



MANATEE COUNTY FLORIDA

February 26, 2013

TO: All Interested Bidders

SUBJECT: **Invitation for Bid # 12-1479-DS**
Road Building and Services

ADDENDUM #2

Bidders are hereby notified that this Addendum shall be acknowledged on pages 00300-1 of the Bid Form and made a part of the above named bidding and contract documents. Bids submitted without acknowledgement of the Addendum will be considered incomplete.

The following items are issued to add to, modify, and clarify the bid and contract documents. These items shall have the same force and effect as the original bidding and contract documents, and cost involved shall be included in the bid prices. Bids to be submitted on the specified bid date, shall conform to the additions and revisions listed herein.

The deadline for clarification of questions is **February 7, 2013 at 3:00 pm.** This deadline has been established to maintain fair treatment of all potential bidders, while maintaining the expedited nature of the Economic Stimulus that the contracting of this work may achieve. Questions received after this date and time shall not be considered.

Question 1: For item IV.48 on page 16 of 18 Hot-In-Place Asphalt Recycling. The general standards specification for this item has been removed.

Response 1: Hot In Place Specifications details are attached and are to be made part of the bid solicitation. Bid Item IV.47 and Bid Item IV.48 in the shaded title block of the Bid Form has been amended with the addition of the word attached. Bidders are to use the revised Bid Forms, attached herein, when supplying their Bid.

Question 2: On some of the bid forms you can write in the mileage to each yard, but the ones with the Zones, it says mileage to yard, but you can only put in 1 mileage figure, which yard?

Financial Management Department
Mailing Address: P. O. Box 1000 1112 Manatee Avenue West Suite 803, Bradenton, FL 34206-1000
WEB: www.mymanatee.org * PHONE: 941.749.3045 * FAX: 941.749.3014

ADDENDUM #2

Response 2: On the following bid items the Price to Vendor Yard should be to the 66th St W yard located at 4680 66th St W Bradenton Florida 34210. Bidders are to use the revised Bid Forms, attached herein, when supplying their Bid.

Item I.8 Shell base I.10 Sub Base, I.15 Limerock and I.17 Graded Aggregate

On the following bid items the Price to Vendor Yard we need to add the 5 yards to have them bid to deliver to each yard. Bidders are to use the revised Bid Form, attached herein, when supplying their Bid.

Items I.9 Shell base, I.11 Washed Shell ½, I.12 Washed Shell 1", I.13 Washed shell 3", I.14 Shell Screenings & I.16 Crushed Concrete.

Please note that Item I.6 and I.7 were not included due to this material is not generally purchased for yards

Question 3: On some of the Bid Forms, i.e. Section 1-Aggregate, Limerock Base Material, it gives Zone numbers, not addresses? What is Zone 1, 2, 3, 4A, 4B, & 5?

Response 3: Zone numbers refer to the map and delivery areas and would be job specific so any address in that area may have material delivered to it in that zone.

Question 4: Can Thumb Drives be used for Audio Video Recording.

Response 4: Currently we will leave as DVD; see Section III (Bid Item III.35)

Question 5: Section D.10 Overtime Work. Previously was a % not a per day surcharge.

Response 5: The requirement of Contractors is to bid per D.10 Overtime Work of IFB# 12-1479-DS, recording the overtime surcharge at the per day rate as noted on page 00300-1.

Question 6: Requesting an Asphalt Concrete (AC) adjustment on cost of Liquid Asphalt for asphalt sold directly to County.

Response 6: The wording for the Adjustment is detailed in C.07.

Question 7: Will Plastic Manhole Ring adjustments be accepted by County.

Response 7: Manatee County will only accept Metal Rings for adjustments.

Question 8: New valve boxes for reclaimed water please provide specifications and bid items

Response 8: Please see Manatee County specs provided, in original Invitation for Bid, for manhole and water valve adjustments to be bid as part of bid form (section IV).

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Question 9: Requesting Tack Sand Specifications.

Response 9: Please see FDOT 2010 Sec. 902-2, 902-6 on Bid Form Header Section I.4A.

Question 10: The double surface treatment for the Manatee County project refers to the specification from FDOT for section 310. In section 310, there is a Type 2 surface treatment which uses a #56 stone followed by a # 7 stone. There is also a Type 3 surface treatment in which we have used the last 2 lifts of the 3 lifts. (#7 followed by#89 stone)

Do you have any idea what Manatee County might want? The standard Type 2 would create a course surface as opposed to using# 89 on the top lift for a somewhat smoother surface.

Response 10: Manatee County is requesting a bid on the Type 2 Surface Treatment.

Bidders: The revised bid forms for Section I and Section IV attached to this ADDENDUM #2 supersede prior Section I and Section IV Bid Forms issued in the original solicitation. Revised Bid Forms must be used in submission of your Bid in response to this Invitation for Bid.

Bidders must fully complete all pages of the Bid Forms that they wish to bid on and have executed by an authorized signatory who has the legal authority to make the offer and bind the company

Bidders must fully comply with all bid specifications, terms and conditions.

The following documents are to be made a part of the bidding documents and shall have the same force and effect as the original bidding documents.

Section 00030-1 to 3: (3 pages) replace with attached addressing Bonding and casual labor.

Micro-Surfacing Section 335 (11 pages)

Thin Lift Surface Treatment (2 pages)

Crack Seal Specifications (4 pages)

Video Detection Pay Item (1 page)

Hot – In Place spec sheets (11 pages)

Revised Bid Form Section I (12 pages)

Revised Bid Form Section IV (19 pages)

The deadline for submitting sealed Bids at the Manatee County Purchasing Division, 1112 Manatee Avenue West, Suite 803, Bradenton, Florida 34205 has been extended to March 11, 2013 at 2:30 PM.

BIDDERS NOTE:

BID OPENING

March 11, 2013 at 2:30 PM

END OF ADDENDUM #2

Sincerely,

A handwritten signature in black ink that reads "Melissa M. Wendel" followed by a horizontal line and the word "for" written in a cursive style.

Melissa M. Wendel, CPPO
Purchasing Official
/ds

(Attachments)

Financial Management Department
Mailing Address: P. O. Box 1000 1112 Manatee Avenue West Suite 803, Bradenton, FL 34206-1000
WEB: www.mymanatee.org * PHONE: 941.749.3045 * FAX: 941.749.3014

STANDARD SPECIFICATIONS
SECTION 335
MICRO-SURFACING
ADDENDUM # 2

Note: Distance from Vendors Plant to Manatee County Yard shall be based on Manatee County Yard located at 66th ST W @ Cortez Road, Bradenton, FL.

335-1 Description.(Addendum # 2)

Construct a micro-surfacing pavement with the type of mixture specified in the Contract. Meet the general construction requirements of Section 330, except as modified herein. Micro-surfacing is a mixture of polymer-modified asphalt emulsion, mineral aggregate, mineral filler, water, and other additives, properly proportioned, mixed and spread on a paved surface.

The mix shall be capable of being spread in variable thickness cross-sections (wedges, ruts, scratch courses and surfaces) which, after curing and initial traffic consolidation, resists compaction throughout the entire design tolerance range of asphalt binder content and variable thickness to be encountered. The end product should maintain a skid-resistant surface in variable thick sections throughout the service life of the micro-surfacing.

The mix shall be a quick-traffic system that will be capable of producing an emulsified asphalt paving mixture that will cure at a rate which will permit traffic on the pavement within one hour after application without damaging the pavement surface. Any damage done by traffic to the Microsurfacing shall be repaired by the contractor at his/her expense.

335-2 Materials.

335-2.1 Emulsified Asphalt:

335-2.1.1 General Requirements: Provide a quick-traffic, polymer-modified asphalt emulsion conforming to the requirements specified in AASHTO M 208 for CSS-1 h. The cement mixing test shall be waived for this emulsion.

The polymer material shall be milled or blended into the asphalt or emulsifier solution prior to the emulsification process.

The minimum amount and type of polymer modifier shall be determined by the laboratory performing the mix design. The minimum amount required will be based on the asphalt content (by weight) and will be certified by the emulsion supplier; however, the amount shall not be less than three percent polymer solids.

The Engineer may waive the five-day settlement test, provided job-stored emulsion is used within thirty-six hours from the time of the shipment or the stored material has had additional emulsion blended into it prior to use.

335-2.1.2 Quality Tests: Meet the requirements of AASHTO M 208 for CSS-1h

emulsion, plus the following criteria shown in Tables 335-1 and 335-2.

Table 335-1 Quality Tests for Asphalt Emulsion		
AASHTO Test No.	Emulsion Property	Specification
AASHTOT 59	Residue after Distillation (1)	62% Minimum

(1) Maintain the test temperature below 280°F (138°C).

Table 335-2 Quality Tests for Asphalt Emulsion Residue		
AASHTO Test No.	Residue Property	Specification
AASHTOT 53	Softening Point	135°F Minimum
AASHTOT49	Penetration at 7rF	40-90 dmm

335-2.1.3 Sampling, Certification, and Verification: For the first load of emulsified asphalt produced for the project, the supplier shall submit a sample to the State Materials Office for testing before use. A pretest number will then be assigned by the State Materials Office, which shall be furnished with all emulsified asphalt delivered to the project.

The Engineer may sample and test all subsequent loads of emulsified asphalt delivered to the project to verify and determine compliance with specification requirements. Where these tests identify material outside specification requirements, the Engineer may require the supplier to cease shipment of that pretested emulsified asphalt product. Further shipment of that pretested emulsified asphalt product to Department projects will remain suspended until the cause of the problem is evaluated and corrected by the supplier as necessary to the satisfaction of the Engineer.

335-2.2 Aggregate:

335-2.2.1 General: Use an aggregate blend which consists of 100% crushed granite. Use aggregates source(s) from the list of granitic aggregates available on the Department's website and also meeting the requirements of this specification. The URL for obtaining the list of granitic aggregates is: www.dot.state.fl.us/statematerialsoffice/quality/programs/qualitycontrol/materialslistings/sources/frictioncourse.pdf

335-2.2.2 Aggregate Quality Tests: In addition to the requirements of Sections 901 and 902, meet the minimum aggregate requirements of Table 335-3.

Table 335-3		
AASHTO Test No.	Aggregate Property	Specification
AASHTO T 176	Sand Equivalent	65 Minimum
AASHTO T 104	Soundness	15% Maximum using Na ₂ S ₀₄ or 25% Maximum using MgS ₀₄
AASHTO T 96	Abrasion Resistance (1)	30% Maximum

(1) The abrasion test will be performed on the parent aggregate.

335-2.2.3 Gradation Requirements: When tested in accordance with FM 1-T 027 and FM 1-T 011, the target (mix design) aggregate gradation, including the mineral filler, shall be within the gradation range for a Type II mixture shown in Table 335-4.

Table 335-4 Aggregate Gradation Requirements		
Sieve Size	Type II Mix Design Range	Stockpile Tolerance from Mix Design
3/8 inch	100	N/A
No. 4	90-100	±5%
No. 8	65-90	±5%
No. 16	45-70	±5%
No. 30	30-50	±5%
No. 50	18-30	±4%
No. 100	10-21	±3%
No. 200	5-15	±2%

The aggregate will be accepted from the stockpile located at the project location. The stockpile will be accepted based on five quality control gradation tests conducted in accordance with FM 1-T 002. If the average of the five gradation tests is within the stockpile tolerances shown in Table 335-4 for all of the sieve sizes, then the stockpile is accepted. If the average of the five gradation tests is not within the stockpile tolerances shown in Table 335-4 for any sieve size, remove the stockpiled material and replace it with new aggregate or blend other aggregate sources with the stockpiled material. Aggregates used in blending must meet the quality tests shown in Table 335-3 before blending and must be blended in a manner to produce a consistent gradation. If new aggregate is obtained or blending of aggregates is performed, submit a new mix design to the Engineer for approval prior to production of the mix. The new mix design gradation shall be within the gradation range for a Type II mixture shown in Table 335-4.

The Engineer may obtain stockpile samples at any time. If the average of five gradation tests conducted in accordance with FM 1-T 002 is not within the gradation tolerances shown in Table 335-4 for any sieve size, cease production until the problem is corrected to the satisfaction of the Engineer.

Screen the stockpiled aggregate prior to delivery to the paving machine to remove oversize material and non-desirable particles.

335-2.3 Mineral Filler: If mineral filler is required, utilize non-air entrained Portland cement or hydrated lime that is free from lumps. The Engineer will accept the mineral filler by visual inspection. The type and amount of mineral filler needed shall be determined by a laboratory mix design and will be considered as part of the aggregate gradation. An increase or decrease of less than one percent mineral filler may be permitted during production if it is found to result in better consistency or set times.

335-2.4 Water: Utilize water that is potable and free of harmful soluble salts or reactive chemicals and any other contaminants.

335-2.5 Additives: Additives may be added to the mixture or any of the component materials to provide the control of quick-trafficking properties. The additives to be used should be indicated on the mix design and be compatible with the other components of the mix.

335-3 Mix Design (Addendum # 2): Before work commences, submit a mix design to the Engineer incorporating the specific materials to be used on the project. The mix design shall be developed by a laboratory which has experience in designing micro-surfacing mixtures and an aggregate source used on five (5) similar microsurfacing projects.

Submit the proposed mix design with supporting test data indicating compliance with all mix design criteria. Allow the State Materials Engineer a maximum of one week to either conditionally verify or reject the mix as designed. Compatibility of the aggregate, polymer- modified emulsion, mineral filler, and other additives shall be verified on the mix design. Meet the requirements provided in Table 335-5. After the mix design has been approved, no substitutions to the mix design will be permitted, unless approved by the Engineer. 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 the Engineer will no longer allow the use of the mix design.

Warranty (Addendum # 2):

The Contractor shall provide the County upon final acceptance of the Microsurfacing work, a warranty period of three year which shall include all labor, materials, hauling, traffic control and striping to repair the defective areas. Defective areas shall include debonding/delamination, bleeding, excessive releveling and aggregate loss exposing roadway surface. The Contractor shall perform all warranty work at no cost to the County.

Table 335-5		
Mix Design Testing Requirements		
ISSA	Property	Specification Requirements
ISSA TB – 139	Wet Cohesion @ 30 minutes Minimum (Set) @ 60 Minutes (2)	12 kg-em Minimum 20 kg – em Minimum or Near Spin
ISSA TB - 109	Excess Asphalt by Loaded Wheel Tester (LWT) Sand Adhesion	50 g/sf Maximum
ISSA TB – 114	Wet Stripping	90% Minimum
ISSA TB - 100	Wet-track Abrasion Loss: One – hour Soak Six - Day Soak	50 g /ft ² Maximum 75 g/ ft ² Maximum
ISSA TB – 147	Lateral Displacement Specific Gravity after 1,000 Cycles of 125 lb.	5% Maximum 2.10 Maximum
ISSA TB – 144	Classification Compatibility	11 Grade Points Minimum (AAA, BAA)
ISSA TB - 113	Mix Time @ 77 Degrees F	Controllable to 120 Second Minimum

- (1) ISSA = International Slurry Surfacing Association
(2) The mixing test and set-time test should be checked at the highest temperatures expected during construction.

The mix design must clearly show the proportions of aggregate, mineral filler, water, additive usage, and polymer-modified asphalt emulsion based on the dry weight of the aggregate. Meet the mix design component material requirements provided in Table 335-6.

Table 335-6 Mix Design Component Material Requirements	
Component Materials	Specification Requirements
Residual Asphalt	5.5 to 10.5% by dry weight of aggregate
Mineral Filler	0.0 to 3.0% by dry weight of aggregate
Polymer-based Modifier	Minimum of 3% solids based on bitumen weight
Additives	As
Water	As required to produce proper mix consistency

335-4 Rate of Application: The average single application rate, as measured by the Contractor, shall be 20-26 lb/sy. Application rates are based upon the weight of dry aggregate in the mixture. The maximum drop off at the edge of the pavement shall be 1/4 in.

335-5 Equipment.

335-5.1 General: Maintain all equipment, tools, and machines, used in the performance of this work, in satisfactory working condition at all times to ensure a high-quality product.

335-5.2 Mixing Equipment: Use a machine specifically designed and manufactured to place micro-surfacing. Truck mounted and self-loading continuous machines are acceptable. Mix the material with an automatic-sequenced, self-propelled micro-surfacing mixing machine, which is a continuous-flow mixing unit able to accurately deliver and proportion the aggregate, emulsified asphalt, mineral filler, control setting additive, and water to a revolving multi-blade, double-shafted mixer and to discharge the mixed product on a continuous-flow basis. The machine shall have sufficient storage capacity for aggregate, emulsified asphalt, mineral filler, control additive and water to maintain an adequate supply to the proportioning controls. Self-loading continuous machines shall be capable of loading materials, while continuing to lay microsurfacing, thereby minimizing construction joints. Self-loading continuous machines shall be equipped to allow the operator to have full control of the forward and reverse speeds during applications of the micro-surfacing material and shall be equipped with opposite-side driver stations to assist in alignment. The self-loading device, opposite-side driver stations, and forward and reverse speed controls shall be original equipment manufacturer design.

335-5.3 Proportioning Device: Provide and properly mark individual volume or weight controls for proportioning each material to be added to the mix (i.e., aggregate, mineral filler, emulsified asphalt, additives, and water).

335-5.4 Spreading Equipment: Agitate and spread the mixture uniformly in the surfacing box by means of twin-shafted paddles or spiral augers fixed in the spreader box. Provide a front seal to insure no loss of the mixture at the road contact point. The rear seal shall act as a final strike-off and shall be adjustable.

The spreader box and rear strike-off shall be so designed and operated that a uniform consistency is achieved to produce a free flow of material to the rear strike-off. The spreader box shall have suitable means provided to side shift the box to compensate for variations in the pavement geometry.

335-5.4.1 Secondary Strike-off: Provide a secondary strike-off to improve surface texture. The secondary strike-off shall have the same adjustments as the spreader box.

335-5.4.2 Rut-filling Box: Place preliminary micro-surfacing material to fill ruts, utility cuts, depressions in the existing surface, etc., when required on the plans and before the final surface course is placed. Fill in ruts of 1/2 inch or greater in depth independently with a rut-filling spreader box either five or six feet in width. For irregular or shallow rutting of less than 1/2 inch in depth, place a full-width scratch-coat pass, if so directed by the Engineer. Ruts that are in excess of 1/2-1/2 inches in depth may require multiple placements with the rut-filling spreader box to restore the cross-section. Cure all rut-filling leveling material under traffic for at least a twenty-four hour period before additional material is placed on top of the leveling material.

335-5.5 Auxiliary Equipment: Provide suitable surface preparation equipment, traffic control equipment, hand tools, and any other support and safety equipment necessary to perform the work.

335-6, Calibration: Calibrate each mixing unit to be used in the performance of the work in the presence of the Engineer prior to the start of construction. Document the individual calibration of each material at various settings, which can be related to the machine metering devices. Do not utilize any mixing unit on the project until the calibration has been completed and approved by the Engineer.

335-7 Weather Limitations: Do not apply micro-surfacing if either the pavement or air temperature is below 45°F. Do not apply micro-surfacing when there is the possibility that the finished product will freeze within 24 hours. Do not apply micro-surfacing in the rain. The mixture shall not be applied when weather conditions prevent opening to traffic within a reasonable amount of time, as determined by the Engineer.

335-8 Surface Preparation.

335-8.1 General: Immediately prior to applying the micro-surfacing, clear the surface of all loose material, silt spots, vegetation, and other material that will negatively affect the quality of the micro-surfacing utilizing any standard cleaning method. If water is used for cleaning, allow cracks to dry thoroughly before applying micro-surfacing. Protect manholes, valve boxes, drop inlets and other service entrances from the micro-surfacing mixture by a suitable method. The Engineer will approve the surface preparation prior to micro-surfacing. No loose aggregate, either spilled from the lay-down machine or existing on the road, will be permitted.

335-8.2 Cracks: (Addendum # 2) Pre-treat any cracks in the surface of the pavement, with a crack sealer approved by the Engineer, prior to the application of the micro-surfacing. Fill any cracks with a width greater than 1/4 inch. Do not overfill the cracks.

335-9 Application.

335-9.1 General: Pre-wet the surface by fogging ahead of the spreader box. Adjust the rate of application of the fog spray to suit temperatures, surface texture, humidity, and dryness of the pavement.

The micro-surfacing shall be of the desired consistency upon leaving the mixer.

Carry a sufficient amount of material in all parts of the spreader at all times so that complete coverage is obtained. Avoid overloading of the spreader. Do not allow lumping, balling or unmixed aggregate in the micro-surfacing mixture.

Do not leave streaks, such as those caused by oversized aggregate, in the finished

surface. If excess streaking develops, stop production until the situation has been corrected. Excessive streaking is defined as more than four drag marks greater than 1/2 inch wide and 4 inches long, or 1 inch wide and 3 inches long, in any 30 sq area. Do not permit transverse ripples or longitudinal streaks of 1/4 inch in depth or greater, when measured by placing a 10-foot straight edge over the surface.

335-9.2 Joints: Prevent excessive buildup, uncovered areas, or unsightly appearance on longitudinal and transverse joints. Provide suitable-width spreading equipment to produce a minimum number of longitudinal joints throughout the project. Place longitudinal joints on lane lines, where possible. Use half passes and odd-width passes only when absolutely necessary.

Do not use a half pass as the last pass of any paved area. Do not overlap longitudinal lane line joints by more than three inches. Do not construct joints having more than a 1/4 inch difference in elevation when measured by placing a 10-foot straight edge over the joint and measuring the elevation drop-off.

335-9.3 Mix Stability: Produce a micro-surfacing mixture that possesses sufficient

stability so that premature breaking of the material in the spreader box does not occur. The mixture shall be homogeneous during and following mixing and spreading. The mixture shall be free of excess water or emulsion and free of segregation of the emulsion and aggregate fines from the coarser aggregate. Do not spray water directly into the lay-down box while laying micro-surfacing material under any circumstances.

335-9.4 Handwork: Utilize hand squeegees to provide complete and uniform coverage of micro-surface areas, which cannot be reached with the mixing machine. Lightly dampen the area to be handworked prior to mix placement, if necessary. Care shall be exercised to leave no unsightly appearance from handwork. When performing handwork, provide the same type of finish as that applied by the spreader box.

335-9.5 Lines: Construct straight lines along curbs and shoulders. Do not permit runoff on these areas. Keep lines at intersections straight to provide a good appearance. If necessary, utilize a suitable material to mask off the end of streets to provide straight lines. Do not allow edge lines to vary by more than ± 2 inches in horizontal variance in any 96 feet of length.

335-9.6 Cleanup: Remove micro-surfacing mixture from all areas, such as manholes, gutters, and intersections, and as otherwise specified by the Engineer. On a daily basis, remove any debris resulting from the performance of the work.

335-10 Quality Acceptance.

335-10.1 Sampling and Testing: The Engineer shall obtain two samples of micro-surfacing mixture for each day of production. The samples shall be obtained at different periods during the production day and the Engineer shall test each sample in accordance with FM 5-563 and FM 1-T 030 to determine the residual asphalt content and the gradation of each sample. Evaporate all water from the sample prior to testing. Determine the deviation of the test results for each sample from the mix design target values. Average the absolute values of the deviations for the two tests. Compare the average deviation from the mix design to the mixture control tolerances shown in Table 335-7.

Table 335-7 Micro-surfacing Mixture Acceptance Limits	
MIX	Tolerance from Mix Design Target Values
Percent Passing No.4 Sieve	± 5
Percent Passing No. 8 Sieve	± 5
Percent Passing No. 50 Sieve	± 4
Percent Passing No. 200 Sieve	± 3.0
Residual asphalt content (based on dry weight of aggregate)	± 0.5 percent

335-10.2 Residual Asphalt Content: If the average deviation of the residual asphalt content for a day's production is greater than the allowable tolerance in Table 335-7, then a two percent reduction in unit price will be assessed for each 0.1 percent the residual asphalt content is outside the allowable tolerance for each day that the tolerance was exceeded. Stop production of the mixture and make adjustments to correct the problem to the satisfaction of the Engineer prior to resuming production.

335-10.3 Aggregate Gradation: If the average deviation of any of the

gradation properties for a day's production is greater than the allowable tolerance in Table 335-7, then stop production of the mixture and make adjustments to correct the problem to the satisfaction of the Engineer prior to resuming production.

335-10.4 Aggregate Application Rate: Control the application rate for micro-surfacing to within the range specified in 335-4 on a daily basis. No additional compensation will be paid for micro-surfacing application rates placed in excess of the specified range. The unit price will be reduced by five percent for each lb/sy rate less than the specified range. For application rates outside the specified range, stop production of the mixture and make adjustments to correct the problem to the satisfaction of the Engineer prior to resuming production. Accept a pay reduction for deficient daily production or overlay the deficient area at full plan width and depth at no additional cost to the Department.

VIDEO DETECTION PAY ITEM DESCRIPTION (IFB# 12-1479-DS) (Addendum #2)

663-74-15 (Video Detection System Installation)

The contractor shall furnish and install the Iteris Vantage RZ4 Advanced Wide Dynamic Range Color Camera System. This includes one (1) video detection camera plus required video system components. The installation shall be in strict accordance with the guidance contained in the video detection system's installation manuals. The contractor shall only use manufacturer approved cabling connectors and components to complete the installation of the video detection system. The signal contractor shall consult with the video camera's technical representatives prior to ordering the system components and to obtain optimum camera placement and mounting height to each camera prior to installation. After the system installation is complete the contractor shall request a system critique from the video detection equipment supply manufacturer. The results of the system critique shall be provided in writing to Manatee County prior to scheduling the final inspection of the signal system.

The cost of this item shall also include a factory certified representative from the manufacturer to be on-site during installation and setup.

663-74-15(a) (Video Detection Camera Installation)

The contractor shall furnish and install one (1) Iteris Vantage RZ4 Advanced Wide Dynamic Range Color Camera in strict accordance with the guidance contained in the video detection system's installation manuals. The contractor shall only use manufacturer approved cabling connector and components to complete the installation of the video detection camera. The contractor shall consult with the video camera's technical representatives prior to ordering the video detection camera components and to obtain optimum camera placement and mounting height to each camera prior to installation. After the video detection camera installation is complete the contractor shall request a system critique from the video detection equipment supply manufacturer. The results of the system critique shall be provided in writing to Manatee County prior to scheduling the final inspection for the signal system.

The cost of this item shall also include a factory certified representative from the manufacturer to be on-site during installation and setup.

SECTION 00030
GENERAL TERMS AND CONDITIONS OF THE CONTRACT
ADDENDUM # 2

C.01 BLANKET ORDER

A master agreement (blanket purchase order (s)) shall be issued as a result of this bid. A blanket purchase order number, when accompanied by a valid release order number provided by an authorized county department, will authorize work on an **“as required”** basis, bound by the terms and conditions herein.

The Contractor is not authorized to proceed with, and will not be compensated for, any work that is not authorized by a valid release order number issued by the County’s Representative.

Quantities of purchases will vary depending on the authorized budget of each authorized County Department. Bid items, package size, and unit prices shall be as itemized on the attachment to the blanket purchase order.

Perform no work until a valid release order is provided.

All invoices shall reference in detail, the name and address of the project, the blanket purchase order number, the release number, the bid item numbers and quantity for each item to complete the release and consider it complete to process subsequent payment in Finance. An executed public construction bond will need to be made part of the release. (see attached)when a release is \$100,000.00 up to the maximum threshold of \$299,999.99 a recorded executed surety bond per F. S. §255.05 will be required to be in place prior to commencement of the awarded work. Per C.16 of this solicitation, Performance and Payment Bonds shall be issued to Manatee County, a political subdivision of the State of Florida. The contractor will add as a separate entry the cost of the bonding with supporting invoice on the submitted pay application/invoice to the County.

C.02 ASSIGNMENT OF CONTRACT

Contract shall not assign, transfer, convey, sublet or otherwise dispose of this Contract or of his right, title, or interest therein, or his power to execute such Contract, or to assign any monies due or to become due thereunder to any other person, firm or corporation unless first obtaining the written consent of the County. The giving of such consent to a particular subcontractor assignment shall not dispense with the necessity of such consent to any further or other assignment.

C.03 QUANTITIES

Exact quantities of service to be procured under this contract cannot be determined at this time. Orders will be issued on an **“as required basis”**; this may include all or part of the quantities specified, or may result in additional quantities. The quantities listed are estimated and only given as a guideline for preparing your bid and should not be construed as representing actual quantities to be purchased.

C.04 DELIVERY TIME

The primary goal of this contract is the speedy acquisition of repair services

SECTION 00030
GENERAL TERMS AND CONDITIONS OF THE CONTRACT
ADDENDUM # 2

C.04 DELIVERY TIME (Continued)

Contractor's responsiveness under the terms of this contract is paramount. Upon notification (verbal or written) of a need for services, the Contractor shall acknowledge the request and shall be expected to prepare a bid for presentation to the County and at a minimum provide temporary repairs within 24 hours from time of notification. Emergency situation response time shall be within four (4) hours. The repair work shall be completed within seven (7) calendar days after County's acceptance of the bid (unless otherwise approved by the County).

Failure to respond within the time specified may result in the work being performed by others and/or termination of this contract.

C.05 CONTRACT TERM

This contract shall be for a period of one (1) year, commencing from date of award, unless renewed or terminated.

C.06 RENEWAL

Provided that there are no changes in prices, terms, or conditions, this contract shall be automatically extended/renewed beyond the first twelve (12) month contract period for additional twelve (12) month period not to exceed total contract duration of twenty four (24) months. **Written notice of intention not to renew must be submitted by the Contractor 90 days prior to the end of a contract period.** Should any Contractor choose not to renew the Bid awarded, the County reserves the right to terminate the Contract

Should any Contractor choose not to renew the bid awarded, the County reserves the right to terminate the contract with that Contractor and select the next qualified bidder, or re-advertise for those bid items, or solicit a new Invitation for Bid for all items (including multiple bid awards).

C.07 PRICE ADJUSTMENTS FOR RENEWAL PERIODS

Prices shall remain firm for the first twelve month base contract term. Requested price changes for the remaining terms may be adjusted in accordance with the Bureau of Labor Statistics Consumer Price Index (CPI-U); U.S.A. 1982-84 equals 100. The adjustment shall be calculated by dividing the Index on the anniversary date of the previous year's index and subtracting 1.00. If, on the anniversary date, the Index shows a change from the Index of the previous year, this percentage, not to exceed four (4%) percent annually, will be used to adjust the unit prices Bid.

Cost (per ton) of Liquid Asphalt shall be adjusted (beginning at time of award) according to the Commodity Asphalt Index effective the day of paving. Contractor shall submit a copy of the Index and formula used with pay request.

SECTION 00030
GENERAL TERMS AND CONDITIONS OF THE CONTRACT
ADDENDUM # 2

All post award communications will be addressed to:

Manatee County
Project Management Department
Attn: Mr. Brian Martineau, Sr. Engineering Specialist
1022 26th Avenue East
Bradenton FL 34208

(941)-708-7450 ext. 7243

The Contractor's employees, engaged on a Manatee County project, shall be full time, regular personnel. **The use of short term temporary or casual day labor will not be accepted without prior approval.**

The work shall be done in accordance with the Florida Department of Transportation Standard Specifications for Road and Bridge Construction, 2010 Edition.

C.08 CANCELLATION

Any failure of the contractor to furnish or perform the Work (including, but not limited to, commencement of the Work, failure to supply sufficient skilled workers or suitable materials or equipment) in accordance with the contract, the County may order the stop of the Work, or any portion thereof, until the cause for such order has been eliminated. If the contractor persistently fails to perform the Work in accordance with the contract, the County reserves the right to terminate the contract and select the next qualified bidder or re-advertise this procurement in part or in whole. The County reserves the right to cancel all or any undelivered or unexecuted portion of this contract with or without cause.

C.09 WARRANTY AND GUARANTEE PROVISIONS

All work, materials, and equipment furnished as defined herein shall be guaranteed and warranted by the Contractor for a minimum period of **three (3) years**, unless otherwise specified, from final acceptance by the County to be free from defects due either to faulty materials or equipment or faulty workmanship.

All materials, equipment, and workmanship furnished and installed by the Contractor is warranted and guaranteed by the Contractor to meet the required standards and to accomplish the purposes and functions of the project as defined, detailed, and specified herein.

Specification Requirements – Thin Lift Surface Treatment

This section describes the materials, composition, job mix formula and compensation for "Thin Lift Surface Treatment". The requirements for plant and equipment for this pavement are specified in FOOT Standard Specifications Section 320. Specifically five to eight ton tandem steel wheel rollers shall be used to obtain acceptable compaction.

1. Materials

a. Aggregate materials for use in this pavement shall be granite screening from an FOOT approved source of supply, obtained from the crushing of material meeting Section 901-2.2 of FOOT Standard Specification.

b. Bituminous material for pavement shall be Asphalt Cement Viscosity Grade AC-20 or AC-30, meeting the requirements of 916.1 of FOOT Specification. The bituminous material will contain 0.5% of a heat stable multi-stripping agent, from an approved source.

c. Tack coat shall meet the provisions outlined in Sections 300-2 and 300-7 of FOOT Specification.

2. Mix Requirements

a. Gradation of the mixture shall be as follows:

Sieve Size	Percent Passing
3/8"	>98%
No. 4	85-100
No. 10	55-75
No. 40	15-30
No. 80	7-18
No. 200	4-10

b. Gradation and asphalt content of the mix during production will be determined by the County at the minimum frequency of once per 500 tons produced and also by the producer at a frequency of once per day if production exceeds 100 tons, or whenever construction days production exceeds 100 tons. Should any test result fall outside tolerances listed in Table 33 1-5 of FOOT Standard Specifications, production will be suspended until corrective action satisfactory to the County is taken.

c. Air Void content by design will be between eight and fourteen percent. Void content will be verified, by the contractor, at a minimum frequency of once per week of production.

d. Marshall Stability for this will be in excess of 1,000. Producer shall provide the County with a design mix for approval prior to beginning production. Item 2 through 9 Section 33 1-4.3.1 and Section 331-4.3.2 of 2000 FDOT Standard Specifications will apply to design mix requirements.

3. Basis of Pavement

a. The contract price per square yard or per ton, as applicable, shall be full compensation for all the work unspecified under this Section.

b. Payment reduction for not meeting pounds per square yard thickness. If the application rate falls 10% below the specified amount the unit price will be reduced 20%.

Item No. Thin Lift - per square yard at 35# per square yard
Item No. Thin Lift - per square yard at 50# per square yard
Item No. Thin Lift "Rut Fill" - per ton

FOOT Test Procedures to be utilized for Verification

Stability and Flow	FM5-51 I
Max. Theoretical Specific Gravity	FM1-T209
Extraction and Gradation	FM5-563
Lab. Compacted Gravity	FM-T166

ADDENDUM # 2 IFB# 12-1479-DS

HOT- in PLACE SPECIFICATIONS

PART I

1.1 GENERAL

The Contractor shall furnish all labor, material, consumables, tools and equipment necessary to perform all operations for "hot-in-place" recycling of street asphalt, addition of a rejuvenating agent, and subsequent resurfacing of the street, at selected streets within Manatee County, on an as-needed basis. The list of street names and surfaces selected for application will be provided by the County after the bid award. Asphaltic concrete used to complete this work shall conform to the applicable Technical Specifications sections, unless otherwise modified herein. The quality of workmanship and materials used in restoration shall produce a surface equal to or better than the condition before the Work began.

1.2 SCOPE OF WORK

The essential portions of the proposed Work for the Project are summarized as follows: The Work consists of street cleaning and a single pass, single machine process of heating, scarifying, and reworking existing pavement, adding a recycling agent, redistributing the processed materials and placing an asphalt concrete surface course overlay of Type S-III asphalt concrete, at a rate of 110 pounds per square yard. Surface adjustment of manhole rings, as requested by the County, will be required. Striping, Markings and Restoration of vehicle detector loops will also be required.

The estimated quantities and Contract Pay Items are listed in the Invitation for Bid.

1.3 ESTIMATED QUANTITIES

The estimated quantities listed in the bid for the various Contract Pay Items shall be used for the purposes of comparing bids. Certain estimated quantities listed are greater than the quantities required to complete the Work. The greater quantities and quantities of work items not shown may be for contingent work; compensation for contingent work will be made if required and approved by the Engineer. The County reserves the right to vary the estimated quantities or to delete the Work and the corresponding Contract Pay Items from the Contract. The Contractor will be compensated for work actually performed as indicated in the Specifications or as authorized by the Engineer, all in accordance with the unit prices and lump sum prices contained in the bid. The bidder shall quote in the bid a unit or lump sum price for which he will perform the work for each bid item.

ADDENDUM # 2 IFB# 12-1479-DS HOT- in PLACE SPECIFICATIONS

1.4 SAFEGUARDING SURVEY MARKS

The Contractor shall safeguard all existing property monuments, benchmarks, and other survey marks adjacent to and within the Project limits, and shall bear the cost of reestablishing them if disturbed or destroyed.

1.5 INSPECTION AUTHORITY

The Engineer has ultimate responsibility for contract administration and inspection for this bid. The Engineer may assign field inspection responsibilities to a Design Professional and/or County Inspector.

Each step of construction is subject to approval by the Engineer prior to proceeding with a subsequent step. During the progress of the Work and up to the date of the final acceptance, the Contractor shall, at all times, afford representatives of the City, the County, the State, the Department of Environmental Protection, the Department of Labor, or any other agency with jurisdiction, every reasonable, safe, and proper facility for observation of the Work done or being done at the site, and also the manufacture or preparation of materials and equipment at the place of such manufacture or preparation.

1.6 QUALIFICATIONS

The bidder shall have a minimum of three years experience in applying the product proposed for use in this specification. He must submit with his bid a list of five similar projects on which he worked. He shall indicate the project dates, number of square yards treated in each and the name and phone number of the official in charge of each project.

1.7 SUBMITTALS

The bidder must submit with his bid the manufacturer's certification that the material proposed for use is in compliance with the specification requirements. The bidder must submit with his bid previous use documentation and test data conclusively demonstrating that; the rejuvenating agent has been used successfully for a period of five years by government agencies such as Cities, Counties, etc; and that the asphalt rejuvenating agent has been proven to perform, as heretofore required, through field testing by government agencies as to the required change in the asphalt binder viscosity and penetration number. Testing data shall be submitted indicating such product performance on a sufficient number of projects, each being tested for a minimum period of three years to insure reasonable longevity of the treatment, as well as product consistency.

ADDENDUM # 2 IFB# 12-1479-DS
HOT- in PLACE SPECIFICATIONS

1.7 SUBMITTALS (Continued)

The Contractor shall submit shop drawings, and samples where specified for the following materials:

Equipment
Asphaltic Concrete Type S-III
Recycling Agent

The Contractor shall submit to the County in writing the proposed asphalt design mixes and sufficient samples for study and testing.

1.8 WARRANTY

The Contractor shall provide workmanship and labor warranty for a period of at least 12 months from the date of application. The material warranty shall be as offered by the manufacturer.

1.9 DELIVERY AND STORAGE

Contractor shall deliver materials in ample quantities to ensure the most speedy and uninterrupted progress of the Work to complete the Work within the allotted time. The Contractor shall also coordinate deliveries in order to avoid delay in, or impediment of, the progress of the Work of any related contractor. The Contractor shall provide space for storage of materials and equipment.

1.10 WORK SCHEDULE AND PROGRESS SCHEDULE

Normal working hours are 7:00 AM to 7:00 PM, Monday through Friday. Work on holidays, weekends, and evenings will be done if determined by the Engineer. The Contractor shall schedule his work so as to maintain at least a one-way traffic and shall provide effective dust control at all times. Two lane traffic shall be maintained whenever possible. No interruption of access to property shall be made unless prior arrangements acceptable to the occupant or owner of the property have been made by the Contractor in writing.

Contractor shall prepare and submit to the Engineer a **Progress Schedule** showing the order in which the Contractor proposes to carry out the Work, the start dates and the completion dates of the salient features of the Work. It shall clearly depict the order, inter-dependence, and duration of each activity. Any changes to the Progress Schedule shall be in writing, and shall be cleared by the Engineer in advance. If the Engineer orders a phase of construction to be stopped due to the Contractor's neglect to adhere to the sequence of operations or any other non-conformance of specifications, as outlined herein, the Stop Work Order shall not constitute a basis for an extension of time.

ADDENDUM # 2 IFB# 12-1479-DS
HOT- in PLACE SPECIFICATIONS

PART II MATERIALS AND EQUIPMENT

2.0 GENERAL

- A. All materials, appliances, and types of construction shall be in accordance with the F.D.O.T. Standard Specifications for Road and Bridge Construction, 2000 edition, and shall, in no event, be less than that necessary to conform to the requirements of any applicable State, County, Federal, laws, ordinances, and codes.
- B. All materials and equipment to be incorporated into the Work shall be new, unused and correctly designed.

They shall be of standard first grade quality, produced by expert workmen, and be intended for the use for which they are offered. Materials or equipment which, in the opinion of the Engineer, are inferior or of a lower grade than indicated, specified, or required, will not be accepted.

- C. For detailed specifications for Type S-III Asphaltic material, and Asphaltic Concrete Pavement, the Contractor shall consult F.D.O.T. Standard Specifications for Road and Bridge Construction, 2000 edition.
- D. Only "Asbestos-Free" materials shall be incorporated into the Work, unless the Technical Specifications specifically call for otherwise. Material suspected of being Regulated Asbestos Containing Material (RACM), includes but is not limited to: thermal and acoustic insulation, joint compound, mastic, adhesive, vinyl floor tile and sheeting, ceiling tile, plaster, wall board, roofing felt, and shingle. Shop drawings for material or equipment suspected of being RACM shall list all contents, shall be noted "Asbestos-Free," and shall be screened by the Contractor prior to submittal to confirm that it is "Asbestos-Free." All materials delivered to the Project site shall have been approved through the shop drawing procedure and shall be in their original labeled and unopened containers.
- E. In the event that asbestos-containing material installed by the Contractor is discovered either during construction, following completion of construction, or following acceptance of the Contract Work by the County and closeout of the Contract, it will be the responsibility of the Contractor to pay all costs incurred to remove and replace those materials, including repair or replacement of all adjacent materials which are affected by the abatement process.

ADDENDUM # 2 IFB# 12-1479-DS

HOT- in PLACE SPECIFICATIONS

2.1 EQUIPMENT

- A. The machine used to recycle the existing pavement shall be designed and built for this specific purpose. The machine shall be capable of heating by infrared heat, scarifying to a minimum of one-inch depth, applying a recycling agent, reworking and redistribution of the existing asphalt concrete surface course (minimum ten-foot width), and a concurrent application of the final surface course of Type III material in a single machine operation. The machine shall have the capability of maintaining a recycled mat temperature of 225 degrees F throughout the repaving operation, including application of the final course.
- B. The machine shall also be capable of reworking the material around manholes and other obstacles. The machine shall be equipped to add the recycling agent and mix the pavement material evenly, and shall be equipped with a leveling blade and screed for regrading the existing asphalt concrete surface course. The screed shall be a heated vibratory screed equipped with crown controls and be capable of adjustment to redistribute the existing asphalt concrete surface course in order to produce the desired longitudinal grade and transverse cross section.
- C. The machine shall be on the site in operating condition sufficiently in advance of beginning of the surface-recycling project to allow full evaluation.

As required by the Engineer, the Contractor shall demonstrate that the machine he proposes to use will achieve the results specified.

2.2 ASPHALTIC CONCRETE PAVEMENT

Unless otherwise specified elsewhere, all asphalt concrete shall be Type S-III mix as specified in the F.D.O.T. Standard Specifications for Road and Bridge Construction, 2000 Edition. Asphalt concrete shall be placed and compacted to provide a minimum thickness as specified on the Plans. Samples of the material shall meet the quality requirements as specified in ASTM D979, to determine conformance to the approved design mix. Construction material and workmanship shall conform to the applicable requirements of DOT-SSRBC sections 320, 330, 331 and 332.

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HOT- in PLACE SPECIFICATIONS

2.3 TYPE S-III ASPHALT CONCRETE

Type S-III asphalt concrete shall be used for an alternate for the final surface (no friction course specified), and, as the final layer of structural course only. The composition and physical test properties for Type S-III are described below.

Minimum Marshall Stability (lbs)	1500
Flow (.01 in.) in %	8-14
Minimum VMA in %	15
Air Voids in %	3-7
Minimum Effective Asphalt Content	5.5
Percent by weight total aggregate passing sieves	--See Section 331 (FDOT 2000)
Asphalt Cement Viscosity Grade AC-20	--See Section 916-1
Mineral Filler	--See Section 917-1, 917-2
Course Aggregate, Stone, Slag or Crushed Grave	--See Section 901
Fine Aggregate	--See Section 902

The aggregate shall be clean and shall not contain any deleterious substances. Course or fine aggregate containing any appreciable amount of phosphate shall not be used.

2.4 RECYCLING AGENT

A. General

The recycling agent, or restorative agent, shall be an emulsified asphalt-recycling agent as approved by the County. These specifications establish the requirements and uses for recycling agents used in the repaving of asphaltic surfaced streets. Recycling agents are used to restore the plasticity to existing asphaltic paving. Either the agent is used independently an emulsified agent is used in conjunction with cationic emulsified asphalt.

B. Use of agent without addition of emulsified asphalt tightly or equal:

Flash Point, CCC, Degrees C	195 Min. Viscosity, mPa Sec
100 Degrees C	15-22
60 Degrees C	90-180
38 Degrees C	500-1500
Refractive Index	1.5460 Min.
Four Point, Degrees C	+27 Max.
Specific Gravity, 15.6115.6 Degrees C	980-1.040
Analine Point, Degrees C	48 Max.
Molecular Analysis, Clay Gel, %	
Polar Compounds	8 Min.
Aromatics	65 Max.
Saturates	27 Max.
Asphaltenes	.2 Max

Note: mPa Sec = Centipoise

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HOT- in PLACE SPECIFICATIONS**

C. Use of agent in conjunction with Cationic emulsified asphalt AE30OR or equal:

Viscosity, Saybolt Furol at 77 Deg F, Sec	15-100
Sieve Test, %	.10 Max
Miscibility	No coagulation
Particle Charge	Positive
Residue, % by weight (2)	60 Min.
Tests on residue from Evaporation Test	
Flash Point, COC, Degrees F	400 Min.
Viscosity at 140 Degrees F, cSt	75-250
Viscosity at 275 Degrees F, cSt	7.0 Max

D. Sampling and Testing:

The Contractor shall submit samples of the recycling agents along with samples of existing pavement to a competent laboratory, which will select a formulation suited for the Project, and determine the rate of application for the recycling agent that will provide the desired viscosity in the recycled pavement. The Engineer reserves the right to make changes in the recycling agent formulation and rate of application at any time throughout the construction duration.

PART III EXECUTION

3.1 HOT-IN-PLACE ASPHALTIC RECYCLING

- A. The existing pavement shall be removed to varying depths in a manner which will restore the pavement surface to a uniform longitudinal profile and cross slope of $\frac{1}{4}$ inch per foot. Minimum removal depth shall be 1 inch, or as directed by the Engineer.
- B. Prior to recycling, the pavement shall be cleaned by the Contractor so as to be reasonably free from sand, dirt and other deleterious substances that would affect the quality of the recycled mix.
- C. The entire width of pavement surface being processed in a single pass shall be uniformly heated in such a manner as to soften the existing pavement to the extent that it can be scarified in a manner that will result in a layer of uniformly loosened material without appreciable ridges of undistributed material which will provide sufficient scarified material to allow the pavement surface to be restored to the shape specified. Spot leveling may be necessary as directed by the Engineer.
- D. An approved recycling agent shall be applied to the scarified material, which then shall be distributed evenly over the width being processed so as to produce a uniform cross section. The exact amount of recycling agent will be determined by a competent laboratory and will generally range between 0.008 and 0.15 gallon per square yard as directed by the County.
- E. Asphaltic Concrete used shall be Type S-III.

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HOT- in PLACE SPECIFICATIONS

3.2 ADJUSTMENT OF EXISTING MANHOLE COVERS AND VALVE BOXES

The Contractor shall make vertical adjustments to existing manhole covers and valve boxes within or adjacent to all proposed construction. Covers and valve boxes shall be adjusted to elevations compatible to proposed roadway or parkway grades. The manhole covers and valve boxes, if needed, shall be supplied by the Contractor.

3.3 STREET RESURFACING WORK

- A. The Contractor shall clean, to the satisfaction of the County, existing surfaces to be resurfaced and shall maintain said clean surfaces until completion of resurfacing work. Prior to the Contractor's sweeping-cleaning operations, the County Maintenance Department, if given a minimum of 48 hours notice by the Contractor, will schedule to scrape and pull the curb line where there are heavy accumulations of dirt and/or debris. The Contractor shall furnish and apply the tack coat prior to placing of the asphaltic concrete.
- B. Where it becomes necessary, the Contractor will adjust manhole rings, as directed by the County. Manhole rings will be adjusted by the use of adjustment rings supplied by the Contractor. All such work shall be accomplished as ordered by the County.
- C. At streets intersected by streets being resurfaced, resurfacing shall be feathered along the radii of all returns, so as to maintain the drainage pattern of the intersection, or at the direction of the Engineer.

3.4 FINISHED SURFACE

The finished surface shall have a reasonable uniform texture and shall be within $\frac{1}{4}$ inch of a true profile grade and shall have no deviation in excess of $\frac{1}{4}$ inch from a straight edge applied to the pavement perpendicular to the centerline. Areas varying from a true surface in excess of the above state tolerance may be accepted without correction if the Engineer determines that they were caused by pre-existing condition, which could not have reasonably been corrected. Any unsuitable texture or profile, as determined by the Engineer, shall be corrected by the Contractor at no additional compensation.

3.5 STRIPING AND MARKING SPECIFICATIONS

Consult the manual on Uniform Traffic Control Devices (MUTCD).

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HOT- in PLACE SPECIFICATIONS

3.6 WORK IN PRIVATE PROPERTY AND RESIDENT NOTIFICATION

- A. The Contractor shall distribute by hand, a typed notice to all residences and businesses on the street to be treated. The notice will be delivered no more than 24 hours prior to the treatment of the road. The notice will have a local phone number that residents may call to ask questions. The notice shall be of the door hanger type, which secures to the door handle of each dwelling. Unsecured notices will not be allowed. The Contractor shall also place the notice on the windshield of any parked cars on the street. Hand distribution of this notice will be considered incidental to the contract.
- B. In the event that, in the opinion of the Contractor, obtaining a temporary construction easement outside the limits of the public right-of-way, of County-owned property, or of the easements obtained by the County is necessary or desirable, it shall be the sole responsibility of the Contractor to obtain such easement from the owner of the property. If such easement is obtained by the Contractor it shall contain provisions to hold the County harmless from any operations of the Contractor within the easement limits. The Contractor shall not conduct construction operations on private property outside the limits of the public right-of-way, of County-owned property, or of the easements obtained by the County unless a copy of the Temporary Construction Easement Agreement is filed with the Engineer.
- C. Upon completion of Work in easements, the Contractor shall restore the property, including all fences or other structures disturbed by his operations, as nearly as possible to the condition in which he found it. No material shall be used or removed from private property without the approval of the Engineer.

3.7 TRAFFIC CONTROL

- A. The work consists of maintaining traffic within the limits of the Project for the duration of the construction period, including any temporary suspensions of the Work. It shall include the construction and maintenance of any necessary detour facilities; the providing of necessary facilities for access to residences, businesses, etc., along the Project; the furnishing, installing, and maintaining of traffic control and safety devices during construction; the control of dust; and any other special requirements for safe and expeditious movement of traffic as may be called for on the Plans.
- B. The term, "traffic control" shall include all of such facilities, devices, and operations as are required for the safety and convenience of the public as well as for minimizing public nuisance; all as specified.

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- C. The Contractor shall schedule his operations and carry out the work in a manner to cause the least disturbance and/or interference with the normal flow of traffic over the areas to be treated. Treated portions of the pavement surfaces shall be kept closed and free from traffic until penetration, in the opinion of the Engineer, has become complete and the area is suitable for traffic.
- D. If for any reason, permanent traffic lines cannot be placed due to incomplete work, it shall be the Contractor's responsibility to place temporary traffic stripes prior to completing the day's operations.
- E. When, in the opinion of the Engineer, traffic must be maintained at all times on a particular street, then the Contractor shall apply asphalt-rejuvenating agent to one lane at a time. Traffic shall be maintained in the untreated lane until the traffic may be switched to the completed lane.
- F. The Contractor shall be responsible for all traffic control and signing required to permit safe travel. The Contractor shall notify the police and fire departments as to the streets that are to be treated each day.
- G. If, in the opinion of the Engineer, proper signing is not being used, the Contractor shall stop all operations until safe signing and barricading is achieved.

3.8 UTILITIES

Prior to construction, the Contractor shall familiarize himself with the location of all existing utilities and facilities within the project sites, and work in close co-operation with the utility company, so as not to disturb, destroy or otherwise harm any existing infrastructure.

3.9 DAMAGES

Access to the work sites shall be over public streets and highways. Any damage to existing pavement surface and base or other surface improvements outside the Contract Pay Limits, that are attributable to the Contractor's activities, shall be restored to like-new condition by the Contractor at his own expense.

3.10 METHOD OF MEASUREMENT, BASIS OF PAYMENT

A. Mobilization:

The cost of required insurance, consideration for indemnification to the County and the Engineer, and any other pre-construction expenses necessary for the start of the Work, excluding the cost of construction materials, shall be included in the various unit prices bid. No separate payment will be made.

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B. Traffic Control:

The Scope of Work consists of maintaining traffic for the duration of the construction period, including any temporary suspensions of the work details of which are mentioned in Section 3.11. Payment for traffic control shall be included in the various unit prices bid. No separate payment will be made.

C. Hot In-Place Asphalt Recycling:

Payment under this Pay Item provides for all costs for hot in-place asphalt recycling existing asphaltic concrete roadway, including but not limited to: cleaning the surface, scarifying, mixing the recycling agent, mixing the concrete and redistributing the final mixture, rolling and compacting the placed mixture, and any temporary traffic control markings as required by the Engineer. The price quoted shall be on a per square yard basis.

D. Asphaltic Concrete Type S-III:

Payment under this Pay Item provides for all costs for furnishing and placing Type S-III asphaltic concrete for mixing into the recycled material, including but not limited to trucking to job site and placing in mixer. The price quoted shall be on a per ton basis.

E. Recycling Agent:

Payment under this Pay Item provides for all costs for furnishing the recycling agent to be mixed into the scarified material at a rate of .008 to 0.15 gallon per square yard, including but not limited to delivery to the job site and adding to the mix. The price quoted shall be on a per gallon basis.

F. Bid Items:

PAY ITEM	PAY UNIT
Hot In-Place Asphalt Recycling	SY
Recycling Agent	GAL
Furnish and Place S-III Asphalt	TON

END OF SECTION

ADDENDUM # 2
CRACK FILLING/SEALING

Section 1.

1.1 Description

All cracks within the specified area that are one quarter (1/4) inch or greater shall be properly prepared and sealed. All contractors and their subcontractors shall be FDOT prequalified.

1.2 References

All reference standards and specifications shall be the current issue or latest revision at the first date of tender advertisement. These specifications herein are in addition to the following standards, specifications or publications listed below:

- ASTM D-5329: Standard Test Method for Sealants and Fillers, Hot-Applied, For Joints and Cracks in Asphaltic and Portland Cement Concrete Pavements.
- ASTM D36: Standard Test Method for Softening Point of Bitumen (Ring-and-Ball Apparatus)
- ASTM D3111: Standard Test Method for Flexibility Determination of Hot-Melt Adhesives by Mandrel Bend Test Method.
- ASTM D113: Standard Test Method for Ductility of Bituminous Materials
- ASTM D-2669: Standard Test Method for Apparent Viscosity of Petroleum Waxes Compounded with Additives (Hot Melts)
- ASTM D4: Standard Test Method for Bitumen Content
- ASTM D6690: Standard Specification for Joint and Crack Sealants, Hot Applied, for Concrete and Asphalt Pavements

1.3 Submittals

- a) The CONTRACTOR shall submit to the Project Manager the specifications sheets along with the manufacturer's suggested installation procedures of the type of crack seal that is to be used.
- b) A log sheet shall be maintained during the crack seal operations. The original of this log sheet shall be supplied to the Project Manager. A minimum of the following information shall be recorded:
 1. Date, time and amount added to the melter. The lot number from each box added shall be also recorded.
 2. Road name, date, time application process starts, amount installed, time application process ends.
 3. Weather conditions.
- c) The CONTRACTOR shall supply the Project Manager with tickets and the corresponding actual lot numbers removed from the boxes, showing the amount of gallons used for each road.

- d) A log of all herbicides, if any, shall be kept and a copy shall be supplied to the Project Manager within one (1) week of spraying. This log shall include the type of material, mixture rate, application rate, location, date, and time of application.

1.4 Materials

- a) **Crack Seal:** Crack sealer product shall be Crafcro PolyFlex Type 3, product # 34521 or equivalent. It shall be an asphalt based product designed to be used to fill cracks and joints in asphalt. It shall have the ability to seal out water.
- b) **Blotting Material:** If required the blotting material shall be an aggregate such as cement dust, Crafcro Detack or equivalent, or other cover aggregate approved by the Project Manager.

1.5 Equipment

- a) **Crack Sealant Application Equipment:** Equipment used to install the sealant into the cracks shall be as specified by the manufacturer and shall have the ability to fill cracks with two wands at the same time and maintain the proper temperature of the sealant throughout the sealing process.
This heating unit shall be a jacketed double boiler melter and shall be equipped with an agitation system. The applicator hose's shall have a recirculation system or be equipped with a temperature controlled heating system. Pouring pots or gravity-fed sealant applicators shall not be used for sealing cracks and joints.
- b) **Compressor:** The compressor shall be 75 C.F.M. capacity, or more, to ensure an adequate supply of air to effectively clean the joints. Any pneumatic tool lubricator must be bypassed and a filter installed on the discharge valve to keep water and oil out of the lines.
- c) **Hot Compressed Air Equipment:** A hot compressed air lance shall be used to clean, dry and pre-heat cracks prior to applying sealant. The air lance shall consist of a compressor propane system providing a high temperature, high velocity blast of air.
- d) **Crack Cleaning Equipment:** Cleaning of excess debris shall be done by means of power sweepers, hand brooms, or air brooms.

1.6 Work Methods

- a) **Weather:** No sealant shall be installed unless the ambient and pavement temperature are 40° and rising. There shall be no fog and no chance of rain. Any cracks that are not sealed the same day they are prepared shall be blown out with compressed air before the sealing operation continues. If rain or fog delays the sealing operation, the cracks shall be allowed to dry and shall have additional cleaning as required to remove any debris that may have been washed into the crack by rain. The cracks shall be completely dry before the seal treatment can resume. The Contractor may use the Hot Compressed Air Lance method of cleaning and drying the cracks with the approval of the Project Manager. Care shall be taken to not overheat the existing asphaltic concrete surface if this method is used.
- b) **Surface Preparation:** Prior to starting any application process the CONTRACTOR shall be responsible for removing any existing dirt and vegetation that is on the asphalt.

- c) **Crack Cleaning:** All cracks and joints shall be cleaned free of all deleterious materials, including any dust, old sealant, incompressible, and organic material. When vegetation exists in the cracks and joints, it shall be removed by either using propane torch or treated with an herbicide that sterilizes the soil. The method of removal is subject to the approval of the Project Manager. If an herbicide is used it shall be applied according to the manufacturer's specifications and shall be applied ahead of the operations so that the weed is totally browned. The applicator of the herbicide shall have the proper State of Florida Pesticide Applicators License. A copy of this license shall be supplied to the Project Manager upon request. A log of all herbicides shall be kept as specified in the section 1.3 Submittals and a copy shall be supplied to the Project Manager. All cracks are to be clean and are sufficiently dry before any crack sealing material is applied. All cracks shall be blown clean by high pressure air. All old material and other debris removed from the cracks shall be removed from the pavement surface immediately. Any cracks that are not sealed the same day they are prepared shall be blown out with compressed air before the sealing operation continues.
- d) **Sealant Heating:** The temperature of the sealant shall be heated and maintained using the manufacturer's recommended procedures. The sealant compound shall be melted slowly with constant agitation until it is in a lump-free, free-flowing state, within the temperature range recommended by the manufacturer for application. Care shall be taken to insure that the sealant is not heated above the manufacturer's recommended maximum temperature or for longer than the recommended application life. The Project Manager shall have the right to reject the product if it is determined that this has occurred.
- e) **Sealant Application:** The sealant shall be applied in the crack or joint reservoir uniformly from the bottom to the top and shall be filled without formation of entrapped air or voids. The sealant shall be installed so that it is recessed approximately one eighth (1/8) inch below the pavement surface to prevent tracking. A squeegee may be used to remove excess sealant from the pavement surface when a crack is overfilled. At no time shall the sealant be in excess of one sixtieth (1/16) inch above the adjacent surface and shall extend no more than one and a half (1.5) inches from the crack edges. Each wand shall have removable heads so that variable width discs from two (2) to four (4) inches may be installed at the Project Managers request.
- f) **Blotting Application:** When traffic requires immediate use of the roadway, a blotting material shall be broadcast or sprayed over the fresh sealant to prevent it from being picked up and tracked. Any excessive or spilled sealer shall be removed by the CONTRACTOR using approved methods .
- During the period of construction and the warranty period the CONTRACTOR shall be responsible for processing any and all claims for property damage and or bodily injury caused by the failure of the Crack Sealing including but not limited to, motor vehicles or pedestrians. The CONTRACTOR shall be responsible for the payment of all property damage and bodily injury claims and agrees to save and hold harmless the COUNTY from all such claims. Claims not handled by the CONTRACTOR or their representative in the proper manner, will be settled by the COUNTY. The COUNTY shall recover all costs from the CONTRACTOR.

The CONTRACTOR shall be responsible for any claims of tracking as part of this specification. If there is a claim the CONTRACTOR shall be responsible for:

- 1) Applying more blotting material as necessary.
- 2) Address the tracked material by either removing or repairing the object that was affected.

1.7 Method of Measurement.

The measurement shall be made in amount of gallons of crack seal applied to the road, and shall be supported by the submittals as outlined in Section 1.3 Submittals, paragraph b. The amount of crack sealer shall be reported and invoiced for each road.

1.8 Basis of Payment.

Crack Sealing shall be based on a price per gallon. The unit price as shown on the Bid Sheet "Sealing" or "Routing and Sealing" shall be all inclusive to include cleaning, sealing, FDOT traffic control, mobilization and any other incidentals required to provide the COUNTY with a final product that will meet the specifications as described in the crack sealing section. All invoices shall contain the purchase order number, invoice date, itemized work detail including the amount of product applied to each road, date of service specific to each location, appropriate retention, person to contact and their phone number for billing questions and location of delivery or service, and confirmation of acceptance of the goods or services by the appropriate COUNTY representative.

1.9 Deficiencies and Repairs

- a) Where the sealant subsides in the crack by more than 1/8 inch below the adjacent pavement surface, except where the pavement will be immediately overlaid, the surface of the sealant shall be cleaned and topped up.
- b) The sealant shall be removed, the routed crack rerouted at the Project Manager's discretion, and resealed if any of the following occur:
 - i) the sealant contains imbedded foreign material other than dusting material;
 - ii) the sealant contains entrapped air bubbles;
 - iii) the sealant has de-bonded or pulled away from the crack; or
 - iv) the sealant has been excessively heated.

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ROAD BUILDING MATERIALS AND SERVICES
ADDENDUM # 2

SECTION I - AGGREGATE		
I.1 CRUSHED STONE #4 (1 1/2") (ADDENDUM # 2)		
LOCATION OF VENDOR'S PLANT:		
DISTANCE OF VENDOR'S PLANT TO MANATEE COUNTY YARD : <u>4680 66th Street West, Bradenton FL 34210</u>		/ MILES
PRICE F.O.B. VENDOR'S PLANT:		/ PER TON
PRICE VENDOR DELIVERED TO MANATEE COUNTY YARD:		
	4680 66th Street West, Bradenton FL 34210	/ PER TON
	5511 39th Street East, Bradenton FL 34203	/ PER TON
	36650 Arcadia Avenue, Myakka FL 34251 (MYAKKA YARD)	/ PER TON
	8500 69th Street East, Palmetto FL 34221 (ERIE ROAD)	/ PER TON
DELIVERY DAYS AFTER RECEIPT OF ORDER:		/ DAYS
I.2 CRUSHED STONE #57 (ADDENDUM # 2)		
LOCATION OF VENDOR'S PLANT:		
DISTANCE OF VENDOR'S PLANT TO MANATEE COUNTY YARD : <u>4680 66th Street West, Bradenton FL 34210</u>		/ MILES
PRICE F.O.B. VENDOR'S PLANT:		/ PER TON
PRICE VENDOR DELIVERED TO MANATEE COUNTY YARD:		
	4680 66th Street West, Bradenton FL 34210	/ PER TON
	5511 39th Street East, Bradenton FL 34203	/ PER TON
	36650 Arcadia Avenue Myakka FL 34251 (MYAKKA YARD)	/ PER TON
	8500 69th Street East, Palmetto FL 34221 (ERIE ROAD)	/ PER TON
	2908 12th Street Court East, Bradenton FL 34208	/ PER TON
DELIVERY DAYS AFTER RECEIPT OF ORDER:		/ DAYS
I.3 COARSE AGGREGATE 3/8" (ADDENDUM # 2)		
LOCATION OF VENDOR'S PLANT:		
DISTANCE OF VENDOR'S PLANT TO MANATEE COUNTY YARD : <u>4680 66th Street West, Bradenton FL 34210</u>		/ MILES
PRICE F.O.B. VENDOR'S PLANT:		/ PER TON

BIDDER: _____

AUTHORIZED BY: _____

BID FORM
IFB #12-1479-DS
ROAD BUILDING MATERIALS AND SERVICES
ADDENDUM # 2

SECTION I - AGGREGATE		
PRICE VENDOR DELIVERED TO MANATEE COUNTY YARD		
	4680 66th Street West, Bradenton FL 34210	/ PER TON
	5511 39th Street East, Bradenton FL 34203	/ PER TON
	36650 Arcadia Avenue Myakka FL 34251 (MYAKKA YARD)	/ PER TON
	8500 69th Street East, Palmetto FL 34221 (ERIE ROAD)	/ PER TON
DELIVERY DAYS AFTER RECEIPT OF ORDER:		/ DAYS
I.4 COARSE MASONRY SAND (ADDENDUM # 2)		
LOCATION OF VENDOR'S PLANT:		
DISTANCE OF VENDOR'S PLANT TO MANATEE COUNTY YARD : <u>4680 66th Street West, Bradenton FL 34210</u>		/ MILES
PRICE F.O.B. VENDOR'S PLANT:		/ PER TON
PRICE VENDOR DELIVERED TO MANATEE COUNTY YARD		
	4680 66th Street West, Bradenton FL 34210	/ PER TON
	5511 39th Street East, Bradenton FL 34203	/ PER TON
	36650 Arcadia Avenue Myakka FL 34251 (MYAKKA YARD)	/ PER TON
	8500 69th Street East, Palmetto FL 34221 (ERIE ROAD)	/ PER TON
DELIVERY DAYS AFTER RECEIPT OF ORDER:		/ DAYS
I.4A TACK SAND FDOT 2010 SEC. 902-2 or 902-6 (ADDENDUM # 2)		
LOCATION OF VENDOR'S PLANT:		
DISTANCE OF VENDOR'S PLANT TO MANATEE COUNTY YARD : <u>4680 66th Street West, Bradenton FL 34210</u>		/ MILES
PRICE F.O.B. VENDOR'S PLANT:		/ PER TON
PRICE VENDOR DELIVERED TO MANATEE COUNTY YARD		
	4680 66th Street West, Bradenton FL 34210	/ PER TON
	5511 39th Street East, Bradenton FL 34203	/ PER TON
	36650 Arcadia Avenue Myakka FL 34251 (MYAKKA YARD)	/ PER TON
	8500 69th Street East, Palmetto FL 34221 (ERIE ROAD)	/ PER TON
DELIVERY DAYS AFTER RECEIPT OF ORDER:		/ DAYS

BIDDER: _____

AUTHORIZED BY: _____

BID FORM
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ROAD BUILDING MATERIALS AND SERVICES
ADDENDUM # 2

SECTION I - AGGREGATE			
I.5 CONCRETE SAND (ADDENDUM # 2)			
LOCATION OF VENDOR'S PLANT:			
DISTANCE OF VENDOR'S PLANT TO MANATEE COUNTY YARD : <u>4680 66th Street West, Bradenton FL 34210</u>		/ MILES	
PRICE F.O.B. VENDOR'S PLANT:		/ PER TON	
PRICE VENDOR DELIVERED TO MANATEE COUNTY YARD:			
	4680 66th Street West, Bradenton FL 34210	/ PER TON	
	5511 39th Street East, Bradenton FL 34203	/ PER TON	
	36650 Arcadia Avenue Myakka FL 34251 (MYAKKA YARD)	/ PER TON	
	8500 69th Street East, Palmetto FL 34221 (ERIE ROAD)	/ PER TON	
	2908 12th Street Court East, Bradenton FL 34208	/ PER TON	
DELIVERY DAYS AFTER RECEIPT OF ORDER:		/ DAYS	
I.6 FILL DIRT (CUBIC YARD) - FDOT 120-2			
PRICE VENDOR DELIVERED TO JOB SITE	ZONE 1	0 - 2,000 CY	/ PER CY
		OVER 2,000 CY	/ PER CY
	ZONE 2	0 - 2,000 CY	/ PER CY
		OVER 2,000 CY	/ PER CY
	ZONE 3	0 - 2,000 CY	/ PER CY
		OVER 2,000 CY	/ PER CY
	ZONE 4A	0 - 2,000 CY	/ PER CY
		OVER 2,000 CY	/ PER CY
	ZONE 4B	0 - 2,000 CY	/ PER CY
		OVER 2,000 CY	/ PER CY
	ZONE 5	0 - 2,000 CY	/ PER CY
		OVER 2,000 CY	/ PER CY
	DELIVERY DAYS AFTER RECEIPT OF ORDER:		/ DAYS

BIDDER: _____

AUTHORIZED BY: _____

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ROAD BUILDING MATERIALS AND SERVICES
ADDENDUM # 2

SECTION I - AGGREGATE			
I.7 FILL DIRT (TON) FDOT 120-2			
LOCATION OF VENDOR'S PLANT:			
PRICE F.O.B. VENDOR'S PLANT:		/ PER TON	
PRICE VENDOR DELIVERED TO JOB SITE	ZONE 1	0 - 500 TONS	/ PER TON
		OVER 500 TONS	/ PER TON
	ZONE 2	0 - 500 TONS	/ PER TON
		OVER 500 TONS	/ PER TON
	ZONE 3	0 - 500 TONS	/ PER TON
		OVER 500 TONS	/ PER TON
	ZONE 4A	0 - 500 TONS	/ PER TON
		OVER 500 TONS	/ PER TON
	ZONE 4B	0 - 500 TONS	/ PER TON
		OVER 500 TONS	/ PER TON
	ZONE 5	0 - 500 TONS	/ PER TON
		OVER 500 TONS	/ PER TON
	DELIVERY DAYS AFTER RECEIPT OF ORDER:		/ DAYS
	I.8 SHELL BASE BANK RUN SHELL FDOT 913 (ADDENDUM # 2)		
LOCATION OF VENDOR'S PLANT:			
DISTANCE OF VENDOR'S PLANT TO MANATEE COUNTY YARD : <u>4680 66th Street West, Bradenton FL 34210</u>		/ MILES	
PRICE F.O.B. VENDOR'S PLANT:		/ PER TON	
PRICE VENDOR DELIVER TO MANATEE COUNTY YARD: <u>4680 66th Street West, Bradenton, FL 34210 (ADDENDUM # 2)</u>		/ PER TON	
PRICE VENDOR DELIVERED TO JOB SITE	ZONE 1	0 - 500 TONS	/ PER TON
		OVER 500 TONS	/ PER TON
	ZONE 2	0 - 500 TONS	/ PER TON
		OVER 500 TONS	/ PER TON
	ZONE 3	0 - 500 TONS	/ PER TON
		OVER 500 TONS	/ PER TON
	ZONE 4A	0 - 500 TONS	/ PER TON
		OVER 500 TONS	/ PER TON
	ZONE 4B	0 - 500 TONS	/ PER TON
		OVER 500 TONS	/ PER TON
	ZONE 5	0 - 500 TONS	/ PER TON
		OVER 500 TONS	/ PER TON
	DELIVERY DAYS AFTER RECEIPT OF ORDER:		/ DAYS

BIDDER: _____

AUTHORIZED BY: _____

BID FORM
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ROAD BUILDING MATERIALS AND SERVICES
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SECTION I - AGGREGATE			
I.9 SHELL BASE BANK RUN SHELL @ <16% MOISTURE CONTENT FDOT 913 (ADDENDUM # 2)			
LOCATION OF VENDOR'S PLANT:			
DISTANCE OF VENDOR'S PLANT TO MANATEE COUNTY YARD : 4680 66th Street West, Bradenton FL 34210 (Addendum # 2)		/ MILES	
PRICE F.O.B. VENDOR'S PLANT:		/ PER TON	
PRICE VENDOR DELIVER TO MANATEE COUNTY YARD		/ PER TON	
	4680 66th Street West, Bradenton FL 34210 (Addendum # 2)	/ PER TON	
	5511 39th Street East, Bradenton FL 34203 (Addendum # 2)	/ PER TON	
	36650 Arcadia Avenue Myakka FL 34251 (MYAKKA YARD) (Addendum # 2)	/ PER TON	
	8500 69th Street East, Palmetto FL 34221 (ERIE ROAD) (Addendum # 2)	/ PER TON	
	2908 12th Street Court East, Bradenton FL 34208 (Addendum # 2)	/ PER TON	
PRICE VENDOR DELIVERED TO JOB SITE	ZONE 1	0 - 500 TONS	/ PER TON
		OVER 500 TONS	/ PER TON
	ZONE 2	0 - 500 TONS	/ PER TON
		OVER 500 TONS	/ PER TON
	ZONE 3	0 - 500 TONS	/ PER TON
		OVER 500 TONS	/ PER TON
	ZONE 4A	0 - 500 TONS	/ PER TON
		OVER 500 TONS	/ PER TON
	ZONE 4B	0 - 500 TONS	/ PER TON
		OVER 500 TONS	/ PER TON
	ZONE 5	0 - 500 TONS	/ PER TON
		OVER 500 TONS	/ PER TON
	DELIVERY DAYS AFTER RECEIPT OF ORDER:		/ DAYS

BIDDER: _____

AUTHORIZED BY: _____

BID FORM
IFB #12-1479-DS
ROAD BUILDING MATERIALS AND SERVICES
ADDENDUM # 2

SECTION I - AGGREGATE			
I.10 SUBBASE STABILIZATION MATERIALS FDOT 914 (Addendum # 2)			
LOCATION OF VENDOR'S PLANT:			
PRICE VENDOR DELIVER TO MANATEE COUNTY YARD: 4680 66th Street West, Bradenton, FL 34210 (ADDENDUM # 2)		/ MILES	
PRICE F.O.B. VENDOR'S PLANT:		/ PER TON	
PRICE VENDOR DELIVERED TO JOB SITE	ZONE 1	0 - 500 TONS	/ PER TON
		OVER 500 TONS	/ PER TON
	ZONE 2	0 - 500 TONS	/ PER TON
		OVER 500 TONS	/ PER TON
	ZONE 3	0 - 500 TONS	/ PER TON
		OVER 500 TONS	/ PER TON
	ZONE 4A	0 - 500 TONS	/ PER TON
		OVER 500 TONS	/ PER TON
	ZONE 4B	0 - 500 TONS	/ PER TON
		OVER 500 TONS	/ PER TON
ZONE 5	0 - 500 TONS	/ PER TON	
	OVER 500 TONS	/ PER TON	
DELIVERY DAYS AFTER RECEIPT OF ORDER:		/ DAYS	
I.11 WASHED SHELL 1/2" (Addendum # 2)			
LOCATION OF VENDOR'S PLANT:			
DISTANCE OF VENDOR'S PLANT TO MANATEE COUNTY YARD : 4680 66th Street West, Bradenton FL 34210 (Addendum # 2)		/ MILES	
DISTANCE OF VENDOR'S PLANT TO MANATEE COUNTY YARD:		/ MILES	
PRICE F.O.B. VENDOR'S PLANT:		/ PER TON	
PRICE VENDOR DELIVER TO MANATEE COUNTY YARD		/ PER TON	
	4680 66th Street West, Bradenton FL 34210 (Addendum # 2)	/ PER TON	
	5511 39th Street East, Bradenton FL 34203 (Addendum # 2)	/ PER TON	
	36650 Arcadia Avenue Myakka FL 34251 (MYAKKA YARD) (Addendum # 2)	/ PER TON	
	8500 69th Street East, Palmetto FL 34221 (ERIE ROAD) (Addendum # 2)	/ PER TON	
	2908 12th Street Court East, Bradenton FL 34208 (Addendum # 2)	/ PER TON	

BIDDER: _____

AUTHORIZED BY: _____

BID FORM
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ROAD BUILDING MATERIALS AND SERVICES
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SECTION I - AGGREGATE			
PRICE VENDOR DELIVERED TO JOB SITE	ZONE 1	0 - 500 TONS	/ PER TON
		OVER 500 TONS	/ PER TON
	ZONE 2	0 - 500 TONS	/ PER TON
		OVER 500 TONS	/ PER TON
	ZONE 3	0 - 500 TONS	/ PER TON
		OVER 500 TONS	/ PER TON
	ZONE 4A	0 - 500 TONS	/ PER TON
		OVER 500 TONS	/ PER TON
	ZONE 4B	0 - 500 TONS	/ PER TON
		OVER 500 TONS	/ PER TON
	ZONE 5	0 - 500 TONS	/ PER TON
		OVER 500 TONS	/ PER TON
	DELIVERY DAYS AFTER RECEIPT OF ORDER:		/ DAYS
	I.12 WASHED SHELL 1" (Addendum # 2)		
LOCATION OF VENDOR'S PLANT:			
DISTANCE OF VENDOR'S PLANT TO MANATEE COUNTY YARD : 4680 66th Street West, Bradenton FL 34210 (Addendum # 2)		/ MILES	
PRICE F.O.B. VENDOR'S PLANT:		/ PER TON	
PRICE VENDOR DELIVER TO MANATEE COUNTY YARD		/ PER TON	
	4680 66th Street West, Bradenton FL 34210 (Addendum # 2)	/ PER TON	
	5511 39th Street East, Bradenton FL 34203 (Addendum # 2)	/ PER TON	
	36650 Arcadia Avenue Myakka FL 34251 (MYAKKA YARD) (Addendum # 2)	/ PER TON	
	8500 69th Street East, Palmetto FL 34221 (ERIE ROAD) (Addendum # 2)	/ PER TON	
	2908 12th Street Court East, Bradenton FL 34208 (Addendum # 2)	/ PER TON	

BIDDER: _____

AUTHORIZED BY: _____

BID FORM
IFB #12-1479-DS
ROAD BUILDING MATERIALS AND SERVICES
ADDENDUM # 2

SECTION I - AGGREGATE			
PRICE VENDOR DELIVERED TO JOB SITE	ZONE 1	0 - 500 TONS	/ PER TON
		OVER 500 TONS	/ PER TON
	ZONE 2	0 - 500 TONS	/ PER TON
		OVER 500 TONS	/ PER TON
	ZONE 3	0 - 500 TONS	/ PER TON
		OVER 500 TONS	/ PER TON
	ZONE 4A	0 - 500 TONS	/ PER TON
		OVER 500 TONS	/ PER TON
	ZONE 4B	0 - 500 TONS	/ PER TON
		OVER 500 TONS	/ PER TON
	ZONE 5	0 - 500 TONS	/ PER TON
		OVER 500 TONS	/ PER TON
	DELIVERY DAYS AFTER RECEIPT OF ORDER:		/ DAYS
	I.13 WASHED SHELL 3"	(Addendum # 2)	
LOCATION OF VENDOR'S PLANT:			
DISTANCE OF VENDOR'S PLANT TO MANATEE COUNTY YARD : 4680 66th Street West, Bradenton FL 34210 (Addendum # 2)		/ MILES	
PRICE F.O.B. VENDOR'S PLANT:		/ PER TON	
PRICE VENDOR DELIVER TO MANATEE COUNTY YARD		/ PER TON	
	4680 66th Street West, Bradenton FL 34210 (Addendum # 2)	/ PER TON	
	5511 39th Street East, Bradenton FL 34203 (Addendum # 2)	/ PER TON	
	36650 Arcadia Avenue Myakka FL 34251 (MYAKKA YARD) (Addendum # 2)	/ PER TON	
	8500 69th Street East, Palmetto FL 34221 (ERIE ROAD) (Addendum # 2)	/ PER TON	
	2908 12th Street Court East, Bradenton FL 34208 (Addendum # 2)	/ PER TON	

BIDDER: _____

AUTHORIZED BY: _____

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SECTION I - AGGREGATE			
PRICE VENDOR DELIVERED TO JOB SITE	ZONE 1	0 - 500 TONS	/ PER TON
		OVER 500 TONS	/ PER TON
	ZONE 2	0 - 500 TONS	/ PER TON
		OVER 500 TONS	/ PER TON
	ZONE 3	0 - 500 TONS	/ PER TON
		OVER 500 TONS	/ PER TON
	ZONE 4A	0 - 500 TONS	/ PER TON
		OVER 500 TONS	/ PER TON
	ZONE 4B	0 - 500 TONS	/ PER TON
		OVER 500 TONS	/ PER TON
	ZONE 5	0 - 500 TONS	/ PER TON
		OVER 500 TONS	/ PER TON
	DELIVERY DAYS AFTER RECEIPT OF ORDER:		/ DAYS
	I.14 SHELL SCREENINGS TDS 1/2" (Addendum # 2)		
LOCATION OF VENDOR'S PLANT:			
DISTANCE OF VENDOR'S PLANT TO MANATEE COUNTY YARD : 4680 66th Street West, Bradenton FL 34210 (Addendum # 2)		/ MILES	
PRICE F.O.B. VENDOR'S PLANT:		/ PER TON	
PRICE VENDOR DELIVER TO MANATEE COUNTY YARD		/ PER TON	
	4680 66th Street West, Bradenton FL 34210 (Addendum # 2)	/ PER TON	
	5511 39th Street East, Bradenton FL 34203 (Addendum # 2)	/ PER TON	
	36650 Arcadia Avenue Myakka FL 34251 (MYAKKA YARD) (Addendum # 2)	/ PER TON	
	8500 69th Street East, Palmetto FL 34221 (ERIE ROAD) (Addendum # 2)	/ PER TON	
	2908 12th Street Court East, Bradenton FL 34208 (Addendum # 2)	/ PER TON	

BIDDER: _____

AUTHORIZED BY: _____

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ROAD BUILDING MATERIALS AND SERVICES
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SECTION I - AGGREGATE				
PRICE VENDOR DELIVERED TO JOB SITE	ZONE 1	0 - 500 TONS	/ PER TON	
		OVER 500 TONS	/ PER TON	
	ZONE 2	0 - 500 TONS	/ PER TON	
		OVER 500 TONS	/ PER TON	
	ZONE 3	0 - 500 TONS	/ PER TON	
		OVER 500 TONS	/ PER TON	
	ZONE 4A	0 - 500 TONS	/ PER TON	
		OVER 500 TONS	/ PER TON	
	ZONE 4B	0 - 500 TONS	/ PER TON	
		OVER 500 TONS	/ PER TON	
	ZONE 5	0 - 500 TONS	/ PER TON	
		OVER 500 TONS	/ PER TON	
	DELIVERY DAYS AFTER RECEIPT OF ORDER:			/ DAYS
	I.15	LIMEROCK BASE MATERIAL FDOT SPEC 2010 SECTION 911 (Addendum #2)		
LOCATION OF VENDOR'S PLANT:				
DISTANCE OF VENDOR'S PLANT TO MANATEE COUNTY YARD: 4680 66th Street West, Bradenton , FL 34210 (addendum #2)			/ MILES	
PRICE F.O.B. VENDOR'S PLANT:			/ PER TON	
	<u>4680 66th Street West, Bradenton FL 34210 (Addendum # 2)</u>		/ PER TON	

BIDDER: _____

AUTHORIZED BY: _____

BID FORM
IFB #12-1479-DS
ROAD BUILDING MATERIALS AND SERVICES
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SECTION I - AGGREGATE				
PRICE VENDOR DELIVERED TO JOB SITE	ZONE 1	0 - 500 TONS	/ PER TON	
		OVER 500 TONS	/ PER TON	
	ZONE 2	0 - 500 TONS	/ PER TON	
		OVER 500 TONS	/ PER TON	
	ZONE 3	0 - 500 TONS	/ PER TON	
		OVER 500 TONS	/ PER TON	
	ZONE 4A	0 - 500 TONS	/ PER TON	
		OVER 500 TONS	/ PER TON	
	ZONE 4B	0 - 500 TONS	/ PER TON	
		OVER 500 TONS	/ PER TON	
	ZONE 5	0 - 500 TONS	/ PER TON	
		OVER 500 TONS	/ PER TON	
	DELIVERY DAYS AFTER RECEIPT OF ORDER:			/ DAYS
	I.16 CRUSHED CONCRETE AGGREGATE BASE MATERIALS (Addendum # 2)			
LOCATION OF VENDOR'S PLANT:				
DISTANCE OF VENDOR'S PLANT TO MANATEE COUNTY YARD : 4680 66th Street West, Bradenton FL 34210 (Addendum # 2)			/ MILES	
DISTANCE OF VENDOR'S PLANT TO MANATEE COUNTY YARD			/MILES	
PRICE F.O.B. VENDOR'S PLANT:			/ PER TON	
PRICE VENDOR DELIVER TO MANATEE COUNTY YARD 4680 66th Street West, Bradenton, FL 34210 (Addendum # 2)			/ PER TON	
PRICE VENDOR DELIVERED TO JOB SITE	ZONE 1	0 - 500 TONS	/ PER TON	
		OVER 500 TONS	/ PER TON	
	ZONE 2	0 - 500 TONS	/ PER TON	
		OVER 500 TONS	/ PER TON	
	ZONE 3	0 - 500 TONS	/ PER TON	
		OVER 500 TONS	/ PER TON	
	ZONE 4A	0 - 500 TONS	/ PER TON	
		OVER 500 TONS	/ PER TON	
	ZONE 4B	0 - 500 TONS	/ PER TON	
		OVER 500 TONS	/ PER TON	
	ZONE 5	0 - 500 TONS	/ PER TON	
		OVER 500 TONS	/ PER TON	
	DELIVERY DAYS AFTER RECEIPT OF ORDER:			/ DAYS

BIDDER: _____

AUTHORIZED BY: _____

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ADDENDUM # 2

SECTION I - AGGREGATE			
I.17 GRADED AGGREGATE BASE FDOT 204 (Addendum #2)			
LOCATION OF VENDOR'S PLANT:			
DISTANCE OF VENDOR'S PLANT TO MANATEE COUNTY YARD: 4680 66th Street West, Bradenton, FL 34210 (Addendum # 2)		/ MILES	
PRICE F.O.B. VENDOR'S PLANT:		/ PER TON	
4680 66th Street West, Bradenton FL 34210 (Addendum # 2)		/ PER TON	
PRICE VENDOR DELIVERED TO JOB SITE	ZONE 1	0 - 500 TONS	/ PER TON
		OVER 500 TONS	/ PER TON
	ZONE 2	0 - 500 TONS	/ PER TON
		OVER 500 TONS	/ PER TON
	ZONE 3	0 - 500 TONS	/ PER TON
		OVER 500 TONS	/ PER TON
	ZONE 4A	0 - 500 TONS	/ PER TON
		OVER 500 TONS	/ PER TON
	ZONE 4B	0 - 500 TONS	/ PER TON
		OVER 500 TONS	/ PER TON
ZONE 5	0 - 500 TONS	/ PER TON	
	OVER 500 TONS	/ PER TON	
DELIVERY DAYS AFTER RECEIPT OF ORDER:		/ DAYS	
I.18 #7 COARSE AGGREGATE 1/2" (Addendum # 2)			
LOCATION OF VENDOR'S PLANT:			
DISTANCE OF VENDOR'S PLANT TO MANATEE COUNTY YARD : <u>4680 66th Street West, Bradenton FL 34210</u>		/ MILES	
PRICE F.O.B. VENDOR'S PLANT:		/ PER TON	
PRICE VENDOR DELIVERED TO MANATEE COUNTY YARD:			
4680 66th Street West, Bradenton FL 34210		/ PER TON	
5511 39th Street East, Bradenton FL 34203		/ PER TON	
36650 Arcadia Avenue Myakka FL 34251 (MYAKKA YARD)		/ PER TON	
8500 69th Street East, Palmetto FL 34221 (ERIE ROAD)		/ PER TON	
DELIVERY DAYS AFTER RECEIPT OF ORDER:		/ DAYS	

BIDDER: _____

AUTHORIZED BY: _____

BID FORM
IFB #12-1479-DS
ROAD BUILDING MATERIALS AND SERVICES
ADDENDUM # 2

SECTION IV - BASE AND SURFACE CONSTRUCTION/MATERIAL		
IV.1 SAND ASPHALT HOT MIX - 800# STABILITY - FDOT 2000 ATTACHED		
LOCATION OF VENDOR'S PLANT:		
PRICE F.O.B. VENDOR'S PLANT:		/ PER TON
PRICE VENDOR DELIVER TO JOB SITE:		
ZONE 1	0 - 500 TONS	/ PER TON
	OVER 500 TONS	/ PER TON
ZONE 2	0 - 500 TONS	/ PER TON
	OVER 500 TONS	/ PER TON
ZONE 3	0 - 500 TONS	/ PER TON
	OVER 500 TONS	/ PER TON
ZONE 4A	0 - 500 TONS	/ PER TON
	OVER 500 TONS	/ PER TON
ZONE 4B	0 - 500 TONS	/ PER TON
	OVER 500 TONS	/ PER TON
ZONE 5	0 - 500 TONS	/ PER TON
	OVER 500 TONS	/ PER TON
DELIVERY DAYS AFTER RECEIPT OF ORDER:		/ DAYS
IV.2 SAND ASPHALT HOT MIX - 1200# STABILITY - FDOT 2000 ATTACHED		
LOCATION OF VENDOR'S PLANT:		
PRICE F.O.B. VENDOR'S PLANT:		/ PER TON
PRICE VENDOR DELIVER TO JOB SITE:		
ZONE 1	0 - 500 TONS	/ PER TON
	OVER 500 TONS	/ PER TON
ZONE 2	0 - 500 TONS	/ PER TON
	OVER 500 TONS	/ PER TON
ZONE 3	0 - 500 TONS	/ PER TON
	OVER 500 TONS	/ PER TON
ZONE 4A	0 - 500 TONS	/ PER TON
	OVER 500 TONS	/ PER TON
ZONE 4B	0 - 500 TONS	/ PER TON
	OVER 500 TONS	/ PER TON
ZONE 5	0 - 500 TONS	/ PER TON
	OVER 500 TONS	/ PER TON
DELIVERY DAYS AFTER RECEIPT OF ORDER:		/ DAYS

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ROAD BUILDING MATERIALS AND SERVICES
ADDENDUM # 2

SECTION IV - BASE AND SURFACE CONSTRUCTION/MATERIAL		
IV.3 ASPHALTIC BASE COURSE TYPE III - FDOT 2000 ATTACHED		
LOCATION OF VENDOR'S PLANT:		
PRICE F.O.B. VENDOR'S PLANT:		/ PER TON
PRICE VENDOR DELIVER TO JOB SITE:		
ZONE 1	0 - 500 TONS	/ PER TON
	OVER 500 TONS	/ PER TON
ZONE 2	0 - 500 TONS	/ PER TON
	OVER 500 TONS	/ PER TON
ZONE 3	0 - 500 TONS	/ PER TON
	OVER 500 TONS	/ PER TON
ZONE 4A	0 - 500 TONS	/ PER TON
	OVER 500 TONS	/ PER TON
ZONE 4B	0 - 500 TONS	/ PER TON
	OVER 500 TONS	/ PER TON
ZONE 5	0 - 500 TONS	/ PER TON
	OVER 500 TONS	/ PER TON
DELIVERY DAYS AFTER RECEIPT OF ORDER:		/ DAYS
IV.4 FRICTION COURSE TYPE FC-2 - FC 12.5 FDOT 2010 (ADDENDUM # 2)		
LOCATION OF VENDOR'S PLANT:		
PRICE F.O.B. VENDOR'S PLANT:		/ PER TON
PRICE VENDOR DELIVER TO JOB SITE:		
ZONE 1	0 - 500 TONS	/ PER TON
	OVER 500 TONS	/ PER TON
ZONE 2	0 - 500 TONS	/ PER TON
	OVER 500 TONS	/ PER TON
ZONE 3	0 - 500 TONS	/ PER TON
	OVER 500 TONS	/ PER TON
ZONE 4A	0 - 500 TONS	/ PER TON
	OVER 500 TONS	/ PER TON
ZONE 4B	0 - 500 TONS	/ PER TON
	OVER 500 TONS	/ PER TON
ZONE 5	0 - 500 TONS	/ PER TON
	OVER 500 TONS	/ PER TON
DELIVERY DAYS AFTER RECEIPT OF ORDER:		/ DAYS

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ROAD BUILDING MATERIALS AND SERVICES
ADDENDUM # 2

SECTION IV - BASE AND SURFACE CONSTRUCTION/MATERIAL		
IV.5 FRICTION COURSE TYPE - FC 9.5 FDOT 2010 (ADDENDUM # 2)		
LOCATION OF VENDOR'S PLANT:		
PRICE F.O.B. VENDOR'S PLANT:		/ PER TON
PRICE VENDOR DELIVER TO JOB SITE:		
ZONE 1	0 - 500 TONS	/ PER TON
	OVER 500 TONS	/ PER TON
ZONE 2	0 - 500 TONS	/ PER TON
	OVER 500 TONS	/ PER TON
ZONE 3	0 - 500 TONS	/ PER TON
	OVER 500 TONS	/ PER TON
ZONE 4A	0 - 500 TONS	/ PER TON
	OVER 500 TONS	/ PER TON
ZONE 4B	0 - 500 TONS	/ PER TON
	OVER 500 TONS	/ PER TON
ZONE 5	0 - 500 TONS	/ PER TON
	OVER 500 TONS	/ PER TON
DELIVERY DAYS AFTER RECEIPT OF ORDER:		/ DAYS
IV.6 FRICTION COURSE TYPE FC-5 - FC 5 FDOT 2010		
LOCATION OF VENDOR'S PLANT:		
PRICE F.O.B. VENDOR'S PLANT:		/ PER TON
PRICE VENDOR DELIVER TO JOB SITE:		
ZONE 1	0 - 500 TONS	/ PER TON
	OVER 500 TONS	/ PER TON
ZONE 2	0 - 500 TONS	/ PER TON
	OVER 500 TONS	/ PER TON
ZONE 3	0 - 500 TONS	/ PER TON
	OVER 500 TONS	/ PER TON
ZONE 4A	0 - 500 TONS	/ PER TON
	OVER 500 TONS	/ PER TON
ZONE 4B	0 - 500 TONS	/ PER TON
	OVER 500 TONS	/ PER TON
ZONE 5	0 - 500 TONS	/ PER TON
	OVER 500 TONS	/ PER TON
DELIVERY DAYS AFTER RECEIPT OF ORDER:		/ DAYS

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ROAD BUILDING MATERIALS AND SERVICES
ADDENDUM # 2

SECTION IV - BASE AND SURFACE CONSTRUCTION/MATERIAL		
IV.7 EAM COLD MIX		
LOCATION OF VENDOR'S PLANT:		
PRICE F.O.B. VENDOR'S PLANT:		/ PER TON
DELIVERY DAYS AFTER RECEIPT OF ORDER:		/ DAYS
IV.8 ASPHALTIC CONCRETE TYPE S-1 - ATTACHED		
LOCATION OF VENDOR'S PLANT:		
PRICE F.O.B. VENDOR'S PLANT:		/ PER TON
PRICE VENDOR DELIVER TO JOB SITE:		
ZONE 1	0 - 500 TONS	/ PER TON
	OVER 500 TONS	/ PER TON
ZONE 2	0 - 500 TONS	/ PER TON
	OVER 500 TONS	/ PER TON
ZONE 3	0 - 500 TONS	/ PER TON
	OVER 500 TONS	/ PER TON
ZONE 4A	0 - 500 TONS	/ PER TON
	OVER 500 TONS	/ PER TON
ZONE 4B	0 - 500 TONS	/ PER TON
	OVER 500 TONS	/ PER TON
ZONE 5	0 - 500 TONS	/ PER TON
	OVER 500 TONS	/ PER TON
DELIVERY DAYS AFTER RECEIPT OF ORDER:		/ DAYS
IV.9 ASPHALTIC CONCRETE TYPE S-111 - ATTACHED		
LOCATION OF VENDOR'S PLANT:		
PRICE F.O.B. VENDOR'S PLANT:		/ PER TON
PRICE VENDOR DELIVER TO JOB SITE:		
ZONE 1	0 - 500 TONS	/ PER TON
	OVER 500 TONS	/ PER TON
ZONE 2	0 - 500 TONS	/ PER TON
	OVER 500 TONS	/ PER TON
ZONE 3	0 - 500 TONS	/ PER TON
	OVER 500 TONS	/ PER TON
ZONE 4A	0 - 500 TONS	/ PER TON
	OVER 500 TONS	/ PER TON
ZONE 4B	0 - 500 TONS	/ PER TON
	OVER 500 TONS	/ PER TON
ZONE 5	0 - 500 TONS	/ PER TON
	OVER 500 TONS	/ PER TON
DELIVERY DAYS AFTER RECEIPT OF ORDER:		/ DAYS

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ROAD BUILDING MATERIALS AND SERVICES
ADDENDUM # 2

SECTION IV - BASE AND SURFACE CONSTRUCTION/MATERIAL		
IV.10 ASPHALTIC CONCRETE TYPE II - ATTACHED		
LOCATION OF VENDOR'S PLANT:		
PRICE F.O.B. VENDOR'S PLANT:		/ PER TON
PRICE VENDOR DELIVER TO JOB SITE:		
ZONE 1	0 - 500 TONS	/ PER TON
	OVER 500 TONS	/ PER TON
ZONE 2	0 - 500 TONS	/ PER TON
	OVER 500 TONS	/ PER TON
ZONE 3	0 - 500 TONS	/ PER TON
	OVER 500 TONS	/ PER TON
ZONE 4A	0 - 500 TONS	/ PER TON
	OVER 500 TONS	/ PER TON
ZONE 4B	0 - 500 TONS	/ PER TON
	OVER 500 TONS	/ PER TON
ZONE 5	0 - 500 TONS	/ PER TON
	OVER 500 TONS	/ PER TON
DELIVERY DAYS AFTER RECEIPT OF ORDER:		/ DAYS
IV.11 ASPHALTIC CONCRETE, TYPE III - ATTACHED		
LOCATION OF VENDOR'S PLANT:		
PRICE F.O.B. VENDOR'S PLANT:		/ PER TON
PRICE VENDOR DELIVER TO JOB SITE:		
ZONE 1	0 - 500 TONS	/ PER TON
	OVER 500 TONS	/ PER TON
ZONE 2	0 - 500 TONS	/ PER TON
	OVER 500 TONS	/ PER TON
ZONE 3	0 - 500 TONS	/ PER TON
	OVER 500 TONS	/ PER TON
ZONE 4A	0 - 500 TONS	/ PER TON
	OVER 500 TONS	/ PER TON
ZONE 4B	0 - 500 TONS	/ PER TON
	OVER 500 TONS	/ PER TON
ZONE 5	0 - 500 TONS	/ PER TON
	OVER 500 TONS	/ PER TON
DELIVERY DAYS AFTER RECEIPT OF ORDER:		/ DAYS

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ROAD BUILDING MATERIALS AND SERVICES
ADDENDUM # 2

SECTION IV - BASE AND SURFACE CONSTRUCTION/MATERIAL		
IV.12 ASPHALT RUBBER MEMBRANE INTERLAYER (ARMI) - FDOT 2010 341		
LOCATION OF VENDOR'S PLANT:		
PRICE F.O.B. VENDOR'S PLANT:		/ PER TON
PRICE VENDOR DELIVER TO JOB SITE:		
ZONE 1	6000 SY - 10,000 SY	/ PER SY
	10,000 - 15,000 SY	/ PER SY
	15,000 + SY	/ PER SY
ZONE 2	6000 SY - 10,000 SY	/ PER SY
	10,000 - 15,000 SY	/ PER SY
	15,000 + SY	/ PER SY
ZONE 3	6000 SY - 10,000 SY	/ PER SY
	10,000 - 15,000 SY	/ PER SY
	15,000 + SY	/ PER SY
ZONE 4A	6000 SY - 10,000 SY	/ PER SY
	10,000 - 15,000 SY	/ PER SY
	15,000 + SY	/ PER SY
ZONE 4B	6000 SY - 10,000 SY	/ PER SY
	10,000 - 15,000 SY	/ PER SY
	15,000 + SY	/ PER SY
ZONE 5	6000 SY - 10,000 SY	/ PER SY
	10,000 - 15,000 SY	/ PER SY
	15,000 + SY	/ PER SY
DELIVERY DAYS AFTER RECEIPT OF ORDER:		/ DAYS
IV.13 SWEEP, TACK, SPREAD AND COMPACT 100# / SY OR MORE		
20 - 60 TONS		/ PER TON
61 - 100 TONS		/ PER TON
101 - 500 TONS		/ PER TON
OVER 500 TONS		/ PER TON
DELIVERY DAYS AFTER RECEIPT OF ORDER:		/ DAYS
IV.14 SWEEP, TACK, SPREAD AND COMPACT 50#/SY TO 99#/SY		
0 - 50 TONS		/ PER TON
50 - 200 TONS		/ PER TON
201 - 500 TONS		/ PER TON
OVER 500 TONS		/ PER TON
DELIVERY DAYS AFTER RECEIPT OF ORDER:		/ DAYS

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ROAD BUILDING MATERIALS AND SERVICES
ADDENDUM # 2

SECTION IV - BASE AND SURFACE CONSTRUCTION/MATERIAL	
IV.15 SWEEP, TACK, SPREAD AND COMPACT ROAD WIDENING	
0 - 50 TONS	/ PER TON
50 - 200 TONS	/ PER TON
201 - 500 TONS	/ PER TON
OVER 500 TONS	/ PER TON
DELIVERY DAYS AFTER RECEIPT OF ORDER:	/ DAYS
IV.16 SWEEP, TACK, SPREAD AND COMPACT PARKING LOTS	
0 - 50 TONS	/ PER TON
50 - 200 TONS	/ PER TON
201 - 500 TONS	/ PER TON
OVER 500 TONS	/ PER TON
DELIVERY DAYS AFTER RECEIPT OF ORDER:	/ DAYS
IV.17 CUT, SQUARE, SWEEP, TACK, SPREAD AND COMPACT PATCHING	
1 - 5 TONS	/ PER TON
6 - 10 TONS	/ PER TON
11 - 15 TONS	/ PER TON
16 - 20 TONS	/ PER TON
21 - 25 TONS	/ PER TON
26 - 30 TONS	/ PER TON
OVER 30 TONS	/ PER TON
DELIVERY DAYS AFTER RECEIPT OF ORDER:	/ DAYS
IV.18 SLURRY SEAL (with CSS-1H Grade) TYPE I - Price to include mobilization - ATTACHED	
LOCATION OF VENDOR'S PLANT:	
PRICE VENDOR DELIVER TO JOB SITE:	
0 - 40,000 SY	/ PER SY
40,001 - 100,000 SY	/ PER SY
OVER 100,000 SY	/ PER SY
DELIVERY DAYS AFTER RECEIPT OF ORDER:	/ DAYS
IV.19 SLURRY SEAL (with CSS-1H Grade) TYPE II - Price to include mobilization - ATTACHED	
LOCATION OF VENDOR'S PLANT:	
PRICE VENDOR DELIVER TO JOB SITE:	
0 - 40,000 SY	/ PER SY
40,001 - 100,000 SY	/ PER SY
OVER 100,000 SY	/ PER SY
DELIVERY DAYS AFTER RECEIPT OF ORDER:	/ DAYS

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ROAD BUILDING MATERIALS AND SERVICES
ADDENDUM # 2

SECTION IV - BASE AND SURFACE CONSTRUCTION/MATERIAL	
IV.20 SLURRY SEAL (with Quick Set Grade) TYPE I - Price to include mobilization - ATTACHED	
LOCATION OF VENDOR'S PLANT:	
PRICE VENDOR DELIVER TO JOB SITE:	
0 - 40,000 SY	/ PER SY
40,001 - 100,000 SY	/ PER SY
OVER 100,000 SY	/ PER SY
DELIVERY DAYS AFTER RECEIPT OF ORDER:	/ DAYS
IV.21 SLURRY SEAL (with Quick Set) TYPE II - Price to include mobilization - ATTACHED	
LOCATION OF VENDOR'S PLANT:	
PRICE VENDOR DELIVER TO JOB SITE:	
0 - 40,000 SY	/ PER SY
40,001 - 100,000 SY	/ PER SY
OVER 100,000 SY	/ PER SY
DELIVERY DAYS AFTER RECEIPT OF ORDER:	/ DAYS
IV.22 ASPHALT RESURFACING TREATMENT (Fibermat) - All prices to include Materials, Labor, Equipment, Traffic Control and Mobilization - ATTACHED	
LOCATION OF VENDOR'S PLANT:	
PRICE VENDOR DELIVER TO JOB SITE:	
0 - 40,000 SY	/ PER SY
40,001 - 100,000 SY	/ PER SY
OVER 100,000 SY	/ PER SY
DELIVERY DAYS AFTER RECEIPT OF ORDER:	/ DAYS

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ROAD BUILDING MATERIALS AND SERVICES
ADDENDUM # 2

SECTION IV - BASE AND SURFACE CONSTRUCTION/MATERIAL		
IV.23 BITUMINOUS DOUBLE SURFACE TREATMENT Specification: FDOT Sections 310, 901 & 916 - ATTACHED		
LOCATION OF VENDOR'S PLANT:		
PRICE VENDOR DELIVER TO JOB SITE:		
ZONE 1	0 - 7,000 SY	/ PER SY
	7,001 - 21,000 SY	/ PER SY
	21,001 - 42,000 SY	/ PER SY
	OVER 42,000 SY	/ PER SY
ZONE 2	0 - 7,000 SY	/ PER SY
	7,001 - 21,000 SY	/ PER SY
	21,001 - 42,000 SY	/ PER SY
	OVER 42,000 SY	/ PER SY
ZONE 3	0 - 7,000 SY	/ PER SY
	7,001 - 21,000 SY	/ PER SY
	21,001 - 42,000 SY	/ PER SY
	OVER 42,000 SY	/ PER SY
ZONE 4A	0 - 7,000 SY	/ PER SY
	7,001 - 21,000 SY	/ PER SY
	21,001 - 42,000 SY	/ PER SY
	OVER 42,000 SY	/ PER SY
ZONE 4B	0 - 7,000 SY	/ PER SY
	7,001 - 21,000 SY	/ PER SY
	21,001 - 42,000 SY	/ PER SY
	OVER 42,000 SY	/ PER SY
ZONE 5	0 - 7,000 SY	/ PER SY
	7,001 - 21,000 SY	/ PER SY
	21,001 - 42,000 SY	/ PER SY
	OVER 42,000 SY	/ PER SY
DELIVERY DAYS AFTER RECEIPT OF ORDER:		/ DAYS

Order: _____

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ROAD BUILDING MATERIALS AND SERVICES
ADDENDUM # 2

SECTION IV - BASE AND SURFACE CONSTRUCTION/MATERIAL		
IV.24	MICRO-SURFACING - Application for Surfacing only (Type A). All prices to include Materials, Labor, Equipment, Traffic Control and Mobilization - ATTACHED	
	LOCATION OF VENDOR'S PLANT:	
	PRICE VENDOR DELIVER TO JOB SITE:	
	0 - 40,000 SY	/ PER SY
	40,001 - 100,000 SY	/ PER SY
	OVER 100,000 SY	/ PER SY
	DELIVERY DAYS AFTER RECEIPT OF ORDER:	/ DAYS
	DELIVERY DAYS AFTER RECEIPT OF ORDER:	/ DAYS
IV.24a	MICRO-SURFACING - Application for Surfacing only (Type A). (No Crack Filling) All prices to include Materials, Labor, Equipment, Traffic Control and Mobilization - ATTACHED (ADDENDUM # 2)	
	LOCATION OF VENDOR'S PLANT:	
	PRICE VENDOR DELIVER TO JOB SITE:	
	0 - 40,000 SY	/ PER SY
	40,001 - 100,000 SY	/ PER SY
	OVER 100,000 SY	/ PER SY
	DELIVERY DAYS AFTER RECEIPT OF ORDER:	/ DAYS
	DELIVERY DAYS AFTER RECEIPT OF ORDER:	/ DAYS
IV.25	MICRO-SURFACING - Application for Leveling and Surfacing (See Specs). All prices to include Materials, Labor, Equipment, Traffic Control and Mobilization - ATTACHED	
	LOCATION OF VENDOR'S PLANT:	
	PRICE VENDOR DELIVER TO JOB SITE:	
	0 - 40,000 SY	
	40,001 - 100,000 SY	/ PER SY
	OVER 100,000 SY	/ PER SY
	DELIVERY DAYS AFTER RECEIPT OF ORDER:	/ DAYS
IV.25a	MICRO-SURFACING - Application for Leveling and Surfacing (See Specs). (No Crack Filling) All prices to include Materials, Labor, Equipment, Traffic Control and Mobilization - ATTACHED (ADDENDUM # 2)	

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ROAD BUILDING MATERIALS AND SERVICES
ADDENDUM # 2

SECTION IV - BASE AND SURFACE CONSTRUCTION/MATERIAL	
LOCATION OF VENDOR'S PLANT:	
PRICE VENDOR DELIVER TO JOB SITE:	
0 - 40,000 SY	
40,001 - 100,000 SY	/ PER SY
OVER 100,000 SY	/ PER SY
DELIVERY DAYS AFTER RECEIPT OF ORDER:	/ DAYS
IV.26 CONSTRUCTION SEALING OF ASPHALTIC CONCRETE SURFACE COURSES WITH AN ASPHALT REJUVENATING AGENT - ATTACHED	
LOCATION OF VENDOR'S PLANT:	
PRICE VENDOR DELIVER TO JOB SITE:	
50,000 - 300,000 SY	/ PER SY
OVER 300,000 SY	/ PER SY
DELIVERY DAYS AFTER RECEIPT OF ORDER:	/ DAYS
IV.27 RESTORATIVE SEALING OF ASPHALT PAVEMENT WITH ASPHALT REJUVENATIVE AGENT RESTRICTIVE SEAL - ATTACHED	
LOCATION OF VENDOR'S PLANT:	
PRICE VENDOR DELIVER TO JOB SITE:	
50,000 - 300,000 SY	/ PER SY
OVER 300,000 SY	/ PER SY
DELIVERY DAYS AFTER RECEIPT OF ORDER:	/ DAYS
IV.28 ASPHALT REJUVENATING AGENT - For Construction Seal - ATTACHED	
PRICE VENDOR DELIVER TO MANATEE COUNTY YARD	/ PER GAL
DELIVERY DAYS AFTER RECEIPT OF ORDER:	/ DAYS
IV.29 ASPHALT REJUVENATING EMULSION - For Construction Seal - ATTACHED	
PRICE VENDOR DELIVER TO MANATEE COUNTY YARD	/ PER GAL
DELIVERY DAYS AFTER RECEIPT OF ORDER:	/ DAYS
IV.30 BITUMINOUS CRACK RELIEF LAYER - ALL LABOR, MATERIAL & EQUIPMENT TO PREP AND APPLY AN APPLICATION OF BITUMINOUS MATERIAL COVERED WITH A SINGLE APPLICATION OF AGGREGATE - ATTACHED	
0 - 5000 SY	/ PER SY
5,001 - 10,000 SY	/ PER SY
10,001 + SY	/ PER SY

Order: _____

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ROAD BUILDING MATERIALS AND SERVICES
ADDENDUM # 2

SECTION IV - BASE AND SURFACE CONSTRUCTION/MATERIAL	
IV.31 PAVEMENT MILLING	
AVERAGE CUT 1" TO 2"	
0 - 2,000 SY	/ PER SY
2,000 - 5,000 SY	/ PER SY
5,001 - 10,000 SY	/ PER SY
OVER 10,000 SY	/ PER SY
AVERAGE CUT OVER 2"	
0 - 2,000 SY	/ PER SY
2,000 - 5,000 SY	/ PER SY
5,001 - 10,000 SY	/ PER SY
OVER 10,000 SY	/ PER SY
DELIVERY DAYS AFTER RECEIPT OF ORDER:	/ DAYS
IV.32 RECLAIMED ASPHALT - CREDIT	
0 - 500 TONS	/ PER TON
501 - 1,000 TONS	/ PER TON
OVER 1,000 TONS	/ PER TON
DELIVERY DAYS AFTER RECEIPT OF ORDER:	/ DAYS
IV.33 RECLAIMED NON-ASPHALTIC BASE MATERIAL - CREDIT	
0 - 500 TONS	/ PER TON
501 - 1,000 TONS	/ PER TON
OVER 1,000 TONS	/ PER TON
DELIVERY DAYS AFTER RECEIPT OF ORDER:	/ DAYS
IV.34 PAINTED TRAFFIC LINES & MARKINGS - Specification: FDOT Sections 710, 971-12, Index #17346	
6" SKIP TRAFFIC STRIPE	/GROSS MILE
6" SOLID TRAFFIC STRIPE	/NET MILE
6" SOLID TRAFFIC STRIPE	/LINEAR FOOT
8" SOLID TRAFFIC STRIPE	/NET MILE

Address: _____

Authorized by: _____

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ROAD BUILDING MATERIALS AND SERVICES
ADDENDUM # 2

SECTION IV - BASE AND SURFACE CONSTRUCTION/MATERIAL		
8" SOLID TRAFFIC STRIPE		/LINEAR FOOT
STOP BARS - 24" WIDTH		/LINEAR FOOT
CROSSWALK - 12" WIDTH		/LINEAR FOOT
18" SOLID WHITE TRAFFIC STRIPE		/LINEAR FOOT
DELIVERY DAYS AFTER RECEIPT OF ORDER:		/ DAYS
IV.35 PAINTED TRAFFIC PAVEMENT MARKERS - Specification: FDOT 710, 971-12, Index #17346		
(A)	LEGEND:	
(All White)	LEFT - 19 SQUARE FEET	/ EACH
	RIGHT - 27 SQUARE FEET	/ EACH
	STOP - 22 SQUARE FEET	/ EACH
	ONLY - 22 SQUARE FEET	/ EACH
	MERGE - 36 SQUARE FEET	/ EACH
	SCHOOL - 33 SQUARE FEET	/ EACH
	BUS - 21 SQUARE FEET	/ EACH
	TURN - 25 SQUARE FEET	/ EACH
	RXR - 28 SQUARE FEET	/ EACH
	BIKE - 12 SQUARE FEET	/ EACH
(B)	ARROWS:	
(All White)	STRAIGHT - 12 SQUARE FEET	/ EACH
	LEFT - 16 SQUARE FEET	/ EACH
	RIGHT - 16 SQUARE FEET	/ EACH
	COMBINATION - 27 SQUARE FEET	/ EACH
(C)	SYMBOLS:	
(All White)	BICYCLIST - 3.9 SQUARE FEET	/ EACH
	DIAMOND - 6.5 SQUARE FEET	/ EACH
	HANDICAPPED - 5.0 SQUARE FEET	/ EACH
DELIVERY DAYS AFTER RECEIPT OF ORDER:		/ DAYS

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ADDENDUM # 2

SECTION IV - BASE AND SURFACE CONSTRUCTION/MATERIAL		
IV.36	THERMOPLASTIC TRAFFIC STRIPES AND MARKINGS - Specs: FDOT Section 711, Index #17346	
	6" SKIP TRAFFIC STRIPE - THERMOPLASTIC	/ PER GROSS MILE
	6" SKIP TRAFFIC STRIPE - THERMOPLASTIC	/PER LINEAR FOOT
	6" SOLID STRIPE - THERMOPLASTIC	/PER LINEAR FOOT
	8" SOLID STRIPE - THERMOPLASTIC	/PER LINEAR FOOT
	18" SOLID TRAFFIC STRIPE	/PER LINEAR FOOT
	12" CROSSWALK - THERMOPLASTIC	/PER LINEAR FOOT
	24" SOLID STOP BAR - THERMOPLASTIC	/PER LINEAR FOOT
	DELIVERY DAYS AFTER RECEIPT OF ORDER:	/ DAYS
IV.37	THERMOPLASTIC TRAFFIC PAVEMENT MARKINGS - Specs: FDOT Section 711, 971-12, Index #17346	
(A)	LEGEND:	
(All White)	LEFT - 19 SQUARE FEET	/ EACH
	RIGHT - 27 SQUARE FEET	/ EACH
	STOP - 22 SQUARE FEET	/ EACH
	ONLY - 22 SQUARE FEET	/ EACH
	MERGE - 36 SQUARE FEET	/ EACH
	SCHOOL - 33 SQUARE FEET	/ EACH
	BUS - 21 SQUARE FEET	/ EACH
	TURN - 25 SQUARE FEET	/ EACH
	RXR - 28 SQUARE FEET	/ EACH
	BIKE - 12 SQUARE FEET	/ EACH
(B)	ARROWS:	
(All White)	STRAIGHT - 12 SQUARE FEET	/ EACH
	LEFT - 16 SQUARE FEET	/ EACH
	RIGHT - 16 SQUARE FEET	/ EACH
	COMBINATION - 27 SQUARE FEET	/ EACH
(C)	SYMBOLS:	
(All White)	BICYCLIST - 3.9 SQUARE FEET	/ EACH
	DIAMOND - 6.5 SQUARE FEET	/ EACH
	HANDICAPPED - 5.0 SQUARE FEET	/ EACH
	DELIVERY DAYS AFTER RECEIPT OF ORDER:	/ DAYS

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SECTION IV - BASE AND SURFACE CONSTRUCTION/MATERIAL		
IV.38 REFLECTIVE PAVEMENT MARKERS TYPES 1 TO 5 (per FDOT Section 706-1)		
CLASS "A" MARKERS - FDOT SEC. 706-2.3.2: FURNISHED & INSTALLED		/ EACH
CLASS "B" MARKERS - FDOT SEC. 706-2.3.2 / 706-2.3.3(A): FURNISHED & INSTALLED		/ EACH
DELIVERY DAYS AFTER RECEIPT OF ORDER:		/ DAYS
IV.39 REMOVAL OF EXISTING THERMOPLASTIC MARKING		
EQUIPMENT, MATERIAL AND LABOR NECESSARY TO REMOVE, PICK UP AND DISPOSE OF THERMOPLASTIC MARKING		
0 - 1000 LF		/ LF
1001 - 5000 LF		/ LF
5001 - 10,000 LF		/ LF
OVER 10,001 LF		/ LF
DELIVERY DAYS AFTER RECEIPT OF ORDER:		/ DAYS
IV.40 UTILITY/INTERSECTION REPAIR		
EQUIPMENT, MATERIAL AND LABOR NECESSARY TO REPAIR INTERSECTIONS AND UTILITY CUTS FROM EDGE OF PAVEMENT TO EDGE OF PAVEMENT BY MILLING AND RESURFACING WITH 100# OF S-III OR EQUIVALENT		/ TON
DELIVERY DAYS AFTER RECEIPT OF ORDER:		/ DAYS
IV.41 REWORK EXISTING ASPHALTIC CONCRETE PAVEMENT - ATTACHED		
ALL LABOR, EQUIPMENT AND MATERIAL TO INDIRECT HEAT EXISTING ASPHALT PAVEMENT, SCARIFYING AND REJUVENATING AGENTS, RESHAPE AND COMPACT EXISTING ASPHALTIC CONCRETE:		
0 - 1,000 SY		/ PER SY
1,001 - 5,000 SY		/ PER SY
OVER 5,000 SY		/ PER SY
PER TON PRICE FOR TYPE III ASPHALTIC CONCRETE ADDED:		/ PER TON
DELIVERY DAYS AFTER RECEIPT OF ORDER:		/ DAYS
IV.42 MANHOLE ADJUSTMENT		
1 - 5 UNITS		/ PER UNIT
6 - 10 UNITS		/ PER UNIT
OVER 10 UNITS		/ PER UNIT
DELIVERY DAYS AFTER RECEIPT OF ORDER:		/ DAYS

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SECTION IV - BASE AND SURFACE CONSTRUCTION/MATERIAL		
IV.43 WATER VALVE ADJUSTMENT		
1 - 5 UNITS		/ PER UNIT
6 - 10 UNITS		/ PER UNIT
OVER 10 UNITS		/ PER UNIT
DELIVERY DAYS AFTER RECEIPT OF ORDER:		/ DAYS
IV.44 MOBILIZATION (Cost per Release Order) - Preparatory work and operations in mobilizing startup of project, including, but not limited to, operations necessary for the movement of personnel, equipment, supplies and incidentals to the project site, and for the establishment of temporary sanitary and other facilities.		
ZONE 1		/ LUMP SUM
ZONE 2		/LUMP SUM
ZONE 3		/LUMP SUM
ZONE 4A		/LUMP SUM
ZONE 4B		/LUMP SUM
ZONE 5		/LUMP SUM
DELIVERY DAYS AFTER RECEIPT OF ORDER:		/ DAYS
IV.45 INDUCTIVE LOOP DETECTORS - FDOT Section 660		
TYPE "A"		/ EACH
TYPE "F" 6' x 20'		/ EACH
TYPE "F" 6' x 40'		/ EACH
LEAD RUNS		/LF
DELIVERY DAYS AFTER RECEIPT OF ORDER:		/ DAYS
IV.45a	Video Detection System Installation (See Attached Specs) (ADDENDUM # 2)	/ EACH
IV.45b	Video Detection Camera Installation (See Attached Specs) (ADDENDUM # 2)	/ EACH
IV.46 MAINTENANCE OF TRAFFIC (ATTACHED) (ADDENDUM # 2)		
Crew Complete (includes truck, foreman, two flaggers)		/ DAY
Flag Personnel (includes two flaggers only)		/ DAY
Additional Flag Personnel (one flagger only)		/ HOUR
Temporary Signal Detection		/ DAY
Law Enforcement Personnel		/ HOUR

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SECTION IV - BASE AND SURFACE CONSTRUCTION/MATERIAL	
IV.47 FULL DEPTH PAVEMENT RECLAMATION (ATTACHED) (ADDENDUM # 2)	
0 - 30,000 SY	
Preparation, Pulverizing, Shaping, Compaction and Filling	/ SQ YD
Additives, (Cement)	/ TON
Imported Material	/ CY
Removal of Unsuitable Material	/ CY
30,001 - 100,000 SY	
Preparation, Pulverizing, Shaping, Compaction and Filling	/ SQ YD
Additives, (Cement)	/ TON
Imported Material	/ CY
Removal of Unsuitable Material	/ CY
OVER 100,001 SY	
Preparation, Pulverizing, Shaping, Compaction and Filling	/ SQ YD
Additives, (Cement)	/ TON
Imported Material	/ CY
Removal of Unsuitable Material	/ CY
IV.48 HOT-IN-PLACE ASPHALT RECYCLING (ATTACHED) (ADDENDUM # 2)	
30,000 SY	
Asphalt Recycling	/ SQ YD
Recycling Agent	/ GALLON
Furnish and Place S-III Asphalt	/ TON
30,001 - 100,000 SY	
Asphalt Recycling	/ SQ YD
Recycling Agent	/ GALLON
Furnish and Place S-III Asphalt	/ TON
OVER 100,001 SY	
Asphalt Recycling	/ SQ YD
Recycling Agent	/ GALLON
Furnish and Place S-III Asphalt	/ TON

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Authorized by: _____

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ADDENDUM # 2

SECTION IV - BASE AND SURFACE CONSTRUCTION/MATERIAL		
IV.49 SUPER PAVE MIX 9.5		
LOCATION OF VENDOR'S PLANT:		
PRICE F.O.B. VENDOR'S PLANT:		/ PER TON
PRICE VENDOR DELIVER TO JOB SITE:		
ZONE 1	0 - 500 TONS	/ PER TON
	OVER 500 TONS	/ PER TON
ZONE 2	0 - 500 TONS	/ PER TON
	OVER 500 TONS	/ PER TON
ZONE 3	0 - 500 TONS	/ PER TON
	OVER 500 TONS	/ PER TON
ZONE 4A	0 - 500 TONS	/ PER TON
	OVER 500 TONS	/ PER TON
ZONE 4B	0 - 500 TONS	/ PER TON
	OVER 500 TONS	/ PER TON
ZONE 5	0 - 500 TONS	/ PER TON
	OVER 500 TONS	/ PER TON
DELIVERY DAYS AFTER RECEIPT OF ORDER:		/ DAYS
IV.50 SUPER PAVE MIX 12.5		
LOCATION OF VENDOR'S PLANT:		
PRICE F.O.B. VENDOR'S PLANT:		/ PER TON
PRICE VENDOR DELIVER TO JOB SITE:		
ZONE 1	0 - 500 TONS	/ PER TON
	OVER 500 TONS	/ PER TON
ZONE 2	0 - 500 TONS	/ PER TON
	OVER 500 TONS	/ PER TON
ZONE 3	0 - 500 TONS	/ PER TON
	OVER 500 TONS	/ PER TON
ZONE 4A	0 - 500 TONS	/ PER TON
	OVER 500 TONS	/ PER TON
ZONE 4B	0 - 500 TONS	/ PER TON
	OVER 500 TONS	/ PER TON
ZONE 5	0 - 500 TONS	/ PER TON
	OVER 500 TONS	/ PER TON
DELIVERY DAYS AFTER RECEIPT OF ORDER:		/ DAYS

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SECTION IV - BASE AND SURFACE CONSTRUCTION/MATERIAL	
IV.51 SWEEP, TACK, SPREAD & COMPACT SUPER PAVE MIXES <#100	
0 - 50 TONS	/ PER TON
50 - 200 TONS	/ PER TON
201 - 500 TONS	/ PER TON
OVER 500 TONS	/ PER TON
DELIVERY DAYS AFTER RECEIPT OF ORDER:	/ DAYS
IV.52 SWEEP, TACK, SPREAD & COMPACT SUPER PAVE MIXES >#100	
0 - 50 TONS	/ PER TON
50 - 200 TONS	/ PER TON
201 - 500 TONS	/ PER TON
OVER 500 TONS	/ PER TON
DELIVERY DAYS AFTER RECEIPT OF ORDER:	/ DAYS
IV.53 CRACK FILLING/SEALING ATTACHED (ADDENDUM # 2)	
0-99 GALLONS	/ PER GAL
100-250 GALLONS	/ PER GAL
over 251 GALLONS	/ PER GAL
DELIVERY DAYS AFTER RECEIPT OF ORDER:	/ DAYS

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