.com

Space intentionally left blank

During the Work the Contractor must maintain continuing communications with designated Town representative(s). The Contractor must keep the Town fully informed as to the progress of the Work under the Contract.

C12 PRIORITY OF PROVISIONS

If there is a conflict or inconsistency between any term, statement requirement, or provision of any exhibit attached hereto, any document or events referred to herein, or any document incorporated into the Contract Documents by reference and a term, statement, requirement, the specifications or any plans, or provision of the Contract Documents the following order of precedence will apply:

In the event of conflicts in the Contract Documents the priorities stated below will govern;

1. Revisions and Change Orders to the Contract will govern over the Contract
2. The Contract Documents will govern over the Contract
3. The Special Conditions will govern over the General Conditions of the Contract
4. Addendum to an ITB will govern over the ITB

In the event that Drawings and specifications are provided with the Contract Documents the priorities stated below will govern:

1. Scope of Work and Specifications will govern over Plans and Drawings

- 2.Schedules, when identified as such will govern over all other portions of the Plans
- 3.Specific notes will govern over all other notes, and all other portions of the Plans, unless specifically stated otherwise
- 4.Larger scale drawings will govern over smaller scale drawings
- 5.Figured or numerical dimensions will govern over dimensions obtained by scaling
- 6.Where provisions of codes, manufacturer's specifications or industry standards are in conflict, the more restrictive, strict, or higher quality will govern

C13 ISSUES RELATING TO THE WORK

C13.01 SUBSTITUTIONS

Substitution of any specified material or equipment requires the prior written acceptance of the Project Manager. It is the sole responsibility of the Contractor to provide sufficient information and documentation to the Project Manager to allow for a thorough review and determination on the acceptability of the substitution. Approval of a substitution does not waive or mitigate the Contractor's sole responsibility to meet the requirements of the Contract Documents. The Town may require an adjustment in price based on any proposed substitution.

The Contractor may request the Town to approve substitution where the specified materials are not available. Such requests must be submitted in writing to the Project Manager in advance with sufficient information to evaluate the substitution. The Contractor must provide the substitute materials plant designation, type, grade, quality, and size. Acceptance of substitutions will be at the sole discretion of the Town. The Town may require an adjustment in price based on any proposed substitution.

C13.02 INSPECTION OF THE WORK

The Project Manager, other Town representatives, and inspectors representing the Town and other public entities having jurisdiction over the Work must at all times have access to the Work

Should the Contract Documents, or any laws, ordinances, or any public authority require any of the Work to be tested, Contractor must provide timely notice of readiness of the Work for testing and timely notice must be given of the date fixed for such testing so that the appropriate representatives of the Town, DERM, or other entities can be present for such testing. Contractor will be responsible for making arrangements for all tests and for all associated costs for all required testing. The original copies of all testing reports are to be sent directly to the Project Manager by the testing firm, with a copy to the Contractor.

The Town, at its sole discretion may conduct testing in addition to the required testing. In such instances the Town will pay all testing costs unless the tests determine that the material, Work, or equipment is not compliant with the requirements of the Contract Documents. In such instances the Contractor must reimburse the Town for all incurred testing costs and the Contractor will be responsible for any costs associated with re-testing to ensure compliance.

Inspectors have no authority to permit deviations from, or to relax any of the provisions of the Contract Documents or to delay the Work by failure to inspect the materials and Work with reasonable promptness without the written permission or instruction of Project Manager.

C13.03 UNCOVERING FINISHED WORK

The Project Manager's right to make inspections includes the right to order the Contractor to uncover or take down portions of finished Work. The Project Manager will notify the Contractor in writing concerning all uncovered finished Work. Should the Work prove to be in accordance with the Contract, the uncovering or taking down and the replacing and the restoration of the parts removed will be treated as additional Work for the purpose of computing additional compensation and an extension of time.

Should the Work examined prove unsatisfactory, such uncovering, taking down, replacing and restoration will be at the expense of the Contractor. Such expenses will also include repayment to the Town for any and all expenses or costs incurred by it, including employee salaries or related cost, in connection with such uncovering, taking down, replacing and restoration at the Project site.

C13.04 DEFECTIVE OR NON-COMPLIANT WORK

The Project Manager has the authority to reject or disapprove Work that is found to be defective or not in compliance with the requirements of the Contract. If required, the Contractor will promptly either correct all defective or non-compliant Work or remove such defective Work and replace it with non-defective/non-compliant Work. Contractor will bear all direct, indirect and consequential costs of such removal or corrections.

Re-examination of any of the Work may be ordered by the Project Manager and if so ordered, the Work must be uncovered by Contractor. If such Work is found to be in accordance with the Contract Documents, the Town will pay the cost of reexamination and replacement by means of a Change Order. If such Work is not in accordance with the Contract Documents, Contractor will pay such cost.

Should Contractor fail or refuse to remove or correct any defective or non-compliant Work or to make any necessary repairs in accordance with the requirements of the Contract Documents within the time indicated in writing by the Project Manager, the Project Manager has the authority to cause the defective/non-compliant Work to be removed or corrected, or make such repairs or corrections as may be necessary at Contractor's expense. Any expense incurred by the Town in making such removals, corrections or repairs, will be paid for out of any monies due or which may become due the Contractor. In the event of failure of the Contractor to make all necessary repairs promptly and fully, the Town Manager or designee may declare the Contractor in default.

If, within the warranty period required by the Contract Documents, or by any specific provision of the Contract, any of the Work is found to be defective or not in accordance with the Contract Documents, Contractor, after receipt of written notice from Town, must promptly correct such defective or nonconforming Work within the time specified by Town, without cost to Town. Should the Contractor fail to take such action the Town may take any necessary and appropriate action and hold the Contractor liable and responsible for all costs. The Town may take any action allowed under this Contract or in law to recover all such costs. Nothing contained herein will be construed to establish a period of limitation with respect to any other obligation which Contractor might have under the Contract Documents, including but not limited to, any claim regarding latent defects.

Failure to reject any defective Work or material does not, in any way, prevent later rejection when such defect is discovered, or obligate the Town to accept the defective Work.

END OF SECTION

SECTION D. SPECIAL TERMS AND CONDITIONS

D1 SCOPE OF WORK

The Contractor must furnish all labor, materials, supplies, tools, equipment, supervision and services necessary to construct a shared use path at the project location per the attached project plans and in accordance with all applicable FDOT Design Standards, FDOT Standard Specifications, and the Americans with Disabilities Act. Contractor must furnish, install, construct, and deliver a complete project with the required maintenance and quality assurance testing as applicable to the project.

The Work includes, but is not limited to, the realignment of NW 60th Avenue from north of NW 138th St. to 150' south of Miami Lakes Dr./NW 154th St. to accommodate new curb and gutter and a 10-foot wide shared use path along the west side of the corridor, the milling, resurfacing and overbuilding of the roadway, and the installation of new upgraded signing and pavement markings as required in the project plans. Porous Flexible Pavement is proposed at specific locations on the shared use path to minimize tree removal. Swales mostly behind the shared use path are provided to accommodate the runoff.

Location: NW 60th Avenue from north of NW 138th St. to 150' south of Miami Lakes Dr./NW 154th St.

D2 CONTRACT TERM

The Contract will become effective on the date it is executed by both parties and shall remain in effect until the expiration of the Warranty period(s). The Contractor shall obtain Substantial Completion of the Work within one hundred eighty (180) Days of the Notice to Proceed being issued by the Town. Contractor must obtain Final Completion within fourteen (14) Days after obtaining Substantial Completion.

D3 FDOT SPECIFICATIONS

FDOT specifications apply in the performance of the Work and all applicable specifications are hereby incorporated by reference. Any earthwork, concrete, asphalt, or landscaping Work to be performed under this Contract must be completed in a manner consistent with FDOT's Local Agency Program Big 4 Specifications ("LAP Big 4"). The LAP Big 4 Specifications can be found as an attachment to this Agreement. The Town may, at its sole discretion, make changes to the FDOT specification and the Contractor will be advised of any such changes.

D3.01 SOURCE OF SUPPLY

D3.01(i) *PROHIBITION AGAINST CONVICT PRODUCED MATERIALS*

Contractor shall 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.

Contractor may 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 Town 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.

D3.01(ii) *BUY AMERICA*

Contractor must use steel and iron manufactured in the United States, in accordance with the Buy America provisions of 23 CFR 635.410, as amended. Contractor must 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. Contractor must 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). Contractor must submit each such certification to the Project Manager prior to incorporating the material or product into the project. Prior to the use of foreign steel or iron materials on a project, Contractor will submit invoices to document the actual cost of such material, and obtain the Project Manager's written approval prior to incorporating the material into the project.

D3.01(iii) *STATE PRODUCED MATERIALS*

No preference for State (Florida or otherwise) produced materials shall apply to this Contract.

D3.01(iv) *PUBLICLY OWNED EQUIPMENT*

Contractor must not use publicly owned equipment in the performance of the Work required under this Contract.

D3.02 DISADVANTAGED BUSINESS ENTERPRISE 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 FDOT-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.

D3.03 TITLE VI ASSURANCE - EQUAL EMPLOYMENT OPPORTUNITY

D3.03(i) *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 C2.03(i) and (ii) 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.

D3.03(ii) 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.

D3.04 ENDANGERED SPECIES ACT

The Federal Endangered Species Act requires that FDOT investigate the potential impact to a threatened or endangered species prior to initiating an activity performed in conjunction with a highway construction project. If FDOT’s investigation determines that there is a potential impact to a protected, threatened or an endangered species, FDOT 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.

In addition, in cases where certain protected, threatened or endangered species are found or appear within close proximity to the project boundaries, FDOT 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.dot.state.fl.us/programmanagement/Implemented/URLinSpecs/files/endangeredwildlifeguidelines.pdf>.

It is the Contractor's 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, Contractor must notify the Project Manager 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. Contractor must 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. Contractor must submit this notification sufficiently in advance of planned commencement of the off-site activity, to allow a reasonable period of time for the Project Manager to conduct an investigation without delaying job progress.

Contractor will not perform any off-project activity without obtaining written clearance from the Project Manager. In the event the FDOT'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. Contractor must immediately notify the Project Manager 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.

D3.05 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, Contractor must 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, Contractor will notify the Project Manager 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 FDOT 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 Project Manager to conduct an investigation without delaying job progress. Do not begin any off-project activity without obtaining written clearance from the Project Manager.

D3.06 PREVAILING WAGES

Payment of predetermined minimum wages applies for this contract.

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
FL178	Highway

The most recent General Decision Wage Table at the time of this writing can be found in Section I, Attachments, and is provided for informational purposes only. It is the Contractor's responsibility to

obtain and comply with the most recent, applicable General Decision(s) (Wage Tables) issued at the time of Contract execution. Contractor must ensure that employees receive at least the minimum compensation applicable. Contractor must review the General Decisions for all classifications necessary to complete the project. General Decision(s) (Wage Tables) can be found through the FDOT's Office of Construction website.

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 FDOT's Office of Construction website.

D3.07 COMPLIANCE WITH FHWA 1273

Bidder must comply with the provisions contained in FHWA 1273. Said provisions are attached to this Contract in Section I, Attachments, and are hereby incorporated by reference as though fully set forth herein. For Contractor's convenience, an electronic version of FHWA 1273 can be found at <https://www.fhwa.dot.gov/programadmin/contracts/1273/1273.pdf>. It is the Bidder's responsibility to familiarize itself and comply with FHWA 1273.

The provisions contained in FHWA 1273 must be physically included in every contract that Bidder enters into with any subcontractor in connection with this Project.

D4 LIQUIDATED DAMAGES

The Contractor is obligated and guarantees to obtain Substantial and Final Completions of the Project within the timeframes established in the Contract or any approved extension of time the Contractor may be granted by the Town. In the event of a delay in completion beyond the date established in the Contract, the Contractor must pay to the Town for each and every calendar day of unexcused delay, according to the amounts established in the schedule below, which is hereby agreed upon not as a penalty but as liquidated damages.

Original Contract Amount	Daily Charge Per Calendar Day
• \$50,000 and under	\$763
• Over \$50,000 but less than \$250,000	\$958
• \$250,000 but less than \$500,000	\$1,099
• \$500,000 but less than \$2,500,000	\$1,584
• \$2,500,000 but less than \$5,000,000	\$2,811
• \$5,000,000 but less than \$10,000,000	\$3,645
• \$10,000,000 but less than \$15,000,000	\$4,217
• \$15,000,000 but less than \$20,000,000	\$4,698
• \$20,000,000 and over	\$6,323 plus 0.00005 of any amount over \$20 million (Round to nearest whole dollar)

The Contractor will be notified of any exceptions. The total amount of liquidated damages will not exceed the value of the Contract.

The Town has the right to deduct liquidated damages assessments from any payment due or which may thereafter become due to the Contractor under any contract the Contractor has with the Town. In case the amount available under contracts the Contractor has with the Town is less than the amount of liquidated damages due the Town, the Contractor must pay the difference upon demand by the Town. Should the Contractor fail to compensate the Town for any liquidated damages, the Town will consider this as a form of indebtedness and may deny any future Work under the Contract or any other Town contract until such indebtedness is paid in full to the Town.

The Town will notify the Contractor in writing that it is incurring liquidated damages.

D5 REQUEST FOR INFORMATION

The Contractor must submit a Request for Information (“RFI”) where the Contractor believes that the Contract Document’s specifications are unclear or conflict. All requests must be submitted in a manner that clearly identifies the specification section or drawing detail, if furnished, where clarification or interpretation is being requested. As part of the RFI, Contractor must include its recommendation for resolution. The Town must respond in writing.

The RFI process is not intended to be used to correct defective Work performed by the Contractor. Solutions to correct defective Work, including means and methods are the sole responsibility of the Contractor. Should the RFI process be utilized to correct defective Work, the Contractor may be required to reimburse the Town for any costs incurred by the Town in responding to the RFI. Such reimbursements will be taken as a deduction against any payments due the Contractor.

D6 WARRANTY

Contractor warrants to the Town that all materials and equipment furnished under the Contract will be new unless otherwise specified and that all of the Work will be of good quality, free from faults and defects and in conformance with the Contract Documents. All Work not conforming to these requirements, including substitutions not properly approved and authorized, may be considered defective. If required by the Project Manager the Contractor must furnish satisfactory evidence as to the kind and quality of materials and equipment. This warranty is not limited by any other provisions within the Contract Documents.

All Work must have a one (1) year warranty on labor from the date of acceptance of the Work by the Town. Contractor must provide a minimum written warranty of one (1) year on all equipment, parts, or material unless the manufacturer provides a longer warranty. Where the manufacturer of the equipment, parts, or material provides a warranty greater than one (1) year or the time frame stipulated then the manufacturer’s warranty term will take precedence. Contractor will be required to provide the Project Manager a copy of the manufacturer’s warranty prior to the Town issuing final payment. Manufacturer’s warranties will become effective upon Final Completion of the Project.

All material and equipment furnished must be fully guaranteed by the Contractor against factory defects and workmanship. At no expense to the Town, the Contractor will correct any and all apparent and latent defects that may occur within the manufacturer’s standard warranty. The Contract Documents may supersede the manufacturer’s standard warranty. Manufacturer’s warranties will become effective upon Final Completion of the Project.

Should the Contractor fail to perform any required warranty work the Town, at its sole discretion, may have the work performed by others, and deduct such costs from any monies due the Contractor from the Town. Where such funds are not available, the Town will bill the Contractor and Contractor will reimburse the Town within thirty (30) calendar days. The Town may take any necessary and appropriate action provided under this Contract or with law to collect such payment due the Town.

D7 SUBSTANTIAL COMPLETION, PUNCHLIST & FINAL COMPLETION

The Work will be substantially complete when the Project Manager, in the reasonable exercise of his/her discretion determines that the Work is complete and there are no material or substantial variations from the Contract and the Work is fit for its intended purpose. Upon Substantial Completion, the Project Manager and the Contractor will sign the Substantial Completion Inspection Form. The signing of this form does not relieve the Contractor from its obligation to complete the Project.

When the Contractor believes that the Work is substantially complete, the Contractor must request in writing that the Project Manager or Consultant inspect the Work to determine if Substantial Completion has been achieved. Where the Work requires the Contractor to obtain a Certificate of

Completion no request for Substantial Completion inspection is to be submitted until the Contractor has obtained the Certificate(s) of Completion. The Project Manager or Consultant will schedule the date and time for any inspection and notify the Contractor and any other parties deemed necessary. During this inspection, the Project Substantial Completion Inspection Form will be completed as necessary. Any remaining Construction Work must be identified on this form and it will be known as Punch List Work. The Punch List must be signed by the Project Manager and the Contractor confirming that the Punch List contains the item(s) necessary to complete the Work. The failure or refusal of the Contractor to sign the Project Substantial Completion Inspection Form or Punch List will not relieve the Contractor from complying with the findings of the Project Substantial Completion Inspection and completing the Project to the satisfaction of the Town.

The Project Manager or Consultant, and the Contractor will agree on the time reasonably required to complete all remaining Work included in the Punch List.

Upon Substantial Completion and the receipt and acceptance of any required documentation, including warranty documents, the Project Manager will determine that a Project has achieved Final Completion and authorize final payment.

The acceptance of final payment will constitute a waiver of all claims by Contractor, except those previously made in strict accordance with the provisions of the Contract and identified by Contractor as unsettled at the time of the application for final payment.

D8 ACCEPTANCE AND FINAL PAYMENT

Upon receipt of written notice from Contractor that the Work is ready for final inspection and acceptance, Project Manager will, within ten (10) calendar days, make an inspection thereof. If Project Manager find the Work acceptable, the requisite documents have been submitted and the requirements of the Contract fully satisfied, and all conditions of the permits and regulatory agencies have been met, a Final Certificate for Payment will be issued by Project Manager, stating that the requirements of the Contract have been performed and the Work is ready for acceptance under the terms and conditions thereof.

Before issuance of the Final Certificate for Payment, Contractor must deliver to the Project Manager a final release of all liens arising out of the Contract, receipts in full in lieu thereof; an affidavit certifying that all suppliers and subcontractors have been paid in full and that all other indebtedness connected with the Work has been paid, and a consent of the surety to final payment; the final corrected as-built drawings; operations and maintenance data, and the final bill of materials, if required, and payment application. Contractor must deliver the written Contractor's and all Manufacturer's warranties prior to issuance of the final invoice.

If, after the Work has been substantially completed, full completion thereof is materially delayed through no fault of Contractor, and Project Manager so certifies, Town will, upon such certification of Consultant, and without terminating the Contract, make payment of the balance due for that portion of the Work fully completed and accepted. Such payment will be made under the terms and conditions governing final payment, except that it will not constitute a waiver of claims.

The acceptance of final payment will constitute a waiver of all claims by Contractor, except those previously made in strict accordance with the provisions of the Contract and identified by Contractor as unsettled at the time of the application for final payment.

D9 NDPES REQUIREMENTS

Contractor must comply with the State of Florida rules and regulations for the National Pollutant Discharge Elimination System (NPDES) including but not limited to all permitting, Notices of Intent, and the Storm Water Pollution Prevention Plan (SWPPP). All costs for NPDES and SWPPP must be included in the Bid price. For further information on compliance requirements for NPDES and SWPPP

visit the State of Florida website at <http://www.dep.state.fl.us/water/stormwater/npdes/>. Contractor is responsible for obtaining, completing and paying for any required NPDES application or permits that may be required.

D10 OWNERSHIP OF THE WORK

The Contractor is solely responsible for all Work, until Final Completion of the Work. Contractor is liable for all damage, theft, maintenance, and safety until such time as the Town issues a notice of Final Completion.

D11 PERFORMANCE EVALUATION

After Final Completion, the Town will engage in a performance evaluation of the Contractor, taking into consideration Contractor's work quality, adherence to project schedules, submission of change orders, responsiveness, and any other relevant factors. For purposes of this evaluation, Contractor must cooperate with the Town and provide any information requested by the Town's Project Manager in connection with the performance evaluation.

END OF SECTION

SECTION I. ATTACHMENTS

DAVIS-BACON ACT WAGE DECISION
FL178 ISSUED JANUARY 4, 2019

General Decision Number: FL190178 01/04/2019 FL178

Superseded General Decision Number: FL20180221

State: Florida

Construction Type: Highway

County: Miami-Dade County in Florida.

HIGHWAY CONSTRUCTION PROJECTS

Note: Under Executive Order (EO) 13658, an hourly minimum wage of \$10.60 for calendar year 2019 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, 2015. If this contract is covered by the EO, the contractor must pay all workers in any classification listed on this wage determination at least \$10.60 per hour (or the applicable wage rate listed on this wage determination, if it is higher) for all hours spent performing on the contract in calendar year 2019. If this contract is covered by the EO and a classification considered necessary for performance of work on the contract does not appear on this wage determination, the contractor must pay workers in that classification at least the wage rate determined through the conformance process set forth in 29 CFR 5.5(a)(1)(ii) (or the EO minimum wage rate, if it is higher than the conformed wage rate). The EO minimum wage rate will be adjusted annually. Please note that this EO applies to the above-mentioned types of contracts entered into by the federal government that are subject to the Davis-Bacon Act itself, but it does not apply to contracts subject only to the Davis-Bacon Related Acts, including those set forth at 29 CFR 5.1(a)(2)-(60). Additional information on contractor requirements and worker protections

under the EO is available at www.dol.gov/whd/govcontracts.

Modification Number	Publication Date
0	01/04/2019

* ELEC0349-002 03/05/2018

	Rates	Fringes
ELECTRICIAN.....	\$ 33.11	12.31

SUFL2013-039 08/19/2013		

	Rates	Fringes
CARPENTER.....	\$ 17.84	0.00
CEMENT MASON/CONCRETE FINISHER, Includes Form Work.....	\$ 15.49	0.00
FENCE ERECTOR.....	\$ 12.82	0.00
HIGHWAY/PARKING LOT STRIPING: Operator (Striping Machine).....	\$ 15.07	0.00
HIGHWAY/PARKING LOT STRIPING: Painter.....	\$ 12.13	0.00
HIGHWAY/PARKING LOT STRIPING: Operator (Spray Nozzleman).....	\$ 11.16	0.00
INSTALLER - GUARDRAIL.....	\$ 13.43	0.00
IRONWORKER, ORNAMENTAL.....	\$ 13.48	0.00
IRONWORKER, REINFORCING.....	\$ 18.43	0.00

IRONWORKER, STRUCTURAL.....\$ 16.42	0.00
LABORER (Traffic Control Specialist incl. placing of cones/barricades/barrels - Setter, Mover, Sweeper).....\$ 11.59	0.00
LABORER: Asphalt, Includes Raker, Shoveler, Spreader and Distributor.....\$ 12.31	0.00
LABORER: Common or General.....\$ 10.69	0.00
LABORER: Flagger.....\$ 12.53	0.00
LABORER: Grade Checker.....\$ 12.41	0.00
LABORER: Landscape & Irrigation.....\$ 9.02	0.00
LABORER: Mason Tender - Cement/Concrete.....\$ 13.91	3.50
LABORER: Pipelayer.....\$ 15.02	0.00
OPERATOR: Backhoe/Excavator/Trackhoe.....\$ 16.24	0.00
OPERATOR: Bobcat/Skid Steer/Skid Loader.....\$ 12.88	0.00
OPERATOR: Boom.....\$ 18.95	0.00
OPERATOR: Boring Machine.....\$ 15.29	0.00
OPERATOR: Broom/Sweeper.....\$ 13.01	0.00

OPERATOR: Bulldozer.....\$ 16.77	0.00
OPERATOR: Concrete Finishing Machine.....\$ 15.44	0.00
OPERATOR: Concrete Saw.....\$ 14.43	0.00
OPERATOR: Crane.....\$ 22.46	0.00
OPERATOR: Curb Machine.....\$ 20.74	0.00
OPERATOR: Distributor.....\$ 13.29	0.00
OPERATOR: Drill.....\$ 14.78	0.00
OPERATOR: Forklift.....\$ 16.32	0.00
OPERATOR: Gradall.....\$ 14.71	0.00
OPERATOR: Grader/Blade.....\$ 20.22	3.85
OPERATOR: Loader.....\$ 15.53	0.00
OPERATOR: Mechanic.....\$ 18.03	0.00
OPERATOR: Milling Machine.....\$ 14.67	0.00
OPERATOR: Oiler.....\$ 16.32	0.00
OPERATOR: Paver (Asphalt, Aggregate, and Concrete).....\$ 13.61	0.00
OPERATOR: Piledriver.....\$ 17.23	0.00
OPERATOR: Post Driver	

(Guardrail/Fences).....\$ 14.45	0.00
OPERATOR: Roller.....\$ 13.67	0.00
OPERATOR: Scraper.....\$ 12.01	0.00
OPERATOR: Screed.....\$ 14.15	0.00
OPERATOR: Tractor.....\$ 12.19	0.00
OPERATOR: Trencher.....\$ 14.74	0.00
PAINTER: Spray.....\$ 16.52	0.00
SIGN ERECTOR.....\$ 12.96	0.00
TRAFFIC SIGNALIZATION:	
Traffic Signal Installation.....\$ 19.07	0.00
TRUCK DRIVER: Distributor	
Truck.....\$ 14.96	2.17
TRUCK DRIVER: Dump Truck.....\$ 12.19	0.00
TRUCK DRIVER: Flatbed Truck.....\$ 14.28	0.00
TRUCK DRIVER: Lowboy Truck.....\$ 15.07	0.00
TRUCK DRIVER: Slurry Truck.....\$ 11.96	0.00
TRUCK DRIVER: Vector Truck.....\$ 14.21	0.00
TRUCK DRIVER: Water Truck.....\$ 13.17	1.60

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

FHWA 1273

REQUIRED CONTRACT PROVISIONS FEDERAL-AID CONSTRUCTION CONTRACTS

- I. General
- II. Nondiscrimination
- III. Nonsegregated Facilities
- IV. Davis-Bacon and Related Act Provisions
- V. Contract Work Hours and Safety Standards Act Provisions
- VI. Subletting or Assigning the Contract
- VII. Safety: Accident Prevention
- VIII. False Statements Concerning Highway Projects
- IX. Implementation of Clean Air Act and Federal Water Pollution Control Act
- X. Compliance with Governmentwide Suspension and Debarment Requirements
- XI. Certification Regarding Use of Contract Funds for Lobbying

ATTACHMENTS

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

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).

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.

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.

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).

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.

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.

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.

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 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.

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.

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.

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) The 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) The 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 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 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.

* * * * *

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.

**LAP BIG FOUR SPECIFICATIONS FOR
EARTHWORK, CONCRETE, ASPHALT, & LANDSCAPING**

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.

END OF SECTION

**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:

$$\text{Spread rate (lbs/yd}^2\text{)} = t \times G_{\text{mm}} \times 43.3$$

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.

Table 334-3 Gyratory Compaction Requirements	
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</p>
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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	
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 ($P_{.8}$ and $P_{.200}$) 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 ($P_{.8}$ and $P_{.200}$) 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.

END OF SECTION

CONCRETE FOR LAP (OFF-SYSTEM).

(REV 12-20-11) (FA 2-27-12)

SECTION 344 CONCRETE FOR LAP (OFF-SYSTEM)

102-8.6 344-1 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.

102-8.7 344-2 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.

102-8.8 344-3 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 Batchers 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.

102-8.9 344-4 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.

102-8.10 344-5 Method of Measurement.

The quantities to be paid for will be the items shown in the plans, completed and accepted.

102-8.11 344-6 Basis of Payment.

Prices and payments will be full compensation for all work and materials specified in this Section.

END OF SECTION

LANDSCAPE INSTALLATION FOR LAP (OFF-SYSTEM).

(REV 4-5-11) (FA 4-15-11)

102-8.12 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.

END OF SECTION

CONTRACTOR'S BID

FLORIDA ENGINEERING AND DEVELOPMENT CORP.

**ITB FOR
NW 60th AVENUE BICYCLE/PEDESTRIAN
IMPROVEMENTS PROJECT**

ITB No. 2019-06



The Town of Miami Lakes Council:

**Mayor Manny Cid
Vice Mayor Nelson Rodriguez
Councilmember Carlos Alvarez
Councilmember Luis Collazo
Councilmember Joshua Dieguez
Councilmember Jeffrey Rodriguez
Councilmember Marilyn Ruano**

**Edward Pidermann, Town Manager
The Town of Miami Lakes
6601 Main Street
Miami Lakes, Florida 33014**

SECTION E. BID FORM

Bid submittal of FLORIDA ENGINEERING AND DEVELOPMENT CORP.

(Name of Bidder)

12076 NW 98 Avenue, HIGGINS GARDENS, FL 33018

(Address)

Submitted on: 3/14/19

(Date)

to furnish all Work as stated in the ITB and Contract Documents for the

NW 60th Avenue Bicycle/Pedestrian Improvements Project

Bid No: 2019-06

To: Town of Miami Lakes, Florida
Attn: Town Clerk
Government Center
6601 Main Street
Miami Lakes, Florida 33014

This Bid Form is submitted as part of the Bidder's Bid submittal ("Submittal") in response to the ITB issued by the Town of Miami Lakes first written above.

Bidder has carefully examined all the documents contained in the ITB and understands all instructions, requirements, specifications, drawings/plans, terms and conditions, and hereby offers and proposes to furnish the products or services described herein at the prices, fees or rates quoted in the Submittal, and in accordance with the requirements, specifications, drawings/plans, terms and conditions, and any other requirements of the Contract Documents.

Bidder has the necessary experience, knowledge, abilities, skills, and resources to satisfactorily perform the requirements under this ITB.

All statements, information and representations prepared and submitted in response to the ITB are current, complete, true, and accurate. Bidder acknowledges that the Town will rely on such statements, information, and representations in selecting a Bidder, and hereby grants the Town permission to contact any persons or entities identified in the ITB to independently verify the information provided in the Submittal.

No attempt has or will be made by the Bidder to induce any other person or firm to not submit a response to this ITB and no personnel currently employed by the Town participated, directly or indirectly, in any activities related to the preparation of the Submittal. Bidder has had no contact with Town personnel regarding the ITB. If contact has occurred, except as permitted under the Cone of Silence, so state and include a statement identifying in detail the nature and extent of such contacts and personnel involved.

The pricing, rates or fees proposed by the Bidder have been arrived at independently, without consultation, communication, or agreement, for the purpose of restriction of competition, as to any other Bidder or competitor; and unless otherwise required by law, the prices quoted have not been disclosed by the Bidder prior to submission of the Submittal, either directly or indirectly, to any other Bidder or competitor.

Bidder is not currently disqualified, de-listed or debarred from doing business with any public entity, including federal, state, county or local public entities. If yes, Bidder must provide a detailed explanation of such disqualification, de-listing or debarment, including the reasons and timeframe.

The Bidder agrees, if this Bid is accepted, to timely execute a contract with the Town, pursuant to the terms and conditions of the Contract Documents and to furnish the documents, equipment, machinery, tools, apparatus, means of transportation, and all labor necessary to complete the Work.

Bidders that will be using a temporary labor company to provide staffing for the Project must complete the Leased Employee Affidavit and include it with the Bid Submittal. Failure include this form may result in the Bid Submittal being rejected as non-responsive.

The individual signing the Bid Form represents by signing, that he/she is duly authorized to sign on behalf of the above named company and that all information and documents submitted in response to the ITB are to the best of his/her knowledge are true, accurate, and complete as of the submittal date.

BID PRICE

Bidder must complete and submit with its bid an electronic version of the MS Excel Bid Form (Attachment PS) to be responsive. A printed copy of the MS Excel Bid Form should also be included as part of the Bid Submittal. Do not convert the MS Excel Bid Form to a .pdf form.

Our **TOTAL BID AMOUNT** includes the total cost for the Work specified in this solicitation, consisting of furnishing all materials, labor, equipment, supervision, mobilization, overhead & profit required, in accordance with the Contract Documents as reflected in the MS Excel Spreadsheet.

Total Bid Amount: \$ 1,059,175.86

Firm's Name: FLORIDA ENGINEERING AND DEVELOPMENT CORP.

Firm's Street Address: 12076 NW 9th AVENUE

City: HALEAH GARDENS State/Zip Code: FL/33018

Name of Officer: JOSE VEGA Signature: [Signature]

Title: PRESIDENT Telephone: 305-820-8333

Facsimile: 305-820-9341 E-Mail: jose@floridaengineering.net

FEIN No.: 83-0345690

END OF SECTION

Town of Miami Lakes 2019-06
 NW 60th Ave Bicycle/Pedestrian Improvements Project
 From NW 139th St. to South of Miami Lakes Drive (154th St.)
 Attachment PS

Note: Bidder's pricing as submitted will determine the ("Total Price Amount") for the purpose of evaluating the Bids. However, unless otherwise stated in the Price Sheet Notes the Contractor will be paid based on actual work performed. This form reflects estimated quantities for the bid roadway sections as described in the ITB. After award, the Town reserves the right to modify estimated quantities subject to the unit price, and/or to eliminate line items if the Town deems it necessary. In the event of a discrepancy, or an approved quantity change, the Unit Price for each line item shall govern.

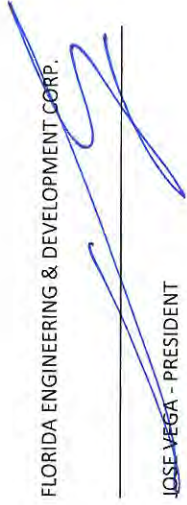
Item No.	Description	U/M	Unit Price	Quantity	Extended Price
101-1	MOBILIZATION	LS	\$ 18,000.00	1	\$ 18,000.00
102-1	MAINTENANCE OF TRAFFIC	LS	\$ 20,000.00	1	\$ 20,000.00
104-10-3	SEDIMENT BARRIER	LF	\$ 1.72	6706	\$ 11,534.32
104-18	INLET PROTECTION SYSTEM	EA	\$ 104.60	7	\$ 732.20
107-1	LITTER REMOVAL	AC	\$ 50.00	14.24	\$ 712.00
107-2	MOWING	AC	\$ 143.50	11.43	\$ 1,640.21
110-1-1	CLEARING & GRUBBING	AC	\$ 81,000.00	2.054	\$ 166,374.00
110-4-1	REMOVAL OF EXISTING CONCRETE	SY	\$ 5.80	131	\$ 759.80
120-1	REGULAR EXCAVATION	CY	\$ 19.80	487.9	\$ 9,660.42
120-2-2	BORROW EXCAVATION	CY	\$ 21.50	668.5	\$ 14,372.75
160-4	TYPE B STABILIZATION	SY	\$ 14.40	4,532	\$ 65,260.80
162-1-11	PREPARED SOIL LAYER, FINISH SOIL LAYER, 6"	SY	\$ 3.00	811	\$ 2,433.00
285-701	OPTIONAL BASE, BASE GROUP 01	SY	\$ 8.30	2,030	\$ 16,849.00
286-1	TURNOUT CONSTRUCTION	SY	\$ 17.80	1,913	\$ 34,051.40
327-70-1	MILLING EXIST ASPH PAVT 1" AVG DEPTH	SY	\$ 2.30	10,005	\$ 23,011.50
334-1-11	SUPERPAVE ASPHALTIC CONC, TRAFFIC A, SP-12.5	TN	\$ 223.20	138	\$ 30,801.60
334-1-53	SUPERPAVE ASPHALTIC CONCRETE, TRAFFIC C, SP-9.5 PG76-2	TN	\$ 212.10	158.00	\$ 33,511.80
334-1-53	SUPERPAVE ASPHALTIC CONCRETE, TRAFFIC C, SP-12.5 PG76-2	TN	\$ 115.00	1558	\$ 179,170.00
337-7-82	ASPHALT CONCRETE FRICTION COURSE, TRAFFIC C, FC-9.5, PG 76-22	TN	\$ 115.00	550.5	\$ 63,307.50
425-4	INLETS, ADJUST	EA	\$ 992.00	2	\$ 1,984.00
520-1-10	CONCRETE CURB & GUTTER, TYPE F	LF	\$ 27.60	2,698	\$ 74,464.80
522-1	CONCRETE SIDEWALK AND DRIVEWAYS, 4" THICK	SY	\$ 48.00	99	\$ 4,752.00
522-2-13	CONCRETE SIDEWALK AND DRIVEWAYS, 6" THICK	SY	\$ 64.40	189	\$ 12,171.60
527-2	DETECTABLE WARNINGS	SF	\$ 36.80	844	\$ 31,059.20
570-1-2	PERFORMANCE TURF, SOD	SY	\$ 5.40	4033	\$ 21,778.20
635-2-30	PULL & SPLICE BOX, INSTALL	EA	\$ 980.00	3	\$ 2,940.00
580-8-15	PRUNING AND TRIMMING (4" TO 24")	EA	\$ 805.00	47	\$ 37,835.00
	FLEXIBLE PERMEABLE PAVEMENT SIDEWALK	SY	\$ 83.60	1577	\$ 131,837.20
700-1-11	SINGLE POST SIGN, F & I, GROUND MOUNT, UPTO 12 SQ. FT.)	AS	\$ 310.50	78	\$ 24,219.00
700-1-60	SINGLE POST SIGN, REMOVE	AS	\$ 17.30	19	\$ 328.70
710-90	PAINTED PAVEMENT MARKINGS - FINAL SURFACE	LS	\$ 7,500.00	1	\$ 7,500.00

711-11-123	THERMOPLASTIC, STD., WHITE, SOLID, CROSSWALK, 12"	LF	\$	2.00	1421	\$	2,842.00
711-11-125	THERMOPLASTIC, STD., WHITE, SOLID, STOP LINE, 24"	LF	\$	3.70	297	\$	1,098.90
711-11-231	THERMOPLASTIC, STD., YELLOW, SKIP, 6", 10-30 SKIP OR 3-9 LANE DROP	GM	\$	460.00	1	\$	455.86
711-11-224	THERMOPLASTIC, STD., YELLOW, SOLID, DIAG. /CHEVRONS, 18"	LF	\$	2.70	131	\$	353.70
711-14-125	THERMOPLASTIC, PREFORMED, WHITE, SOLID, 24" FOR CROSSWALK	LF	\$	18.40	100	\$	1,840.00
711-14-170	THERMOPLASTIC, PREFORMED, WHITE, ARROW	EA	\$	315.00	1	\$	315.00
711-16-101	THERMOPLASTIC, STD., OTHER, WHITE, SOLID, 6"	GM	\$	4,600.00	1.44	\$	6,624.00
711-16-201	THERMOPLASTIC, STD., OTHER, YELLOW, SOLID, 6"	GM	\$	4,600.00	0.564	\$	2,594.40
TOTAL PRICE AMOUNT							\$ 1,059,175.86

Firm's Name:

FLORIDA ENGINEERING & DEVELOPMENT CORP.

Signature:



Print Name/Title:

JOSE VEGA - PRESIDENT

Email Address:

jose@floridaengineering.net

AIA Document A310 – 2010

Bid Bond

CONTRACTOR:

Florida Engineering and Development Corp.
12076 NW 98th Avenue
Hialeah Gardens, FL 33018

SURETY:

Berkley Insurance Company
475 Steamboat Road
Greenwich, CT 06830

OWNER:

Town of Miami Lakes
6601 Main Street
Miami Lakes, FL 33014

BOND AMOUNT:

Five Percent of Amount Bid (5% of Amount Bid)

PROJECT: NW 60th Avenue Bicycle/Pedestrian Improvements Project ITB No.: 2019-06

The Contractor and Surety are bound to the Owner in the amount set forth above, for the payment of which the Contractor and Surety bind themselves, their heirs, executors, administrators, successors and assigns, jointly and severally, as provided herein. The conditions of this Bond are such that if the Owner accepts the bid of the Contractor within the time specified in the bid documents, or within such time period as may be agreed to by the Owner and Contractor, and the Contractor either (1) enters into a contract with the Owner in accordance with the terms of such bid, and gives such bond or bonds as may be specified in the bidding or Contract Documents, with a surety admitted in the jurisdiction of the Project and otherwise acceptable to the Owner, for the faithful performance of such Contract and for the prompt payment of labor and material furnished in the prosecution thereof; or (2) pays to the Owner the difference, not to exceed the amount of this Bond, between the amount specified in said bid and such larger amount for which the Owner may in good faith contract with another party to perform the work covered by said bid, then this obligation shall be null and void, otherwise to remain in full force and effect. The Surety hereby waives any notice of an agreement between the Owner and Contractor to extend the time in which the Owner may accept the bid. Waiver of notice by the Surety shall not apply to any extension exceeding sixty (60) days in the aggregate beyond the time for acceptance of bids specified in the bid documents, and the Owner and Contractor shall obtain the Surety's consent for an extension beyond sixty (60) days.

If this Bond is issued in connection with a subcontractor's bid to a Contractor, the term Contractor in this Bond shall be deemed to be Subcontractor and the term Owner shall be deemed to be Contractor.

When this Bond has been furnished to comply with a statutory or other legal requirement in the location of the Project, any provision in this Bond conflicting with said statutory or legal requirement shall be deemed deleted herefrom and provisions conforming to such statutory or other legal requirement shall be deemed incorporated herein. When so furnished, the intent is that this Bond shall be construed as a statutory bond and not as a common law bond.

Signed and sealed this 14th day of March, 2019

Witness/Attest:

By: 

By: 

Florida Engineering and Development Corp.

By: 

Berkley Insurance Company

By: 

Warren M. Alter, Attorney-In-Fact

(Principal)

(Surety)

This document conforms to AIA Document A310 - 2010 BID BOND. THE AMERICAN INSTITUTE OF ARCHITECTS, 1735 NY AVE NW, WASHINGTON, DC 20006.

POWER OF ATTORNEY
BERKLEY INSURANCE COMPANY
 WILMINGTON, DELAWARE

NOTICE: The warning found elsewhere in this Power of Attorney affects the validity thereof. Please review carefully.

KNOW ALL MEN BY THESE PRESENTS, that BERKLEY INSURANCE COMPANY (the "Company"), a corporation duly organized and existing under the laws of the State of Delaware, having its principal office in Greenwich, CT, has made, constituted and appointed, and does by these presents make, constitute and appoint: **Warren M. Alter; David T. Satine; Dawn Auspitz; or Jonathan Bursevich of Alter Surety Group, Inc. of Miami Lakes, FL** its true and lawful Attorney-in-Fact, to sign its name as surety only as delineated below and to execute, seal, acknowledge and deliver any and all bonds and undertakings, with the exception of Financial Guaranty Insurance, providing that no single obligation shall exceed **Fifty Million and 00/100 U.S. Dollars (U.S.\$50,000,000.00)**, to the same extent as if such bonds had been duly executed and acknowledged by the regularly elected officers of the Company at its principal office in their own proper persons.

This Power of Attorney shall be construed and enforced in accordance with, and governed by, the laws of the State of Delaware, without giving effect to the principles of conflicts of laws thereof. This Power of Attorney is granted pursuant to the following resolutions which were duly and validly adopted at a meeting of the Board of Directors of the Company held on January 25, 2010:

RESOLVED, that, with respect to the Surety business written by Berkley Surety, the Chairman of the Board, Chief Executive Officer, President or any Vice President of the Company, in conjunction with the Secretary or any Assistant Secretary are hereby authorized to execute powers of attorney authorizing and qualifying the attorney-in-fact named therein to execute bonds, undertakings, recognizances, or other suretyship obligations on behalf of the Company, and to affix the corporate seal of the Company to powers of attorney executed pursuant hereto; and said officers may remove any such attorney-in-fact and revoke any power of attorney previously granted; and further

RESOLVED, that such power of attorney limits the acts of those named therein to the bonds, undertakings, recognizances, or other suretyship obligations specifically named therein, and they have no authority to bind the Company except in the manner and to the extent therein stated; and further

RESOLVED, that such power of attorney revokes all previous powers issued on behalf of the attorney-in-fact named; and further

RESOLVED, that the signature of any authorized officer and the seal of the Company may be affixed by facsimile to any power of attorney or certification thereof authorizing the execution and delivery of any bond, undertaking, recognizance, or other suretyship obligation of the Company; and such signature and seal when so used shall have the same force and effect as though manually affixed. The Company may continue to use for the purposes herein stated the facsimile signature of any person or persons who shall have been such officer or officers of the Company, notwithstanding the fact that they may have ceased to be such at the time when such instruments shall be issued.

IN WITNESS WHEREOF, the Company has caused these presents to be signed and attested by its appropriate officers and its corporate seal hereunto affixed this 14th day of November, 2017.

Attest:

(Seal)

By

Ira S. Lederman

Executive Vice President & Secretary

Berkley Insurance Company

By

Jeffrey M. Hafter

Senior Vice President

WARNING: THIS POWER INVALID IF NOT PRINTED ON BLUE "BERKLEY" SECURITY PAPER.

STATE OF CONNECTICUT)

) ss:

COUNTY OF FAIRFIELD)

Sworn to before me, a Notary Public in the State of Connecticut, this 14th day of November, 2017, by Ira S. Lederman and Jeffrey M. Hafter who are sworn to me to be the Executive Vice President and Secretary, and the Senior Vice President, respectively, of Berkley Insurance Company.

MARIA C. RUNDBAKEN
 NOTARY PUBLIC
 MY COMMISSION EXPIRES
 APRIL 30, 2019

Maria C. Rundbaken
 Notary Public, State of Connecticut

CERTIFICATE

I, the undersigned, Assistant Secretary of BERKLEY INSURANCE COMPANY, DO HEREBY CERTIFY that the foregoing is a true, correct and complete copy of the original Power of Attorney; that said Power of Attorney has not been revoked or rescinded and that the authority of the Attorney-in-Fact set forth therein, who executed the bond or undertaking to which this Power of Attorney is attached, is in full force and effect as of this date.

Given under my hand and seal of the Company, this 14th day of March, 2019

(Seal)

Vincent P. Forte
 Vincent P. Forte

WARNING - Any unauthorized reproduction or alteration of this document is prohibited. This power of attorney is void unless seals are readable and the certification seal at the bottom is embossed. The background imprint, warning and verification instructions (on reverse) must be in blue ink.

ADDENDUM ACKNOWLEDGEMENT FORM

Part I: Listed below are the dates of issue for each Addendum received in connection with this Bid:

Addendum No. <u>1</u> ,	Dated <u>2/20/19</u>
Addendum No. <u>2</u> ,	Dated <u>2/21/19</u>
Addendum No. _____,	Dated _____
Addendum No. _____,	Dated _____
Addendum No. _____,	Dated _____
Addendum No. _____,	Dated _____
Addendum No. _____,	Dated _____
Addendum No. _____,	Dated _____
Addendum No. _____,	Dated _____

_____ No Addendum issued for this ITB

Firm's Name: FLORIDA ENGINEERING AND DEVELOPMENT

Signature: [Signature]

Printed Name/Title: JOSE VEGA / PRESIDENT



RFP 2019-06

NW 60th Avenue Bicycle/Pedestrian Improvements Project

Addendum #1

Due Date: 11:00 AM, March 14, 2019

This addendum is incorporated into and made a part of the Request for Proposal ("RFP"). The following may include clarifications, revisions, additions, deletions, or answers to questions received relative to the RFP, which take precedence over the RFP documents. Underlined word(s) indicate additions. Deletions are indicated by strikethrough.

Clarifications:

Questions and Answers:

1. Is the pre-bid conference mandatory?

Response: No, the pre-bid conference for this ITB is non-mandatory.

2. What is the estimated value of this project?

Response: The estimated value of this project is approximately \$1,232,000.

JOSE VEGA
Name of Signatory
PRESIDENT
Title
3/14/19
Date

[Signature]
Signature
ZIMMERMANN ENGINEERING & DEV.
Name of Bidder



RFP 2019-06

NW 60th Avenue Bicycle/Pedestrian Improvements Project

Addendum #2

Due Date: 11:00 AM, March 14, 2019

This addendum is incorporated into and made a part of the Request for Proposal ("RFP"). The following may include clarifications, revisions, additions, deletions, or answers to questions received relative to the RFP, which take precedence over the RFP documents. Underlined word(s) indicate additions. Deletions are indicated by strikethrough.

Clarifications:

1. Section A, Notice to Bidders, Minimum Qualification Requirements, item 3 is hereby amended as follows:

"Be an FDOT pre-qualified contractor for work classes 7, 8, 10, 11, 12, 15, 28, 38, and 40, or include subcontractors that are FDOT pre-qualified for those work classes that the prime contractor is not pre-qualified to perform,"

2. Addendum #1, Questions and Answers, item 2 is hereby amended as follows:

"What is the estimated value of this project?"

Response: The estimated value of this project is approximately ~~\$1,232,000~~ \$914,600."

JOSE VERA

Name of Signatory

PRESIDENT

Title

3/14/19

Date

[Signature]
Signature

FLORIDA ENGINEERING & DEV.

Name of Bidder

**CERTIFICATE OF AUTHORITY
(IF CORPORATION)**

I HEREBY CERTIFY that at a meeting of the Board of Directors of Florida Engineering & Dev., a corporation organized and existing under the laws of the State of Florida, held on the 14th day of March, 2019, a resolution was duly passed and adopted authorizing (Name) Jose Vega as (Title) President of the corporation to execute bids on behalf of the corporation and providing that his/her execution thereof, attested by the secretary of the corporation, must be the official act and deed of the corporation. I further certify that said resolution remains in full force and effect.

IN WITNESS WHEREOF, I have hereunto set my hand this 14th day of March, 2019.

Secretary: _____

Print: Elna Reyes

**CERTIFICATE OF AUTHORITY
(IF PARTNERSHIP)**

I HEREBY CERTIFY that at a meeting of the Board of Directors of _____, a partnership organized and existing under the laws of the State of _____, held on the ____ day of _____, _____, a resolution was duly passed and adopted authorizing (Name) _____ as (Title) _____ of the to execute bids on behalf of the partnership and provides that his/her execution thereof, attested by a partner, must be the official act and deed of the partnership.

I further certify that said partnership agreement remains in full force and effect.

IN WITNESS WHEREOF, I have hereunto set my hand this _____, day of _____, 20____.

Partner: _____

Print: _____

**CERTIFICATE OF AUTHORITY
(IF INDIVIDUAL)**

I HEREBY CERTIFY that, I (Name) _____, individually and doing business as (d/b/a) _____ (If Applicable) have executed and am bound by the terms of the Bid to which this attestation is attached.

IN WITNESS WHEREOF, I have hereunto set my hand this _____, day of _____, 20____.

Signed: _____

Print: _____

NOTARIZATION

STATE OF Florida)

) SS:

COUNTY OF Miami Dade)

The foregoing instrument was acknowledged before me this 14 day of MARCH, 2019, by JOSE LEGA, who is personally known to me or who has produced _____ as identification and who (did / did not) take an oath.

SIGNATURE OF NOTARY PUBLIC

[Handwritten Signature]



EVELYN ALEMAN
Commission # GG 165528
Expires March 10, 2022
Bonded Thru Budget Notary Services

STATE OF FLORIDA

PRINTED, STAMPED OR TYPED

NAME OF NOTARY PUBLIC

SECTION F. QUESTIONNAIRE

This completed form must be submitted with the Bid. The Town may, at its sole discretion, require that the Bidder submit additional information not included in the submitted form. Such information must be submitted within seven (7) calendar days of the Town's request. Failure to submit the form or additional information upon request by the Town will result in the rejection of the Bid as non-responsive. Additional pages may be used following the same format and numbering. Some information may not be applicable, in such instances insert "N/A".

By submitting its Bid the Bidder certifies the truth and accuracy of all information contained herein.

A. Business Information

1. How many years has your company been in business under its current name and ownership?

16

- a. Professional Licenses/Certifications (include name and number)* Issuance Date

GENERAL CONTRACTOR #045310

GENERAL ENGINEERING E0900376

FOOT CERTIFICATION

4/18

(*include active certifications of small or disadvantage business & name of certifying entity)

- b. Date company was licensed by the State of Florida or Miami-Dade County: 12/10/02

- c. State and Date of Incorporation: FLORIDA

- c. What is your primary business? GENERAL CONTRACTOR

(This answer should be specific)

- d. Name of Qualifier, license number, and relationship to company:

JOSE VEGA / #045310 / PRESIDENT

- e. Names of previous Qualifiers during the past five (5) years including, license numbers, relationship to company and years as qualifier for the company

N/A

2. Name and Licenses of any prior companies

Name of Company License No. Issuance Date

N/A

3. Type of Company:

☒ Corporation ☐ "S" Corporation ☐ LLC ☐ Sole Proprietorship ☐ Other: _____

(Corporations and LLCs will be required to provide a Certificate of Authority, copy of their corporate resolution, or other proof of signing authority prior to executing a contract)

[Main Menu](#) | [Update Profile](#) | [Logout](#) | [Contact Us](#)Logged in as **Vega, Jose Antonio****Certified General Contractor #CGC045310****License Menu**

Select the function you wish to perform.
Press "Back" to return to the main menu.

License Issued To:	VEGA, JOSE ANTONIO
DBA Name:	FLORIDA ENGINEERING AND DEVELOPMENT CORP
License Status:	Current, Active
Originally Licensed On:	11/19/1988 (mm/dd/yyyy)
Expires On:	08/31/2020 (mm/dd/yyyy)
Modifiers:	Construction Business 12/02/2008 (mm/dd/yyyy)

Functions[Change of Status from Active to Inactive](#)[Address Change](#)[Print Inactive Receipt](#)[Print License Certificate](#)[View My Continuing Education](#)[Remove This License From My Account](#)**Back**

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Under Florida law, email addresses are public records. If you do not want your e-mail address released in response to a public-records request, do not send electronic mail to this entity. Instead, contact the office by phone or by traditional mail. If you have any questions, please contact 850.487.1395. *Pursuant to Section 455.275(1), Florida Statutes, effective October 1, 2012, licensees licensed under Chapter 455, F.S. must provide the Department with an email address if they have one. The emails provided may be used for official communication with the licensee. However, email addresses are public record. If you do not wish to supply a personal address, please provide the Department with an email address which can be made available to the public. Please see our [Chapter 455](#) page to determine if you are affected by this change.



www.miamidade.gov/economy



Jaime D. Gascon, P.E.
Secretary of the Board
Miami-Dade County retains all property rights herein.

0001
QUALIFYING TRADE(S)
GENERAL ENGINEERING



CTQB
Construction Trades Qualifying Board
BUSINESS CERTIFICATE OF COMPETENCY

E0900376

FLORIDA ENGINEERING & DEVELOPMENT CORP
D.B.A.: **MIAMI-DADE COUNTY**

Omar Medina
MEDINA OMAR

Is certified under the provisions of Chapter 10 of Miami-Dade County





Florida Department of Transportation

RICK SCOTT
GOVERNOR

605 Suwannee Street
Tallahassee, FL 32399-0450

MIKE DEW
SECRETARY

April 26, 2018

FLORIDA ENGINEERING & DEVELOPMENT CORP
12076 NW 98TH AVE
HIALEAH GARDENS, FLORIDA 33018

RE: CERTIFICATE OF QUALIFICATION

Dear Sir/Madam:

The Department of Transportation has qualified your company for the type of work indicated below. Unless your company is notified otherwise, this Certificate of Qualification will expire 6/30/2019. However, the new application is due 4/30/2019.

In accordance with S.337.14 (1) F.S. your next application must be filed within (4) months of the ending date of the applicant's audited annual financial statements.

If your company's maximum capacity has been revised, you can access it by logging into the Contractor Prequalification Application System via the following link:
<HTTPS://fdotwpl.dot.state.fl.us/ContractorPreQualification/>

Once logged in, select "View" for the most recently approved application, and then click the "Manage" and "Application Summary" tabs.

FDOT APPROVED WORK CLASSES:

DRAINAGE, FENCING, GRADING, GRASSING, SEEDING AND SODDING, ROADWAY SIGNING, SIDEWALK, Water Main

You may apply for a Revised Certificate of Qualification at any time prior to the expiration date of this certificate according to Section 14-22.0041(3), Florida Administrative Code (F.A.C.), by accessing your most recently approved application as shown above and choosing "Update" instead of "View." If certification in additional classes of work is desired, documentation is needed to show that your company has done such work with your own forces and equipment or that experience was gained with another contractor and that you have the necessary equipment for each additional class of work requested.

All prequalified contractors are required by Section 14-22.006(3), F.A.C., to certify their work underway monthly in order to adjust maximum bidding capacity to available bidding capacity. You can find the link to this report at the website shown above.

Sincerely,

Alan Autry, Manager
Contracts Administration Office

AA:cj

4. Company Ownership

a. Identify all owners of the company

Name	Title	% of ownership
JOSE REGA	PRESIDENT	100

b. Is any owner identified above an owner in another company? ☐ Yes ☒ No

If yes, identify the name of the owner, other company names, and % ownership

c. Identify all individuals authorized to sign for the company, indicating the level of their authority
(use additional pages/attachments if necessary)

Name	Title	Signatory Authority (All, Cost Up to \$Amount, No-Cost, Other)
JOSE REGA	PRESIDENT	ALL
OMAR MEDINA	VICE-PRESIDENT	No - Cost
GINA ROYER	SECRETARY	No - Cost

5. Employee Information

Total No. of Employees: 120 Number of Managerial/Admin. Employees: 12

Number of Trades Personnel and total number per classification:

(Ex. 20 Electricians, 50 Laborers, 12 Plumbers, etc. Apprentices must be listed separately for each classification)

Underground Utilities — 45 Drivers & Mechanical — 16

Earthwork — 35

Roadway — 12

6. Will a Labor Force Company be used to provide workers? ☐ Yes ☒ No

If yes, Bidder must complete and submit the Leased Employee Affidavit with its Bid.

7. Has any owner or employee of the company ever been convicted of a federal offense or moral turpitude? ☐ Yes ☒ No

If yes, please explain:

8. Insurance Information

a. Insurance Carrier name & address: Collinsworth, Alter, Fowler & French
800 Governors Sq. #301, Miami Lakes, FL 33016

b. Insurance Contact Name, telephone, & e-mail: DAMIAN DE PAZ
305-503-9159 ; ddepaz@caffllc.com

c. Insurance Experience Modification Rating (EMR): 0.67
(if no EMR rating please explain why)

d. Number of Insurance Claims paid out in last 5 years & value: — 0 —

9. Surety Information

a. Bond Carrier name & address: Alter Surety Group, Inc.
5979 NW 151st St. #202, Miami Lakes, FL 33014

b. Bond Carrier Contact Name, telephone, & e-mail: Dawn Auspitz
305-517-3803 Ext: 301 ; dawn@altersurety.com

c. Number of Bond Claims paid out in last 5 years & value: — 0 —

d. As an attachment to this Questionnaire, provide a letter from the bonding surety stating that the Bidder is capable of meeting the bonding requirements provided for in Section C3.05 of the ITB.

10. Have any claims lawsuits been file against your company in the past 5 years? ☐ Yes ☐ No

If yes, identify all where your company has either settle or an adverse judgment has been issued against your company. Identify the year basis for the claim or judgment & settlement unless the value of the settlement is covered by a written confidentiality agreement.

N/A

11. To the best of your knowledge is your company or any officers of your company currently under investigation by any law enforcement agency or public entity? ☐ Yes ☐ No

If yes, provide details:

N/A

12. Has your company been assessed liquidated damages or defaulted on a project in the past five (5) years? ☐ Yes ☒ No

If yes, provide an attachment that provides an explanation of the project and an explanation.

13. Has your company been cited for any OSHA violations in the past five (5) years? ☐ Yes ☒ No

If yes, please provide an attachment including all details on each citation.

14. Provide an attachment listing all of the equipment, with a value of \$3,000 or greater, owned by your company. See Attached

15. Provide an attachment listing of all equipment that your company does not own but plans to rent, lease, or borrow for the performance of the Work N/A

16. Is your company capable of performing at least forty percent (40%) of the Work required under this ITB? ☒ Yes ☐ No

B. Project Management & Subcontract Details

1. Project Manager for this Project:

a. Name: OMAR MEDINA

b. Years with Company: 10

c. Licenses/Certifications: General Engineering

d. Last 5 projects with the company including role, scope of work, & value of project:

See Attached

2. Subcontractors (use additional pages/attachments if necessary):

Name	Trade/Work to be performed	% of Work	License No.
<u>P&T STAMPING</u>	<u>STAMPING & SIGNAGE</u>	<u>9.80%</u>	
<u>PERMEABLE CONCRETE</u>	<u>Soil. Porous Pavement</u>	<u>9.00%</u>	
<u>WORKING ASP.</u>	<u>MM & ASPHALT</u>	<u>21.80%</u>	

Florida Engineering & Development corp.

12076 NW 98th Ave.

Hialeah Gardens Fl. 33018

Equipment List**Responsible: Christy****Date: 3/1/2018**

CONSTRUCTION EQUIPMENT							
ITEM	Pur.Date	Memo	Make - Model	Year	Hours	Serial Number	Equipt. No.
CONSTRUCTION EQUIPMENT							
EXCAVATOR							
	6/15/2013	Excavator	John Deere 200D-LC	2011		1FF200DXJBD513517	E15
	9/26/2013	Excavator	Case CX210// Warranty	2011	1900	NBSAH3662	E17
	2/20/2014	Excavator	John Deere 120	2006	2685	FF120CXO35808	E18
	5/9/2014	Excavator	John Deere 350	2008	6085	FF350DX806296	E19
	8/1/2014	Excavator	Hitachi 350	2008		FF00ASP920211	E21
	8/20/2014	Excavator	John Deere 350	2012	2167	1FF350GXTCE808707	E22
	10/23/2014	Excavator	John Deere 120	2007	4692	FF120CXO36483	E23
	12/10/2014	Excavator	John Deere 350G-LC	2012	2375	1FF350GXJCE808713	E25
	12/31/2014	Excavator	Case CX 225	2007	4985	DAC251361	E26
	8/16/2016	Excavator	John Deere 200D LC	2011	3876	1FF200DXTBD512783	E30
MINI EXCAVATOR							
	8/29/2013	Mini Excavator	Case CX25	2006		DFE0001379	E16
	5/15/2014	Mini Excavator	Komatsu PC 50 MR-2	2004	3587	K5148	E20
	10/28/2014	Mini Excavator	John Deere 85D	2011	2419	1FF085DXJA0016339	E24
	5/21/2015	Mini Excavator	Bobcat E-50	2010	2207	AG3N11107	E27
	8/13/2015	Mini Excavator	Bobcat E-35	2013	1105	A93K16972	E28
	10/22/2015	Mini Excavator	Bobcat325G	2011	481	AAC513507	E29
	8/16/2017	Compact Excavator	E35 25 HP ZTS Bobcat Compact	2017	0	B3Y211169	E31
BACKHOE							
	12/11/2007	Backhoe	John Deere 310G	2004		310GX931245	B12
	2/18/2013	Backhoe	JD 410G 4x4 Quick Cpl Forks	2004	2987	T0410GX92XXXX	B14
	8/15/2013	Backhoe	JD 310g 4X4 Extended Hoe	2004		T0310GX939368	B15
	2/14/2014	Backhoe	JD 310J 4x4 Backhoe	2010	1159	1T0310JXLA0190668	B16
	5/15/2014	Backhoe	John Deere 410G 4x4	2006	3409	T0410GX955883	B17
DOZER							
	12/11/2007	Dozer	John Deere 650H	2002		907495	D12
	2/21/2014	Dozer	John Deere 450H	2010	4526	1T0450JXAA0184392	D13
	8/16/2016	Dozer	John Deere 650J LGP	2011	3865	1T0650JXCBD203295	D14
	2/27/2017	Dozer	John Deere 650J XLT Crawler Tr	2011	2810	1T0650JXAA0192467	D15
LOADER							
	6/22/1999	Wheel Loader	John Deere 544G	1994		544G SN 546647	L11
	10/9/2007	Wheel Loader	John Deere 544H	1999		544H SN 571196	L12
	8/7/2008	Wheel Loader	John Deere 544J	2005		544j 2599483	L13
	10/24/2013	Wheel Loader	John Deere 544H	2003		DW544HX589008	L14
	5/15/2014	Wheel Loader	John Deere 544H	2001	9711	DW554HX578856	L15
	10/31/2014	Wheel Loader	Case 621E	2012	1165	NBF211402	L16
	2/16/2015	Wheel Loader	John Deere 544	2012		1DW544KZCBD641628	L17
	5/31/0016	Wheel Loader	John Deere 644K	2010	5255	DW644KZ627162	L18
	1/27/2017	Wheel Loader	John Deere 624K	2015		1DW624KZPFF668268	L19
ROLLER							
	10/9/2007	Roller	Bomag BW 124	2000		109A21902212	R602
	12/10/2009	Asphalt Roller	Dynapac	2004		60212837	R603
	10/20/2014	Roller	Bomag BW 211D-50	2014		901583531157	R604

	8/13/2013	Roller	Bomag BW135AD	2005		101650121671	R605
	10/27/2015	Roller	Ingersoll-Rand DD29 Tandem Rc	2007	469	194360	R606
	2/27/2017	Roller	Bomag BH213DH-40	2011	1653	901582561140	R607
Grader							
	8/7/2008	Grader	Champion 710A	1996	2847	XO25759	G701
	10/4/2005	Grader	Champion C50A	2000		200900	G702
SKID STEER							
	2/18/2013	Skid Steer	Bobcat T300 High Flow MT	2007	2088	53201xxxx	SS803
	8/15/2013	Skid Steer	Bobcat T250 Multi Terrain	2006		531811529	SS804
	2/15/2016	Skid Steer	Bobcat S175	2010		A3L535925	SS806
		Skid Steer	Bobcat T650 Compact Track Loa	2017		ALJG22615	SS807
Forklift							
	12/10/2009	Forklift	Clark			GPX711-0029-9330	FL11
Trencher							
	3/11/2011	Trencher					
PICKUP TRUCKS							
	10/14/2014	Pick Up	F-150 4x4	2014		1FTFW1ET2EFB44008	PU11
	12/10/2008	Pick up	Ford F-150	2005		1FTRF12XXXX55828	PU13
	12/10/2008	Pick up	Ford F-150	2004		1ftrf12w04nc46312	PU14
	2/19/2005	Pick Up	Ford F-150	2005		1FTRX12W55FA66557	PU15
	8/16/2011	Pick Up	Chevy Silverado	2007		1GCEC19X57Z102502	PU16
	7/2/2007	Pick Up	NISSAN TITAN	2006		1NGBA07A7GN535372	PU18
	10/24/2013	Pick Up	Ford F-150 XL	2008		1FTPF12V58KC51785	PU19
	10/24/2013	Pick Up	Ford F-150 XL Extended Cab	2007		1FTPX12517KD36828	PU20
	5/15/2014	Pick Up	Ford F-150 XLExt Cab 4x4	2008	108740	1FTRF14V28KE55823	PU21
	11/7/2014	Pick Up	FORD F-150	2014		1FTEW1CM2EFB94673	PU22
	4/2/2015	Pick Up	Ford F-150	2006		1FTRF12216NAO1843	PU23
	5/21/2015	Pick Up	Ford F-250 XL Crew Cab	2008	54883	1FTSW21528EA08175	PU24
	5/21/2015	Pick Up	Ford F-150 XL Extended Cab	2007	69193	1FTRF12WX7NA47871	PU25
	2/16/2016	Pick Up	Ford F250 XL Extended Cap	2008	130669	1FTNX20598EA16754	PU27
	2/15/2016	Pick Up	Ford Ranger Extended Cab	2010	98499	1FTKR1ED1APA45151	PU28
		Pick Up	Ford F150	2016		1FTEX1C8XGFA20210	PU29
	5/31/2016	Pick Up	GMC - Sierra 1500	2016		1GTR1LEHXGZ208428	PU30
	7/26/2017	Pick Up	Chevrolet Silverado 1500	2017		1GCNCNEH1HZ233949	PU31
	7/26/2017	Pick Up	Chevrolet Silverado 1501	2017		1GCNCNEH4HZ234030	PU32
DUMP TRUCKS							
	12/10/2009	Dump Truck T/ax	Peterbilt	1994		1XPFBDB9X3RN364566	DT102
	9/22/2009	Dump Truck T/ax	International	1994		2HSFLAHN2RCO88439	DT101
	9/21/2012	Dump Truck T/ax	Ford L9000	1995	273261	1FDYU90TXSVA71987	DT103
	2/18/2013	Dump Truck T/ax	Sterling A9500	1999	453705	2FZXKPYBXXABO3082	DT104
	8/29/2013	Dump Truck T/ax	Mack RD690S	1999		1M2P264C6XM027315	DT105
	6/2/2014	Dump Truck T/ax	Peterbilt	1998	484918	1NPAXA0X0WN470665	DT106
FUEL TRUCK							
	9/30/2015	International Truck 4400		2009		1HTMKAAN99H049193	FT22
TRAILERS-LOWBOY							
	4/20/2005	Tag Along Trailer	Interstate	1998		1JK0DT18XWA000104	TL11
	2/21/2006	Lowboy	Roger	1987		1RBH46309HA520621	TL12
	9/21/2012	Flat Bed Trailer	Hiboy 44 x 96 T/A	2003		1UYFS24583A077401	TL13
	5/16/2013	Lowboy	FontaineTB50NGB	1996		4LF4S4838T2504760	TL14
	6/5/2015	Trailer	Utility Trailer	2015		4YMUL1012FG028998	TL15

FLAT BED TRUCKS

5/16/2013	Flat Bed M6500	Sterling	2002		2FZAAHAL22AJ68743	FB21
12/23/2010	International Truck	4700	2001		1HTSCAANX1H286414	FT21-FB22
5/25/2016	Flat Bed Truck	Peterbilt	2004	455626	2npnhd7x44m817952	FB23
12/6/2017	Flat Bed Truck	Ford F650 XLT Rollback Truck	2004		3FRNF65N44V662126	FB24

SERVICE TRUCKS

12/13/2006	Service Truck	Ford F-550 (Out of Service)			V94786	MT11
5/27/2008	Service Pick up	Ford F-450	2002		1FDXF47F02ED40331	MT12
8/15/2013	Service Truck	F-550 XL	2007		1FDAF56P17EB26347	MT13
8/14/2014	Ser	Ford F550 XL Crew Cab Mechan	2004		1FDAW56P54EC571269	MT14
5/25/2016	Service Truck	F450XL	2005	196004	1FDX46P35EB48688	MT15

Water Truck

5/27/2008	Water Truck	International	1992		1HSHEA7N5NH426892	WT11
10/22/2015	Water Truck	International - 4200	2006	37754	1HTMPAFP96H344575	WT12

Sweeper

12/10/2009	Sweeper Attachment Bobcat					SP11
8/15/2013	Case DX45 4x4 Broom Case		2004		HBA018128	SP12

Trucks-Tactor

10/27/2010	2001 Freight Liner Tri Low Boy Truck		2001		1FUJAHCG71PF97449	TT11
12/23/2004	International Truck Tractor		1990		2HSFEG2R8LC031324	TT12
	Mack Truck Tractor		2000			TT13

Vac Truck

12/6/2016	Vac Truck	International 2554 T/A Hydro Vac	1998		1HTGCAAT4WH503516	VT11
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OMAR A. MEDINA
4138 SAPPHIRE TERRACE
Weston FL 33331
Home (954) 3840577
Cell (954) 297 1148
Email omarm26@hotmail.com

EDUCATION

Bachelor of Science in Civil Engineering– Universidad de la Salle Colombia, 1996
Seminar for updates in sewage system design- Pontificia Universidad Javeriana, 1996
FDOT Course Maintenance of Traffic – Miramar Florida, 2003
Primavera Expedition – Schedule – Miami Florida, 2006
General Engineering License Active.

SUMMARY

Mr. Medina has over 22 years experience in the fields of Engineering and Project /Construction Management. His career has been focused in the construction sector and municipal design. His background includes Construction Management, inspections, design and construction of pipelines, drainage, pump stations and highways. He has excellent organizational and works well with others. Mr. Medina's project experience and technical expertise includes the following:

EXPERIENCE

Florida Engineering and Development Corp. **March 2008 to Present**

Vice President managed the following Projects:

- Aviation Project City of Opalocka Include: Drainage System, Water Systems, Sewer System, Force Main System, FPL Ducts, AT&T Ducts, Signalization System, concrete sidewalks, Asphalts Roadways. Work inspected by FDOT, DADE County, WASD, DERM.
- Building Expansion 3505 Warehouse at city of Doral the work include: Building pad, water main, sewer main, Drainage System, Asphalts, concretes, etc.
- South Side Elementary site contractors the work include: mass excavation for underground parking lot, Well Drainage, Drainage collection system, ejector pump, water system, sewer system, asphalts, concretes, etc.

AM Engineering Contractors January 2007 to March 2008

Vice President managed the following projects:

- Ferguson High School, Site contractors the work include: Demolition, Building Pad, water system, sewer system, Drainage system, special sidewalks for schools, etc.

- Leewood Elementary School, Site contractors the work include: Demolition, Building Pad, water system, sewer system, Drainage system, special sidewalks for schools, etc.
- Mary Brickell Village Project Include five (5) Lift stations, drainage systems, sewer systems, concretes and asphalt restoration.

Petro Hydro Inc., Miami, FL May 1999 to September 2007

Project Manager responsible for profitably managing all administrative and field construction activities include preparing procedures and/or job progress reports monitoring job cost & work status, preparing projects safety, maintaining a working relationship with public works, owners, architects, vendors, subcontractors, creating project schedules and change orders management. He exercises considerable independent judgment in the application of the principles and practices of planning, design, construction and administration of a variety of construction projects. As Project Manager, Mr. Medina has been responsible for managing and requisitioning over \$800,000 monthly. He has been instrumental with negotiating subcontractor contracts and maintaining relationships with city, county and governmental officials. His responsibilities include the mentoring of several site project engineers and managing several construction crews with a minimum production of \$500,000 monthly. He is responsible for scheduling projects from their inception to final close out. Managing work orders and staying on track with schedules and budgets as well as conduct on-site client and team meetings.

Mr. Medina's project technical expertise includes the following:

- Jardack Construction, Shakill Investment Center Drainage, Paving, and Water system.
- City of Fort Lauderdale, Progresso Project, Sanitary sewer, water mains, drainage system.
- Broward County, Broward Gardens, Sanitary Sewer, Lift Station. Improvements.
- Town of Medley. Roadway Restorations, Drainage, Sidewalks.
- FOOT Push Bottoms. Asphalt, Milling, Drainage, Sidewalks.
- FOOT NE 6 AVE. Drainage System and Asphalt Roadway over 1.5 miles.
- FOOT AJA. Asphalt Roadway over 2.0 miles, special sidewalks and stamp crosswalk city of Miami Beach.
- City of Palmetto Bay. Drainage Improvements.
- City of Coral Springs. Water mains improvement.
- City of South Miami.
- Miami Dade County, PTP People Transportation Plan.
- City of Miami Road Rehabilitation Project. FEMMA SW 147 Ave and 88 Street.
- City of Lauderhill Culvert Replacement Project. DERM Storm water Improvement Project.

Project Estimator responsible for completing estimated for construction projects including quantity of materials, pricing, budgeting, value analysis, prepare

square foot estimates, detail conceptual estimated, working drawing estimates, proposal/bid or GPM estimates, systems comparisons, historical cost reports, and value engineering alternatives.

Dade County, Palm beach County, FOOT projects, Broward County, City of Miami, City of Lauderhill, City of Miami Beach, City of South Miami, City of West Palm Beach,

Omar Medina (Various) – Colombia. May 1997– February 1999

Construction Management and Resident Engineer responsible for coordination of the design consultant and construction contractor, administration of change orders, claims, clarifications, inspections, pay request, general documentation and shop drawings review. Construction projects include force main, raw water transmissions mains, pavement and sidewalk restoration. Expansion of the Water Treatment Plant including flocculation/sedimentation basins, deep bed anthracite filters, clear-well tank, water intake and pump station rehabilitation. Projects also include the construction of a Tourist Pier located at the town of Puerto las Guamos.

Responsible for civil/mechanical design, construction drawings using CAD, cost estimate analysis and summary of bill of materials. Projects include force main design, drainage design, water and wastewater facilities for the city of Riohacha – Colombia, pump station design for the City of Valledupar – Colombia, Master Plan design for the City of El Banco Magdalena – Colombia.

Computer Aided Design (CAD):

Microstation J

AutoCad

Corel Draw Presentation Graphics)

Other Computer Software Used: Used:

Primavera

Contractor

Primavera Expedition

Outlook.

Microsoft Project (Scheduling)

Primavera Contractor (Scheduling)

Microsoft Excel (Spreadsheet)

Microsoft Word (Word Processing)

Microsoft PowerPoint

(Presentation)

Windows NT (Operating System @ Administrator level)



www.miamidade.gov/economy



Jaime D. Gascon, P.E.
Secretary of the Board
Miami-Dade County retains all property rights herein.

QUALIFYING TRADE(S)
GENERAL ENGINEERING

0001



CTQB
Construction Trades Qualifying Board
BUSINESS CERTIFICATE OF COMPETENCY

E0900376

FLORIDA ENGINEERING & DEVELOPMENT CORP

D.B.A.:

Omar Medina
MEDINA OMAR

Is certified under the provisions of Chapter 10 of Miami-Dade County



3. Scope of actual Work to be performed by your company and the corresponding percentage of the work: (This does not include such items as insurance * bonds, dumpsters, trailers, and other similar non-construction work items)

Earthwork, Cleaning & Grubbing, Demolition, Asphalt Path, Concrete — 47%

C. Current and Prior Experience:

1. Current Experience including current under projects or contracts, recently awarded, or pending award (Provide an attachment to this questionnaire that lists all such contracts or projects, including the owner's name, title and value of project, scope of work, projected or actual start date, projected completion date). see Attached
2. Prior contracts or projects of a similar size, scope, and complexity: Provide an attachment to this Questionnaire that includes contracts or projects the Bidder considers of a similar, size, scope and complexity that the Town should consider in determining the Bidders responsiveness and responsibility. This attachment must demonstrate the requisite number of projects stated in the Minimum Qualifications portion of Section A, Notice to Bidders. Information provided must include the owner's name, address and contact person, including telephone and e-mail, title of contract or project, scope, initial value and final cost of the contract or project, projected and final timeframes for completion. Please use the attached Client Reference & Contact Information Form and include in Bid. see - Vendor References Form

D. Declaration

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

Executed on 3/14/19 (date)

Authorized representative (print): JOSE VEGA / PRESIDENT

Authorized representative (signature): [Signature]



CLIENT REFERENCE & CONTACT INFORMATION FORM

On the following pages, the Bidder shall provide the information indicated for three (3), but no more than five (5) separate and verifiable references in a government market for projects that are comparable in size, scope, complexity, and cost (over \$750,000) within the last five (5) years to meet the minimum requirements of the ITB. The same reference may not be listed for more than one (1) organization and confidential references shall not be included.

References that are listed as subcontractors in the response will not be accepted as references under this solicitation. Entities having an affiliation with the Bidder (i.e. currently parent, subsidiary having common ownership, having common directors, officers or agents or sharing profits or liabilities) will not be accepted as references under this solicitation.

The Procurement Department will attempt to contact the references provided by the Bidder to complete the Client Reference Survey for references. The total number of references contacted to complete a Client Reference Survey for Past Performance for any response will be at least three (3), but no more than five (5). References should be available for contact during normal business hours, 9:00 AM – 5:00 PM, Eastern Time. The Procurement Department will attempt to contact each reference by telephone no less than two times. References will be given seven (7) business days to confirm Bidder's performance in order to be considered a "verified reference." In the event the contact person indicated cannot be reached following four attempts or is unwilling to provide the requested information, the reference will be considered "unverified" for purposes of this ITB. It is the Bidder's responsibility to provide complete and accurate information for each reference, the Procurement Department **will not** correct incorrectly supplied information. No claim of lack of information or error will relieve Bidder of this responsibility.

Procurement reserves the right to contact references other than those identified by the Bidder to obtain additional information regarding past performance. Any information obtained as a result of such contact may be used to determine whether or not the Bidder is a "responsible vendor", as defined in section 287.012(25), Florida Statutes, as may be amended from time to time.

Vendor Reference Form

Reference #1 (required)

Proposer's Name: FLORIDA ENGINEERING AND DEVELOPMENT

Reference's Name: CITY OF WEST PARK

Address: 1965 SR 7, WEST PARK, FL 33023

Name of Project: SW 40th AVENUE COMPLETE STREET IMPROVEMENTS

Contact Person (Name/Title): GREGG PERRY / CITY ENGINEER

Contact Telephone #: 786-251-9291 Contact E-Mail Address: gperry@perrintl.com

Location of Services: CITY OF WEST PARK (SW 40th Ave.)

Initial Contract Value: \$ _____ Final Contract Value: \$ 1,800,000 -

Is the Contract still active?: ☐ Yes ☒ No Number of Change Orders: _____

Start Date: _____ Completion Date: 4/18

Brief description of the scope of work performed for this reference:

Earthwork, Drainage, Concrete, Landscape, Irrigation and
Roadway Improvements.

(For Official Use Only)

<input type="checkbox"/> Attempt 1	Time: _____	Date: _____	<input type="checkbox"/> Message Left <input type="checkbox"/> Verified
<input type="checkbox"/> Attempt 2	Time: _____	Date: _____	<input type="checkbox"/> Message Left <input type="checkbox"/> Verified
<input type="checkbox"/> Attempt 3	Time: _____	Date: _____	<input type="checkbox"/> Message Left <input type="checkbox"/> Verified
<input type="checkbox"/> Attempt 4	Time: _____	Date: _____	<input type="checkbox"/> Message Left <input type="checkbox"/> Verified

Vendor Reference Form

Reference #2 (required)

Proposer's Name: FLORIDA ENGINEERING AND ENGINEERING

Reference's Name: CITY OF DORAL

Address: 8401 NW 53rd TERRACE, DORAL, FL 33166

Name of Project: NW 66th STREET ROADWAY IMPROVEMENTS

Contact Person (Name/Title): CARLOS ARROYO

Contact Telephone #: 305-593-6740 ext: 6009

Contact E-Mail Address: carlos.arroyo@cityofdoral.com

Location of Services: CITY OF DORAL

Initial Contract Value: \$ _____ Final Contract Value: \$ 4,183,000 =

Is the Contract still active?: ☐ Yes ☒ No Number of Change Orders: _____

Start Date: _____ Completion Date: 6/17

Brief description of the scope of work performed for this reference:

Earthwork, Drainage, Concrete, Lighting, Landscape and
ROADWAY CONSTRUCTION.

(For Official Use Only)

<input type="checkbox"/> Attempt 1	Time: _____	Date: _____	<input type="checkbox"/> Message Left <input type="checkbox"/> Verified
<input type="checkbox"/> Attempt 2	Time: _____	Date: _____	<input type="checkbox"/> Message Left <input type="checkbox"/> Verified
<input type="checkbox"/> Attempt 3	Time: _____	Date: _____	<input type="checkbox"/> Message Left <input type="checkbox"/> Verified
<input type="checkbox"/> Attempt 4	Time: _____	Date: _____	<input type="checkbox"/> Message Left <input type="checkbox"/> Verified

Vendor Reference Form

Reference #3 (required)

Proposer's Name: FLORIDA ENGINEERING AND DEVELOPMENT

Reference's Name: AVIATION & COMMERCE CENTER

Address: 14350 NW 56 Ct, Miami, FL 33054 Suite #108

Name of Project: NW 145th STREET ROADWAY CONSTRUCTION - NORTHERN SWAGE

Contact Person (Name/Title): AL HERNANDEZ

Contact Telephone #: 305-796-3669

Contact E-Mail Address: ahernandez@cpfinc.com

Location of Services: CITY OF OPA LOCKA

Initial Contract Value: \$ _____

Final Contract Value: \$ 3,650,000 -

Is the Contract still active?: ☐ Yes

☐ No

Number of Change Orders: _____

Start Date: _____

Completion Date: 8/30/16

Brief description of the scope of work performed for this reference:

Earthwork, Drainage, Water Main, Sewer Main, Force Main, Concrete, Lighting, Landscape, Irrigation and Roadway Construction.

(For Official Use Only)

☐ Attempt 1 Time: _____

Date: _____

☐ Message Left ☐ Verified

☐ Attempt 2 Time: _____

Date: _____

☐ Message Left ☐ Verified

☐ Attempt 3 Time: _____

Date: _____

☐ Message Left ☐ Verified

☐ Attempt 4 Time: _____

Date: _____

☐ Message Left ☐ Verified

Vendor Reference Form

Reference #1 (required)

Proposer's Name: PLOMBA ENGINEERING AND DEVELOPMENT
Reference's Name: CITY OF SUNNY ISLES BEACH
Address: 18070 Collins Ave. Sunny Isles Beach, FL 33160
Name of Project: NW 174th STREET ROADWAY RECONSTRUCTION
Contact Person (Name/Title): ELKA LINTON / CAPITAL PROJECT MANAGER
Contact Telephone #: 305-484-4799 Contact E-Mail Address: _____
Location of Services: CITY OF SUNNY ISLES BEACH
Initial Contract Value: \$ _____ Final Contract Value: \$ 3,800,000
Is the Contract still active?: ☐ Yes ☒ No Number of Change Orders: _____
Start Date: _____ Completion Date: 2/17

Brief description of the scope of work performed for this reference:

Earthwork, Drainage, Concrete, Lighting, Landscape, Irrigation and Roadway Reconstruction.

(For Official Use Only)

<input type="checkbox"/> Attempt 1	Time: _____	Date: _____	<input type="checkbox"/> Message Left <input type="checkbox"/> Verified
<input type="checkbox"/> Attempt 2	Time: _____	Date: _____	<input type="checkbox"/> Message Left <input type="checkbox"/> Verified
<input type="checkbox"/> Attempt 3	Time: _____	Date: _____	<input type="checkbox"/> Message Left <input type="checkbox"/> Verified
<input type="checkbox"/> Attempt 4	Time: _____	Date: _____	<input type="checkbox"/> Message Left <input type="checkbox"/> Verified

Vendor Reference Form

Reference #1 (required)

Proposer's Name: FLORIDA ENGINEERING AND DEVELOPMENT

Reference's Name: CODINA PARTNERS / CITY OF DORAL

Address: 2020 SALZEDO ST. CORAL GABLES, FL, 33134

Name of Project: DOWNTOWN DORAL INFRASTRUCTURE- PHASE 2

Contact Person (Name/Title): GUS MINQUEZ

Contact Telephone #: 305-302-1898 Contact E-Mail Address: _____

Location of Services: CITY OF DORAL

Initial Contract Value: \$ _____ Final Contract Value: \$ 3,500,000

Is the Contract still active?: ☐ Yes ☒ No Number of Change Orders: _____

Start Date: _____ Completion Date: 7/30/16

Brief description of the scope of work performed for this reference:

Earthwork, Drainage, Water Main, Sewer Main,
Concrete, Hardscape, Lighting, Landscape, Irrigation,
and Roadway Construction.

(For Official Use Only)

<input type="checkbox"/> Attempt 1	Time: _____	Date: _____	<input type="checkbox"/> Message Left <input type="checkbox"/> Verified
<input type="checkbox"/> Attempt 2	Time: _____	Date: _____	<input type="checkbox"/> Message Left <input type="checkbox"/> Verified
<input type="checkbox"/> Attempt 3	Time: _____	Date: _____	<input type="checkbox"/> Message Left <input type="checkbox"/> Verified
<input type="checkbox"/> Attempt 4	Time: _____	Date: _____	<input type="checkbox"/> Message Left <input type="checkbox"/> Verified

SECTION G. FORMS & AFFIDAVITS

TRENCH SAFETY ACT

Contract No. 2019-06

The Bidder, by virtue of signing the Price Form, affirms that the Bidder is aware of the Trench Safety Act, and will comply with all applicable trench safety standards. Such assurance will be legally binding on all persons employed by the Bidder and Subcontractor, and Subconsultant.

The Bidder is also obligated to identify the anticipated method and cost of compliance with the applicable trench safety standards for the Project.

The following items are a breakout of the respective items involving trenching under the Contract identified above and are included in the unit prices.

The Bidder further identifies the costs and methods summarized below:

Description	Unit	Quantity	Unit Price	Extended Price	Method
_____	_____	_____	\$ _____	\$ _____	_____
_____	_____	_____	\$ _____	\$ _____	_____
_____	_____	_____	\$ _____	\$ _____	_____
_____	_____	_____	\$ _____	\$ _____	_____
_____	_____	_____	\$ _____	\$ _____	_____
Total			\$ _____		

ANTI-KICKBACK AFFIDAVIT

STATE OF FLORIDA }
 } SS:
COUNTY OF MANATEE } DAVE

I, the undersigned, hereby duly sworn, depose and say that no portion of the sum herein bid will be paid to any employees of the Town of Miami Lakes, its elected officials, and _____ or its design consultants, as a commission, kickback, reward or gift, directly or indirectly by me or any member of my firm or by an officer of the corporation.

By:

Title: NSE REGA / PRESIDENT

Sworn and subscribed before this

14th day of March, 2018

Notary Public, State of Florida

(Printed Name)



ELINA REYES

Commission # GG 130005

Expires November 29, 2021

Bonded Thru Budget Notary Services

My commission expires: _____

NON-COLLUSIVE AFFIDAVIT

State of } FLORIDA

} SS:

County of } MIAMI DADE

_being first duly sworn, deposes and says that:

a) He/she is the, (Owner, Partner, Officer, Representative or Agent) of FLORIDA ENGINEERING & DEV., the Bidder that has submitted the attached Proposal;

b) He/she is fully informed respecting the preparation and contents of the attached Proposal and of all pertinent circumstances respecting such Proposal;

c) Such Proposal is genuine and is not collusive or a sham Proposal;

d) Neither the said Bidder nor any of its officers, partners, owners, agents, representatives, employees or parties in interest, including this affiant, have in any way colluded, conspired, connived or agreed, directly or indirectly, with any other Bidder, firm, or person to submit a collusive or sham Proposal in connection with the Work for which the attached Proposal has been submitted; or to refrain from proposing in connection with such work; or have in any manner, directly or indirectly, sought by person to fix the price or prices in the attached Proposal or of any other Bidder, or to fix any overhead, profit, or cost elements of the Proposal price or the Proposal price of any other Bidder, or to secure through any collusion, conspiracy, connivance, or unlawful agreement any advantage against (Recipient), or any person interested in the proposed work;

The price or prices quoted in the attached Proposal are fair and proper and are not tainted by any collusion, conspiracy, connivance, or unlawful agreement on the part of the Bidder or any other of its agents, representatives, owners, employees or parties in interest, including this affiant.

Signed, sealed and delivered in the presence of:

Witness

Witness

By: _____

JOSE NEGA

(Printed Name)

PRESIDENT

(Title)

NON-COLLUSIVE AFFIDAVIT (CONTINUED)

ACKNOWLEDGMENT

State of) FLORIDA
) SS:
County of) Miami Dade

BEFORE ME, the undersigned authority, personally appeared Jose Vega
to me well known and known by me to be the person described herein and who executed the foregoing
Affidavit and acknowledged to and before me that Jose Vega executed said
Affidavit for the purpose therein expressed.

WITNESS, my hand and official seal this day of , 20__.

My Commission Expires:



ELINA REYES
Commission # GG 130005
Expires November 29, 2021
Bonded Thru Budget Notary Services



Notary Public State of Florida at Large

BIDDER'S RELATIONSHIPS WITH THE TOWN AFFIDAVIT

By executing this affidavit, Bidder discloses any personal or business relationship or past experience with any current Town employee or elected representative of the Town.

Bidder shall disclose to the Town:

- a) Any direct or indirect personal interests in a vendor held by any employee or elected representative of the Town.

N/A

_____	_____	_____
Last name	First name	Relationship
_____	_____	_____
Last name	First name	Relationship
_____	_____	_____
Last name	First name	Relationship

- b) Any family relationships with any employee or elected representative of the Town.

N/A

_____	_____	_____
Last name	First name	Relationship
_____	_____	_____
Last name	First name	Relationship
_____	_____	_____
Last name	First name	Relationship

Authorized Signature
JOPE BETA - PRESIDENT

3/14/19

Date

SWORN STATEMENT ON PUBLIC ENTITY CRIMES

SECTION 287.133(3)(a), FLORIDA STATUTES

THIS FORM MUST BE SIGNED AND SWORN TO IN THE PRESENCE OF A NOTARY PUBLIC OR OTHER OFFICIAL AUTHORIZED TO ADMINISTER OATHS.

1. This sworn statement is submitted to the Town of Miami Lakes

by JOSE VEGA - PRESIDENT
[print individual's name and title]

for FLORIDA ENGINEERING AND DEVELOPMENT
[print name of entity submitting sworn statement]

whose business address is

12076 NW 98 Avenue
HOUSTON GARDENS, FL 33018

and (if applicable) its Federal Employer Identification Number (FEIN) is 83-0345690

(If the entity has no FEIN, include the Social Security Number of the individual

signing this sworn statement: _____)

2. I understand that a "public entity crime" as defined in Paragraph 287.133(1)9g), Florida Statutes, means a violation of any state or federal law by a person with respect to and directly related to the transaction of business with any public entity or with an agency or political subdivision of any other state or the United States, including, but not limited to, any bid or contract for goods and services to be provided to any public entity or an agency or political subdivision of any other state or of the United States involving antitrust, fraud, theft, bribery, collusion, racketeering, conspiracy, or material misrepresentation.

3. I understand that "convicted" or "conviction" as defined in Paragraph 287.133(1)(b), Florida Statutes, means a finding of guilt or a conviction or a public entity crime, with or without an adjudication of guilt, in any federal or state trial court of record relating to charges brought by indictment or information after July 1, 1989, as a result of a jury verdict, nonjury trial, or entry of a plea of guilty or nolo contendere.

4. I understand that an "affiliate" as defined in Paragraph 287.133(1)(a), Florida Statutes, means:

a. A predecessor or successor of a person convicted of a public entity crime; or

b. An entity under the control of any natural person who is active in the management of the entity and who has been convicted of a public entity crime. The term "affiliate" includes those officers, directors, executives, partners, shareholders, employees, members, and agents who are active in the management of an affiliate. The ownership by one person of shares constituting a controlling interest in another person, or a pooling of equipment or income among persons when not for fair market value under an arm's length agreement, will be a prima facie case that one person controls another person. A person who knowingly enters into a joint venture with a person who has been convicted of a public entity crime in Florida during the preceding 36 months will be considered an affiliate.

5. I understand that a "person" as defined in Paragraph 287.133(1)(e), Florida Statutes, means any natural person or entity organized under the laws of any state or of the United States with the legal

power to enter into a binding contract and which bids or applies to bid on contracts for the provision of goods or services let by a public entity, or which otherwise transacts or applies to transact business with a public entity. The term "person" includes those officers, directors, executives, partners, shareholders, employees, members, and agents who are active in the management of an entity.

6. Based on information and belief, the statement that I have marked below is true in relation to the entity submitting this sworn statement. [Indicate which statement applies.]

☒ Neither the entity submitting this sworn statement, nor any officers, directors, executives, partners, shareholders, employees, members, or agents who are active in the management of the entity, not any affiliate of the entity, has been charged with and convicted of a public entity crime subsequent to July 1, 1989.

☐ This entity submitting this sworn statement, or one or more of its officers, directors, executives, partners, shareholders, employees, members, or agents who are active in the management of the entity, or an affiliate of the entity has been charged with and convicted of a public entity crime subsequent to July 1, 1989.

☐ The entity submitting this sworn statement, or one or more of its officers, directors, executives, partners, shareholders, employees, members, or agents who are active in the management of the entity, or an affiliate of the entity has been charged with and convicted of a public entity crime subsequent to July 1, 1989. However, there has been a subsequent proceeding before a Hearing Officer of the State of Florida, Division of Administrative Hearings and the Final Order entered by the Hearing Officer determined that it was not in the public interest to place the entity submitting this sworn statement on the convicted vendor list. **[attach a copy of the final order]**

I UNDERSTAND THAT THE SUBMISSION OF THIS FORM TO THE CONTRACTING OFFICER FOR THE PUBLIC ENTITY IDENTIFIED IN PARAGRAPH 1 ABOVE IS FOR THAT PUBLIC ENTITY ONLY AND, THAT THIS FORM IS VALID THROUGH DECEMBER 31 OF THE CALENDAR YEAR IN WHICH IT IS FILED. I ALSO UNDERSTAND THAT I AM REQUIRED TO INFORM THE PUBLIC ENTITY PRIOR TO ENTERING INTO A CONTRACT IN EXCESS OF THE THRESHOLD AMOUNT PROVIDED IN SECTION 287.017, FLORIDA STATUTES, FOR CATEGORY TWO OF ANY CHANGE IN THE INFORMATION CONTAINED IN THIS FORM.

Signature of Entity Submitting Sworn Statement

JOSE VERA/PRESIDENT

Sworn to and subscribed before me this

14th

day of

March, 2019

Personally known ☒

OR produced identification

Notary Public – State of

Florida



My commission expires

(Printed, typed or stamped commissioned name notary public)

CONFLICT OF INTEREST AFFIDAVIT

State of } FLORIDA

} SS:

County of } MIAMI DADE

JOSE VERA being first duly sworn, deposes and says that he/she is the (Owner, Partner, Officer, Representative or Agent) of FLORIDA ENGINEERING, INC., the Bidder that has submitted the attached Bid/Proposal and certifies the following;

Bidder certifies by submitting its Bid that no elected official, committee member, or employee of the Town has a financial interest directly or indirectly in this transaction or any compensation to be paid under or through this transaction, and further, that no Town employee, nor any elected or appointed officer (including Town committee members) of the Town, nor any spouse, parent or child of such employee or elected or appointed officer of the Town, may be a partner, officer, director or proprietor of Bidder and further, that no such Town employee or elected or appointed officer, or the spouse, parent or child of any of them, alone or in combination, may have a material interest in the Bidder/Proposer. Material interest means direct or indirect ownership of more than 5% of the total assets or capital stock of the Bidder. Any contract award containing an exception to these above described restrictions must be expressly approved by the Town Council. Further, Bidder recognizes that with respect to this solicitation, if any Bidder violates or is a party to a violation of the ethics ordinances or rules of the Town, the provisions of Miami-Dade County Code Section 2-11.1, as applicable to Town, or the provisions of Chapter 112, part III, Fla. Stat., the Code of Ethics for Public Officers and Employees, such Bidder/Proposer may be disqualified from furnishing the goods or services for which the bid or proposal is submitted and may be further disqualified from submitting any future bids or proposals for goods or services to Town. The terms "Bidder" as used herein, include any person or entity making a bid herein to Town or providing goods or services to Town.

Bidder further certifies that the price or prices quoted in the attached Bid are fair and proper and are not tainted by any collusion, conspiracy, connivance, or unlawful agreement on the part of the Bidder or any other of its agents, representatives, owners, employees or parties in interest, including this affiant.

Signed, sealed and delivered in the presence of:

Witness

By:

JOSE VERA

(Printed Name)

PRESIDENT

(Title)

Form COI

BEFORE ME, the undersigned authority personally appeared to me well known and known by me to be the person described herein and who executed the foregoing Affidavit and acknowledged to and before me that executed said Affidavit for the purpose therein expressed.

WITNESS, my hand and official seal this day of 14th, 2019

My Commission Expires:

Notary Public State of Florida at Large



ELINA REYES
Commission # GG 130005
Expires November 29, 2021
Bonded Thru Budget Notary Services

Form COI

COMPLIANCE WITH PUBLIC RECORDS LAW AFFIDAVIT

The Town of Miami Lakes shall comply with the Public Records Law as provided by Chapter 119, Florida Statutes, and all applicable amendments. Applicants must invoke the exemptions to disclosure provided by law in the response to the solicitation and must identify the data or other materials to be protected by separate envelope, and must state the reasons why such exclusion from public disclosure is necessary. The submission of a response authorizes release of your firm's credit data to the Town of Miami Lakes.

If the company submits information exempt from public disclosure, the company must identify with specificity which pages/paragraphs of their submittal/proposal package are exempt from the Public Records Act, identifying the specific exemption section that applies to each. The protected information must be submitted to the Town in a separate envelope marked "EXEMPT FROM PUBLIC RECORDS LAW". Failure to identify protected material via a separately marked envelopment will cause the Town to release this information in accordance with the Public Records Law despite any markings on individual pages of your submittal/proposal.

- (a) CONTRACTOR acknowledges TOWN'S obligations under Article 1, Section 24, Florida Constitution and Chapter 119, Florida Statutes, to release public records to members of the public upon request. CONTRACTOR acknowledges that TOWN is required to comply with Article 1, Section 24, Florida Constitution and Chapter 119, Florida Statutes, in the handling of the materials created under this Agreement and that said statute controls over the terms of this Agreement.
- (b) CONTRACTOR specifically acknowledges its obligations to comply with Section 119.0701, Florida Statutes, with regard to public records, and shall:
 - 1. Keep and maintain public records that ordinarily and necessarily would be required by TOWN in order to perform the services required under this Agreement;
 - 2. Provide the public with access to public records on the same terms and conditions that TOWN would provide the records and at a cost that does not exceed the cost provided in Chapter 119, Florida Statutes, or as otherwise provided by law;
 - 3. Ensure that public records that are exempt or confidential and exempt from public records disclosure requirements are not disclosed, except as authorized by law; and
 - 4. Meet all requirements for retaining public records and transfer, at no cost to the TOWN, all public records in possession of CONTRACTOR upon termination of this Agreement and destroy any duplicate public records that are exempt or confidential and exempt from public records disclosure requirements. All records stored electronically must be provided to TOWN in a format that is compatible with the information technology system of TOWN.
- (c) Failure to comply with this Section shall be deemed a material breach of this Contract for which TOWN may terminate this Agreement immediately upon written notice to CONTRACTOR.

By submitting a response to this solicitation, the company agrees to defend the Town in the event we are forced to litigate the public records status of the company's documents.

Company Name: FLORIDA ENGINEERING & DEVELOPMENT
Authorized representative (print): JOE REGA / PRESIDENT

Authorized representative (signature):  Date: 3/14/19

LEASED EMPLOYEE AFFIDAVIT

I affirm that an employee leasing company provides my workers' compensation coverage. I further understand that my contract with the employee leasing company limits my workers' compensation coverage to enrolled worksite employees only. My leasing arrangement does not cover un-enrolled worksite employees, independent contractors, uninsured sub-contractors or casual labor exposure.

I hereby certify that 100% of workers who are not employees of the company are covered as worksite employees with the employee leasing company. I certify that I do not hire any casual or uninsured labor outside the employee leasing arrangement. I agree to notify the Town in the event that I have any workers not covered by the employee leasing workers' compensation policy. In the event that I have any workers not subject to the employee leasing arrangement, I agree to obtain a separate workers' compensation policy to cover these workers. I further agree to provide the Town with a certificate of insurance from the leasing company providing proof of workers' compensation coverage prior to these workers entering any Town Work site.

I further agree to notify the Town if my employee leasing arrangement terminates with the employee leasing company and I understand that I am required to furnish proof of replacement workers' compensation coverage prior to the termination of the employee leasing arrangement.

I certify that I have workers' compensation coverage for all of my workers through the employee leasing arrangement specified below:

Name of Employee Leasing Company:

Workers' Compensation Carrier:

_____ N/A

A.M. Best Rating of Carrier:

Inception Date of Leasing Arrangement:

I further agree to notify the Town in the event that I switch employee-leasing companies. I recognize that I have an obligation to supply an updated workers' compensation certificate to the Town that documents the change of carrier.

Name of Contractor:

FOONDA ENGINEERING & DEVELOPMENT

Signature of Owner/Officer:

[Signature]

Title: Date:

3/14/19

DRUG-FREE WORKPLACE CERTIFICATION

Preference shall be given to businesses with drug-free workplace programs. Pursuant to Section 287.087, Florida Statutes, whenever two or more competitive solicitations that are equal with respect to price, quality, and service are received by the State or by any political subdivision for the procurement of commodities or contractual services, a response received from a business that certifies that it has implemented a drug-free workplace program shall be given preference in the award process. Established procedures for processing tie responses will be followed if none of the tied providers has a drug free workplace program. In order to have a drug-free workplace program, a business shall:

1. Publish a statement notifying employees that the unlawful manufacture, distribution, dispensing, possession, or use of a controlled substance is prohibited in the workplace and specifying the actions that will be taken against employees for violations of such prohibition.
2. Inform employees about the dangers of drug abuse in the workplace, the business's policy of maintaining a drug-free workplace, any available drug counseling, rehabilitation, and employee assistance programs, and the penalties that may be imposed upon employees for drug abuse violations.
3. Give each employee engaged in providing the commodities or contractual services that are under proposal a copy of the statement specified in Subsection (1).
4. In the statement specified in Subsection (1), notify the employees that, as a condition of working on the commodities or contractual services that are under proposal, the employee will abide by the terms of the statement and will notify the employer of any conviction of, or plea of guilty or nolo contendere to, any violation of Chapter 894, Florida Statutes, or of any controlled substance law of the United States or any state, for a violation occurring in the workplace no later than five (5) days after such conviction.
5. Impose a sanction on any employee who is so convicted or require the satisfactory participation in a drug abuse assistance or rehabilitation program as such is available in the employee's community.
6. Make a good faith effort to continue to maintain a drug-free workplace through implementation of applicable laws, rules and regulations.

As the person authorized to sign the statement, I certify that this firm complies fully with the above requirements.

FLORIDA ENGINEERING & ARCH.
Company Name:

3/14/19
Date

[Signature]
Authorized Signature:

JOSE VERA - PRESIDENT
Printed Name and Title

FDOT FORMS

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

March 14th / 2019
(Letting Date)

Fill in your FDOT Vendor Number

VF 83 03456900002

(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)

\$ 8,759,197.2

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.

Sworn to and subscribed this 14th day
of March, 20 19



ELINAREYES
Commission # GG 130005
Expires November 29, 2021
Bonded Thru Budget Notary Services

FLORIDA ENGINEERING AND DEVELOPMENT

NAME OF FIRM

By:

JOSE VEGA - PRESIDENT

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
			TOTALS	\$0.00	\$0.00
			TOTAL UNCOMPLETED WORK ON HAND TO BE DONE BY YOU (TOTAL COLUMNS 5 AND 6)		
			\$0.00		

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.

Florida Engineering & Development Corp.
12075 NW 98th Ave.
Hialeah Gardens FL 33018

Schedule of Major Projects in Progress as of 12/31/2018
Date: prepared: 2/1/2019

Type of Work	FDOT Projects and Location of Work you are performing	Contract Amount	Amount Sublet to others	Balance of contract Amount	Uncompleted Amount to be done by applicant As Prime Contractor	As Subcontractor
Type of Work	Other (Non-FDOT) Projects. Owner and Location of Work	Contract Amount	Amount Sublet to others	Balance of contract Amount	As Prime Contractor	As Subcontractor
Drainage, Water system, Sewer System	AVE Phase 3 Infrastructure/145th Street Owner AVE, LLC; Location Miami Dade County Florida	\$ 5,031,975.00	\$ 2,125,320.00	\$ 567,751.00	\$ 147,751.00	\$ 420,000.00
Electrical Lighting, Landscaping, Irrigation						
Excavation, Subbase, Lime Rock Base						
Grading, Asphalt, Concrete						
Pavement Markings, Road Signs, Guardrail						
Drainage:	AVE Parcel I Site Development	\$ 793,567.00	\$ 152,400.00	\$ 87,749.00	\$ 23,129.00	\$ 64,620.00
Electrical Lighting, Landscaping, Irrigation	Owner AVE, LLC;					
Excavation, Subbase, Lime Rock Base	Location Miami Dade County Florida					
Grading, Asphalt, Concrete						
Pavement Markings, Road Signs, Guardrail						
Demolition, Excavation, Drainage,	Miami Dade County Roadway Improvements	\$ 4,221,348.00	\$ 1,820,625.00	\$ 1,200,438.00	\$ 751,118.00	\$ 449,320.00
Subbase, Limerock Base, Grading, Asphalt	Owner: Miami Dade county					
Concrete sidewalk and Curb, Electrical Lighting	Location: NE 18th Ave. Between 125 St and 138th St					
Signalization, Guardrail, Landscaping,						
Pavement Markings and Road Signs						
Drainage, Water system, Sewer System	Doral Tower 10/Garage 3	\$ 846,507.00	\$ 185,600.00	\$ 154,993.00	\$ 82,433.00	\$ 72,560.00
Excavation, Subbase, Lime Rock Base	Owner: Codina Group					
Grading, Asphalt, Concrete,						
Road Signs, Guardrail, Pavement Markings						
Water system,	City of Lakeworth--Downtown Water Main Improvements	\$ 1,357,993.00	\$ 402,853.00	\$ 338,414.00	\$ 311,914.00	\$ 26,500.00
Excavation, Subbase, Lime Rock Base	Owner: City of Lakeworth West Palm Beach FL					
Grading, Asphalt, Concrete,						
Road Signs, Guardrail, Pavement Markings						
Demolition, Grading	City of Sunrise--NW 64th Ave. Complete Street	\$ 1,697,222.00	\$ 1,193,000.00	\$ 518,745.00	\$ 96,126.00	\$ 422,119.00
Excavation, Subbase, Lime Rock Base	Owner: Off Lease Only					
Flexible Paving, Markings	Location: North Lauderdale FL					
Sidewalk, Roadway Signs						
Sodding, Landscaping, Electrical	City of Oakland Park--Bid Pak 8 Infrastructure	\$ 5,478,177.00	\$ 1,325,620.00	\$ 3,838,295.00	\$ 2,873,089.00	\$ 965,210.00
Demolition, Drainage, Water system,	Owner: City of West Park					
Excavation, Subbase, Lime Rock Base	Location: Oakland Park FL					
Flexible Paving, Markings, Roadway Signs						
Sodding, Landscaping, Irrigation, Lift Station						
Excavation, Drainage, Grading	Town of SW Ranches--Drainage Improvement	463,897.00	45,000.00	\$ 5,000.00	\$ 5,000.00	\$ -
Sodding, Landscaping	Owner:					
Demolition, Grading, Drainage	City of Cooper City--Drainage Improvement	2,319,653.00	625,000.00	\$ 1,493,160.00	\$ 923,960.00	\$ 569,200.00
Excavation, Subbase, Lime Rock Base	Owner: City of Sunny Isles Location: Sunny Isles FL					
Flexible Paving, Markings, Road Signs						
Sidewalk, Guardrail, Sodding, Irrigation,						
Demolition, New Water Main	City of North Miami--New Water Main	\$ 833,884.00	\$ 220,500.00	\$ 555,148.00	\$ 375,148.00	\$ 180,000.00
Excavation, Subbase, Lime Rock Base	Owner: City of North Miami					
Flexible Paving, Markings, Roadway signs	Location: North Miami, Florida					
TOTALS		\$ 23,044,223.00	\$ 8,095,918.00	\$ 8,759,197.00	\$ 5,589,568.00	\$ 3,169,529.00

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

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~~ Contractor:

By: DAF BGA Date: 3/14/19  Authorized Signature

Title: PARTNER

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"

1. Type of Federal Action: a. contract b. grant c. cooperative agreement d. loan e. loan guarantee f. loan insurance	2. Status of Federal Action: a. bid/offer/application b. initial award c. post-award	3. Report Type: a. initial filing b. material change For Material Change Only: Year: _____ Quarter: _____ Date of last report: _____ (mm/dd/yyyy)
4. Name and Address of Reporting Entity: <input checked="" type="checkbox"/> Prime <input type="checkbox"/> Subawardee Tier _____ if known: <u>FLORIDA ENGINEERING AND DEVELOPMENT</u> <u>1076 NW 98 AVENUE</u> <u>HOUSTON GARDENS, FL 33018</u> Congressional District, if known: 4c _____		5. If Reporting Entity in No. 4 is a Subawardee, Enter Name and Address of Prime: _____ _____ _____ Congressional District, if known: _____
6. Federal Department/Agency: _____ _____	7. Federal Program Name/Description: _____ _____ CFDA Number, if applicable: _____	
8. Federal Action Number, if known: _____	9. Award Amount, if known: \$ _____	
10. a. Name and Address of Lobbying Registrant (if individual, last name, first name, MI): _____ _____ _____	b. Individuals Performing Services (including address if different from No. 10a) (last name, first name, MI): _____ _____ _____	
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.	Signature: _____ Print Name: <u>JOSE REGA</u> Title: <u>PRESIDENT</u> Telephone No.: <u>305-820-8333</u> Date (mm/dd/yyyy): <u>3/14/19</u>	
Federal Use Only:		Authorized for Local Reproduction Standard Form LLL (Rev. 7-97)

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 the 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 the 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.

According to the Paperwork Reduction Act, as amended, no persons are required to respond to a collection of information unless it displays a valid OMB Control Number. The valid OMB control number for this information collection is OMB No. 0348-0046. Public reporting burden for this collection of information is estimated to average 10 minutes per response, including time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to the Office of Management and Budget, Paperwork Reduction Project (0348-0046), Washington, DC 20503.

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)

375-030-32
PROCUREMENT
11/15

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: FLORIDA ENGINEERING AND DEVELOPMENT
By: DSE VEGA
Date: 3/14/19
Title: PRESIDENT

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.

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION
DBE BID PACKAGE INFORMATION

275-030-11
EQUAL OPPORTUNITY OFFICE
10/14
Page 1 of 2

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 9.91% 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>.

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION
DBE BID PACKAGE INFORMATION

275-030-11
EQUAL OPPORTUNITY OFFICE
10/14
Page 2 of 2

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.



FLORENG-03

VPLUMLEY01

CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)

12/18/2018

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER
Collinsworth, Alter, Fowler & French, LLC
8000 Governors Square Blvd
Suite 301
Miami Lakes, FL 33016

CONTACT NAME: Victoria Plumley**PHONE****(A/C, No, Ext):****E-MAIL** vplumley@cafflc.com**ADDRESS:****FAX****(A/C, No):** (305) 558-4294**INSURER(S) AFFORDING COVERAGE****NAIC #****INSURER A:** Liberty Mutual Fire Insurance Company

23035

INSURER B: Evanston Insurance Company

35378

INSURER C:**INSURER D:****INSURER E:****INSURER F:****INSURED**

Florida Engineering & Development Corp.
12076 NW 98th Avenue
Hialeah Gardens, FL 33018

COVERAGES**CERTIFICATE NUMBER:****REVISION NUMBER:**

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL SUBR INSD WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input checked="" type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR <input checked="" type="checkbox"/> Contractual Liabil		TB7Z51291947028	04/01/2018	04/01/2019	EACH OCCURRENCE \$ 1,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 300,000 MED EXP (Any one person) \$ 5,000 PERSONAL & ADV INJURY \$ 1,000,000 GENERAL AGGREGATE \$ 2,000,000 PRODUCTS - COMPROP AGG \$ 2,000,000
	GEN'L AGGREGATE LIMIT APPLIES PER: POLICY <input checked="" type="checkbox"/> PROJECT <input type="checkbox"/> LOC OTHER:					
A	<input checked="" type="checkbox"/> AUTOMOBILE LIABILITY <input checked="" type="checkbox"/> ANY AUTO OWNED AUTOS ONLY <input type="checkbox"/> SCHEDULED AUTOS <input type="checkbox"/> HIRED AUTOS ONLY <input type="checkbox"/> NON-OWNED AUTOS ONLY		AS2Z51291947018	04/01/2018	04/01/2019	COMBINED SINGLE LIMIT (Ea accident) \$ 1,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$
A	<input checked="" type="checkbox"/> UMBRELLA LIAB <input checked="" type="checkbox"/> EXCESS LIAB DED <input checked="" type="checkbox"/> RETENTION \$ 10,000	<input checked="" type="checkbox"/> OCCUR <input type="checkbox"/> CLAIMS-MADE	TH7Z51291947038	04/01/2018	04/01/2019	EACH OCCURRENCE \$ 12,000,000 AGGREGATE \$ 12,000,000
A	<input checked="" type="checkbox"/> WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below	Y/N <input checked="" type="checkbox"/> N <input type="checkbox"/> N/A	WC2Z51291947047	12/31/2018	12/31/2019	<input checked="" type="checkbox"/> PER STATUTE <input type="checkbox"/> OTH-ER E L EACH ACCIDENT \$ 1,000,000 E L DISEASE - EA EMPLOYEE \$ 1,000,000 E L DISEASE - POLICY LIMIT \$ 1,000,000
B	<input checked="" type="checkbox"/> Pollution Liability		MKL2ENV100626	02/22/2018	02/22/2019	Each Occurrence \$ 1,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

CERTIFICATE HOLDER**CANCELLATION**

Proof of Insurance

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE

David A. Ate

Local Business Tax Receipt

Miami-Dade County, State of Florida
-THIS IS NOT A BILL - DO NOT PAY

5891131

BUSINESS NAME/LOCATION

FLORIDA ENGINEERING AND DEVELOPMENT CORP
12076 NW 98TH AVE
HIALEAH GARDENS FL 33018

RECEIPT NO.

6144968

EXPIRES

SEPTEMBER 30, 2019

Must be displayed at place of business
Pursuant to County Code
Chapter 8A - Art. 9 & 10

LBT

OWNER
FLORIDA ENGINEERING AND

SEC. TYPE OF BUSINESS
196 GENERAL BUILDING CONTRACTOR
CGC045310

Worker(s) 12

PAYMENT RECEIVED
BY TAX COLLECTOR
\$51.00 09/26/2018
CHECK21-18-095409

This Local Business Tax Receipt only confirms payment of the Local Business Tax. The Receipt is not a license, permit, or a certification of the holder's qualifications, to do business. Holder must comply with any governmental or nongovernmental regulatory laws and requirements which apply to the business.

The RECEIPT NO. above must be displayed on all commercial vehicles - Miami-Dade Code Sec 8a-276.

For more information, visit www.miamidade.gov/taxcollector

Local Business Tax Receipt

Miami-Dade County, State of Florida
-THIS IS NOT A BILL - DO NOT PAY

6721402

BUSINESS NAME/LOCATION

FLORIDA ENGINEERING & DEVELOPMENT CORP
12076 NW 98TH AVE
HIALEAH GARDENS FL 33018

RECEIPT NO.

6994751

EXPIRES

SEPTEMBER 30, 2019

Must be displayed at place of business
Pursuant to County Code
Chapter 8A - Art. 9 & 10

LBT

OWNER
FLORIDA ENGINEERING & DEVELOPMENT

SEC. TYPE OF BUSINESS
196 GENERAL ENGINEERING CONTRACTOR
E0900376

Worker(s) 1

PAYMENT RECEIVED
BY TAX COLLECTOR
\$45.00 09/26/2018
CHECK21-18-095535

This Local Business Tax Receipt only confirms payment of the Local Business Tax. The Receipt is not a license, permit, or a certification of the holder's qualifications, to do business. Holder must comply with any governmental or nongovernmental regulatory laws and requirements which apply to the business.

The RECEIPT NO. above must be displayed on all commercial vehicles - Miami-Dade Code Sec 8a-276.

For more information, visit www.miamidade.gov/taxcollector

CITY OF HIALEAH GARDENS

10001 NW 87 Ave – Hialeah Gardens, Florida 33016

BUSINESS TAX RECEIPT

Business Name:

FLORIDA ENGINEERING AND DEVELOPMENT CORP
12076 NW 98 AVENUE
HIALEAH GARDENS, FL 33018

Business Type: CONTRACTOR - OTHER

Date: 10/03/2018

Issued to:

JOSE ANTONIO VEGA
7956 SW 78 STREET
MIAMI, FL 33143

LICENSE NO.: BL18410

TOTAL FEES PAID: \$977.50

Delinquency Fee: A 10 percent delinquent fee will be imposed if not renewed by October 1 and an additional 5 percent fee is charged for each month thereafter with total fee not to exceed 25 percent.

Notes: CONTRACTOR OTHER (CIVIL ENGINEERING); JOSE VEGA CGC1511029/E95601 NO OUTSIDE STORAGE OR JUNK YARD, NO PAINTING OF ANY KIND, NO CHEMICALS OR HAZARDOUS MATERIALS, ALL WORK SHALL BE DONE INSIDE BUILDING. MECHANIC FOR COMPANY VEHICLES ONLY (NOT TO THE PUBLIC)


City License Official

LICENSE YEAR

2018 – 2019

LICENSE MUST BE EXHIBITED CONSPICUOUSLY AT YOUR PLACE OF BUSINESS

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: FLORIDA ENGINEERING AND DEVELOPMENT

Address/Phone Number: 12076 NW 98 AVE. HIALEAH GARDENS, FL, 33018 / 305-820-8333

Procurement Number/Advertisement Number: 2018-08R

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: <u>83-0345690</u> 2. Firm Name: <u>FLORIDA ENGINEERING & DEVELOPMENT</u> 3. Phone: <u>305-820-8333</u> 4. Address: <u>12076 NW 98 AVENUE</u> <u>HIALEAH GARDENS, FL, 33018</u> 5. Year Firm Established: <u>16</u>	6. <input type="checkbox"/> DBE 7. <input type="checkbox"/> Subcontractor <input type="checkbox"/> Subconsultant	8. Annual Gross Receipts <input type="checkbox"/> Non-DBE <input type="checkbox"/> Le <input type="checkbox"/> Between \$1 - \$5 million <input type="checkbox"/> Between \$5 - \$10 million <input type="checkbox"/> Between \$10 - \$15 million <input checked="" type="checkbox"/> More than \$15 million
---	--	---

1. Federal Tax ID Number: _____ 2. Firm Name: _____ 3. Phone: _____ 4. Address: _____ 5. Year Firm Established: _____	6. <input checked="" type="checkbox"/> DBE <input type="checkbox"/> Non-DBE 7. <input type="checkbox"/> Subcontractor <input type="checkbox"/> Subconsultant	8. Annual Gross Receipts <input type="checkbox"/> Less than \$1 million <input type="checkbox"/> Between \$1 - \$5 million <input checked="" type="checkbox"/> Between \$5 - \$10 million <input type="checkbox"/> Between \$10 - \$15 million <input type="checkbox"/> More than \$15 million
---	---	---

1. Federal Tax ID Number: _____ 2. Firm Name: <u>P & J STRIPING</u> 3. Phone: <u>305-364-5671</u> 4. Address: <u>9800 NW SOUTH RIVER DR.</u> <u>MEDLEY, FL, 33166</u> 5. Year Firm Established: _____	6. <input checked="" type="checkbox"/> DBE <input type="checkbox"/> Non-DBE 7. <input type="checkbox"/> Subcontractor <input type="checkbox"/> Subconsultant	8. Annual Gross Receipts <input type="checkbox"/> Less than \$1 million <input checked="" type="checkbox"/> Between \$1 - \$5 million <input type="checkbox"/> Between \$5 - \$10 million <input type="checkbox"/> Between \$10 - \$15 million <input type="checkbox"/> More than \$15 million
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1. Federal Tax ID Number: _____ 2. Firm Name: _____ 3. Phone: _____ 4. Address: _____ 5. Year Firm Established: _____	6. <input type="checkbox"/> DBE <input type="checkbox"/> Non-DBE 7. <input type="checkbox"/> Subcontractor <input type="checkbox"/> Subconsultant	8. Annual Gross Receipts <input type="checkbox"/> Less than \$1 million <input type="checkbox"/> Between \$1 - \$5 million <input type="checkbox"/> Between \$5 - \$10 million <input type="checkbox"/> Between \$10 - \$15 million <input type="checkbox"/> 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)**

CONTRACT EXECUTION & BOND FORMS

CONTRACT EXECUTION FORM

This Contract **2019-06** made this ____ day of _____ in the year **20**__ in the amount of \$_____ by and between the Town of Miami Lakes, Florida, hereinafter called the "Town," and _____ hereinafter called the "Contractor".

IN WITNESS WHEREOF, the parties have executed this Agreement as of the day and year first above written.

Attest:

TOWN OF MIAMI LAKES

By: _____
Gina Inganzo, Town Clerk

By: _____
Edward Pidermann, Town Manager

By: _____
Town Attorney

Signed, sealed and witnessed in the presence of:

As to the Contractor:

Print Contractor's Name

By: _____

By: _____

Name: _____

Title: _____

CORPORATE RESOLUTION

WHEREAS, _____, Inc. desires to enter into a contract with the Town of Miami Lakes for the purpose of performing the work described in the contract to which this resolution is attached; and

WHEREAS, the Board of Directors at a duly held corporate meeting has considered the matter in accordance with the By-Laws of the corporation;

Now, THEREFORE, BE IT RESOLVED BY THE BOARD OF DIRECTORS that the _____,
(type title of officer)

_____, is hereby authorized
(type name of officer)

and instructed to enter into a contract, in the name and on behalf of this corporation, with the Town of Miami Lakes upon the terms contained in the proposed contract to which this resolution is attached and to execute the corresponding performance bond.

DATED this _____ day of _____, 20____.

Corporate Secretary

(Corporate Seal)

FORM OF PERFORMANCE BOND (PAGE 1 OF 2)

BY THIS BOND, We _____, as Principal, hereinafter called Contractor, and _____, as Surety, are bound to the Town of Miami Lakes, Florida, as Obligee, hereinafter called Town, in the amount of _____ Dollars (\$_____) for the payment whereof Contractor and Surety bind themselves, their heirs, executors, administrators, successors and assigns, jointly and severally.

WHEREAS, Contractor has by written agreement entered into a Contract, No. **2019-06**, awarded the _____ day of _____, **20**____, with Town which Contract Documents are by reference incorporated herein and made a part hereof, and specifically include provision for liquidated damages, and other damages identified, and for the purposes of this Bond are hereafter referred to as the "Contract";

THE CONDITION OF THIS BOND is that if Contractor:

1. Performs the Contract between Contractor and Town for construction of **NW 60th Avenue Bicycle/Pedestrian Improvements Project**, the Contract being made a part of this Bond by reference, at the times and in the manner prescribed in the Contract; and
2. Pays Town all losses, liquidated damages, expenses, costs and attorney's fees including appellate proceedings, that Town sustains as a result of default by Contractor under the Contract; and
3. Performs the guarantee of all Work and materials furnished under the Contract for the time specified in the Contract; then THIS BOND IS VOID, OTHERWISE IT REMAINS IN FULL FORCE AND EFFECT.
4. Whenever Contractor is, and declared by Town to be, in default under the Contract, and the Town having performed Town obligations hereunder, the Surety must promptly remedy the default, or must promptly:
 - 4.1. Complete the Project in accordance with the terms and conditions of the Contract Documents; or

FORM OF PERFORMANCE BOND (Page 2 of 2)

4.2. Obtain a bid or bids for completing the Project in accordance with the terms and conditions of the Contract, and upon determination by Surety of the lowest responsible Bidder, or, if Town elects, upon determination by Town and Surety jointly of the lowest responsible Bidder, arrange for a contract between such Bidder and Town, and make available as Work progresses (even though there should be a default or a succession of defaults under the Contract or Contracts of completion arranged under this paragraph) sufficient funds to pay the cost of completion less the balance of the Contract Price; but not exceeding, including other costs and damages for which the Surety may be liable hereunder, the amount set forth in the first paragraph hereof. The term "balance of the Contract Price," as used in this paragraph, means the total amount payable by Town to Contractor under the Contract and any amendments thereto, less the amount properly paid by Town to Contractor.

No right of action will accrue on this bond to or for the use of any person or corporation other than Town, as named herein.

The Surety hereby waives notice of and agrees that any changes in or under the Contract Documents and compliance or noncompliance with any formalities connected with the Contract or the changes does not affect Surety's obligation under this Bond.

Signed and sealed this _____ day of _____, 20____.

Contractor

WITNESSES:

(Name of Corporation)

Secretary

By: _____
(Signature)

(CORPORATE SEAL)

(Print Name and Title)

IN THE PRESENCE OF:

INSURANCE COMPANY:

By: _____
Agent and Attorney-in-Fact

Address: _____
(Street)

(City/State/Zip Code)

Telephone No.: _____

FORM OF PAYMENT BOND (Page 1 of 2)

BY THIS BOND, We _____, as Principal, hereinafter called Contractor, and _____, as Surety, are bound to the Town of Miami Lakes, Florida, as Obligee, hereinafter called Town, in the amount of _____ Dollars (\$_____) for the payment whereof Contractor and Surety bind themselves, their heirs, executors, administrators, successors and assigns, jointly and severally.

WHEREAS, Contractor has by written agreement entered into a **Contract No. 2019-06**, for the **NW 60th Avenue Bicycle/Pedestrian Improvements Project**, awarded the _____ day of _____, **20__**, with Town which Contract are by reference incorporated herein and made a part hereof, and specifically include provision for liquidated damages, and other damages identified, and for the purposes of this Bond are hereafter referred to as the "Contract";

THE CONDITION OF THIS BOND is that if Contractor:

1. Pays Town all losses, liquidated damages, expenses, costs and attorney's fees including appellate proceedings, that Town sustains because of default by Contractor under the Contract; and
2. Promptly makes payments to all claimants as defined by Florida Statute 255.05(1) for all labor, materials and supplies used directly or indirectly by Contractor in the performance of the Contract;

THEN CONTRACTOR'S OBLIGATION WILL BE VOID; OTHERWISE, IT WILL REMAIN IN FULL FORCE AND EFFECT SUBJECT, HOWEVER, TO THE FOLLOWING CONDITIONS:

- 2.1. A claimant, except a laborer, who is not in privity with Contractor and who has not received payment for its labor, materials, or supplies must, within forty-five (45) days after beginning to furnish labor, materials, or supplies for the prosecution of the Work, furnish to Contractor a notice that he intends to look to the bond for protection.
- 2.2. A claimant who is not in privity with Contractor and who has not received payment for its labor, materials, or supplies must, within ninety (90) days after performance of the labor or after complete delivery of the materials or supplies, deliver to Contractor and to the Surety, written notice of the performance of the labor or delivery of the materials or supplies and of the nonpayment.
- 2.3. No action for the labor, materials, or supplies may be instituted against Contractor or the Surety unless the notices stated under the preceding conditions (2.1) and (2.2) have been given.

FORM OF PAYMENT BOND (Page 2 of 2)

- 2.4. Any action under this Bond must be instituted in accordance with the longer of the applicable Notice and Time Limitations provisions prescribed in Section 255.05(2), or Section 95-11, Florida Statutes.

The Surety hereby waives notice of and agrees that any changes in or under the Contract Documents and compliance or noncompliance with any formalities connected with the Contract or the changes does not affect the Surety's obligation under this Bond.

Signed and sealed this _____ day of _____, 20____.

Contractor

ATTEST:

(Name of Corporation)

(Secretary)

By:

(Signature)

(Corporate Seal)

(Print Name and Title)

____ day of _____, 20____.

IN THE PRESENCE OF:

INSURANCE COMPANY:

By:

Agent and Attorney-in-Fact

Address: _____
(Street)

(City/State/Zip Code)

Telephone No.: _____