DATE: April 3, 2020

RE: Bid No. 08-20 ADDENDUM NO. 01

To prospective vendors:

The Utilities Commission is issuing the following addendum. As such it becomes an integral part of the proposal and must be acknowledged by the return of this signed form, with your proposal form, acknowledging receipt of the addendum.

ITB 08-20 Sugarmill Electric Upgrade will open as planned on April 9th, 2020 at 2:30PM. However, vendors are encouraged NOT TO attend bid openings in person, but to attend by dialing 1 (718) 362-6230 PIN:373-1350.

The Utilities Commission, City of New Smyrna Beach takes this step in an abundance of caution for the safety and wellbeing of our staff and community.

IF YOU ARE DROPPING OFF A BID PLEASE RING THE BELL AT THE REAR ENTRANCE AND THE SECURITY GUARD WILL TAKE IT FROM YOU.

Bidders shall note the following statements when preparing bids for evaluation:

a) See attached City permit for this scope of work.
   o See City marked storm pipe and structures. Exact location, depth, and character of the storm pipe and structures shall be field verified by the contractor prior to drilling.

b) See attached County Notes on Sheet 8 and MOT index 601 & 602.
   o The COMMISSION is currently waiting for a copy of the County permit. The project has been approved; however, the issuance of the permit is delayed.

c) See revised page 33. Revisions are in red.
d) Bidders shall submit completed Tab #7 to make their bid package complete. It is very important that each BIDDER read the full scope of work and entire bid tabulation.

e) Work hours for this project are Monday – Friday, 7am – 7pm. The COMMISSION will adjust its inspection hours as necessary.

f) Conduit shall be installed starting with Sheet 2 and continuously installed per Sheet 3, Sheet 4, etc.

g) The COMMISSION will accept a bored conduit with an appropriate approach angle to proposed equipment locations, which would eliminate fittings and couplings. The COMMISSION will not accept a conduit not satisfying the requirements, with or without fittings and couplings. BIDDER shall adjust unit prices as they see fit.

h) The COMMISSION will not hold Contractor responsible for any “clear zone” that may fall on private property. All Contractor work will be within the ROW.

BIDDER questions are in black. COMMISSION responses are in blue.

1. RFP sates we supply pipe HDPE 13.5 or better grey, in past projects the commission has supplied pipe is RFP correct or is it contractor supplied pipe?
   This is an ITB, Invitation to Bid. Contractor shall supply conduit. Refer to pages 29-34, Bid Scope of Work and Bid Tabulation.

2. Are we to bid the other items outside of bore e.g. Sectionalizing Enclosure ground Sleeve?
   The COMMISSION will supply the proposed, de-energized, Pull Box, Switchgear Base and Sectionalizing Enclosure Ground Sleeve. Refer to pages 29-34, Bid Scope of Work and Bid Tabulation.
3. Is commission setting HH’s and tying in?

[BIDDER was asked to define HH and responded: hand hole / pull box]

In locations that are considered to be de-energized, the Contractor is responsible for installing pull boxes, as well as switchgear base or sectionalizing enclosure ground sleeve. The quantity of these locations is listed in the bid tabulation.

In locations that are considered energized, the contractor is responsible for installing conduit 5 feet from the center line of the equipment, terminating 24-inches above finished grade. The quantity of the conduit is listed in the bid tabulation.

Refer to pages 29-34, bid scope of work and bid tabulation and the bid plans.

4. Is commission setting switch gears?

The Contractor shall install the proposed, de-energized, Pull Box, Switchgear Base and Sectionalizing Enclosure Ground Sleeve. Refer to pages 29-34, Bid Scope of Work and Bid Tabulation.

5. Can we exclude items like unmarked sprinkler hits, and put cost plus 20% for repairs?

Sprinkler repairs will be covered under Restoration Allowance. The COMMISSION will not pay for unforeseen work caused by carelessness or disregard. Refer to pages 29-34, Bid Scope of Work and Bid Tabulation.

6. Will commission mark all sewer clean outs?

It is the Contractor’s responsibility to call for utility locate ticket(s) via Sunshine 811 and to field verify existing utilities. All utilities within the construction area shall be preserved. Exact location, depth, and character of all underground facilities shall be field verified by the contractor prior to drilling. See Note 5, Sheet 8. The COMMISSION will be responsible for responding to said Sunshine 811 Locate Ticket request for COMMISSION owned utilities in the project limits.
7. On plans it shows a single 2” but there is no LF price in supplemental. The supplemental bid items are for multiple bores. Refer to pages 29-34, Bid Scope of Work and Bid Tabulation.

8. Will a total project bond be required? It is referenced in the Mobilization bid item description like it may be a potential, but I only see a bid bond mentioned in the remainder of the specifications.

A bid bond is required to make the bid package complete. A performance and payment bond is required from the awarded contractor in order to fully execute the contract documents/agreement. See page 14, numbers 45 & 46.

A Copy of This Signed Form Must Accompany Your Proposal

Acknowledgment of Receipt of Addenda No. 1

Company________________________________________

Signature________________________________________
CALL 2 WORKING DAYS BEFORE YOU DIG
ITS THE LAW
DIAL 811
SUNSHINE STATE ONE CALL OF FLORIDA, INC.

ISSUED FOR BID
UTILITIES COMMISSION
CITY OF
NEW SMYRNA BEACH, FLORIDA
SUGAR MILL ELECTRIC UPGRADE
COVER SHEET & KEY MAP

ITB #08-20
Sugar Mill
Upgrade-Cond

Know what's below.
Call before you dig.

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ISSUED FOR BID
UTILITIES COMMISSION
CITY OF NEW SMYRNA BEACH, FLORIDA
SUGAR MILL ELECTRIC UPGRADE
SWEET BAY AVE & CLUB HOUSE BLVD

FPUC SYSTEM MAP DEPICTING DEACTIVATED GAS LINES

KNOW WHAT'S BELOW.
CALL BEFORE YOU DIG.
Electric Conduit Inspection Sheet

DEVELOPMENT: _____________________________________________

LOCATION: _________________________________________________

Developer Rep. Name: ____________________________________

Developer Rep. Sign: _____________________________________

Contractor Rep. Name: ____________________________________

Contractor Rep. Sign: _____________________________________


ACTIVITY DESCRIPTION

1. Is easement at finished grade?

2. Has conduit been installed in the proper location in the Utility Easement?

3. Is Conduit installed at the depth described in our construction drawing?

4. Have all road crossings been etched into curb and/or have pavement marker been installed?

5. Have all pull boxes been etched into curb and/or asphalt?

6. Were "E-Loc's" used at all HDPE and PVC joints?

7. Has the appropriate size mandrel been pulled through all conduit?

8. Has 1800 lb. traceable mule tape been installed in all conduit?

9. Have all conduit ends been properly capped or plugged per drawing?

10. Are street lights in correct location and marked in curb and/or asphalt?

11. If applicable at termination poles, pull boxes, and switchgear, are conduits properly marked and identified?

12. Is there proper separation of electric conduits at all pedestals and transformer locations?

13. Is conduit stubbed up straight?

14. Was FDOT #57 stone installed at bottom of all pull boxes at the required depth?

15. Have all stub outs been installed and at 24” or 36” required depth?

16. Are as-builts complete?

17. As-builts need to be turned in by: ________________

18. Have transformer pads been installed per the drawing?

19. If required, are bollards installed per UCNSB Specifications?

20. If applicable, does CT cabinet meet UCNSB requirements and is it properly installed?

DATE: ____________________________

Contact # : ____________________________

Contact # : ____________________________

Contact # : ____________________________

DEVELOPER     CONTRACTOR UTIL. COMM.

YES        NO        YES        NO        YES        NO

REV. [183x553] REVISIONS [203x573]

DATE: [110x573] BY:

DWN: [109x526] CKD: APP:

CAD FILE: [50x367] ISSUED:

REF: [109x367] DATE:

SCALE:

SHEET OF

UTILITIES COMMISSION

CITY OF

NEW SMYRNA BEACH, FLORIDA

U.C. PROJECT NO.

ISSUED FOR BID

SUGAR MILL ELECTRIC UPGRADE

DETAILS

A. WISHART

J. PARKER

J. COUILLARD

N.T.S. 2/24/2020

ITB #08-20

UCNSB-Sugar Mill...-Details

NOTE: WHEN MULTIPLE SHEETS COMPOSE THE ELECTRIC PLAN, NO SINGLE SHEET SHALL BE CONSIDERED FULL AND COMPLETE WITHOUT THE OTHERS.

[Diagram of electrical conduit layout]
BIDDER NAME: ____________________________________________

Bid Item No. 6, 7 & 8, Install Pull Box, Switchgear Base and Sectionalizing Enclosure Ground Sleeve, shall include the installation of the transition coupling(s), Schedule 40 PVC fittings, stone, excavation, compaction, connection to the HDPE conduit, installation of the pull box, switchgear base and sectionalizing enclosure ground sleeve and anything else required to complete this scope of work. These are the designated locations for the proposed electric equipment (de-energized applications). The COMMISSION will supply the Pull Boxes, Switchgear Base and Sectionalizing Enclosure Ground Sleeve.

Bid Item No. 9, Dewatering, shall include installation, operation and maintenance of a dewatering system to achieve and maintain a dry trench, such as a well point system. The Contractor is responsible for all dewatering, where necessary, to complete this scope of work. The Unit “Per Day” for dewatering shall be continuous running of pumps for no less than 12 hours and shall not exceed $500/day. Payment for Dewatering will be made for actual work completed.

Bid Item No. 10, Right-of-Way Survey, shall include survey work by a licensed surveyor in the state of Florida to stake right-of-way in 50-foot increments, or to the closest property corner, prior to commencement of H.D.D.

Bid Item No. 9, As-Built Survey, shall include survey work by a licensed surveyor in the state of Florida to as-built existing and proposed electric equipment. As-built shall be approved by the COMMISSION. A hard copy of the as-built, signed and sealed by Surveyor, shall be submitted to the COMMISSION along with pdf and CAD digital files. An approved as-built is required for Final Completion.

Bid Item No. 11, Restoration Allowance, shall include asphalt patch, asphalt mill and overlay, compaction testing, concrete curb, driveway(s), sod, pavers, plants, shrubs, repair of existing sprinklers, etc. The exact limits shall be determined once Contractor achieves substantial completion. The City of New Smyrna Beach will dictate, inspect and approve final restoration limits. This Allowance shall be included in the total bid cost and will be returned to the COMMISSION if not used. Contractor to maintain all greenspace restored until established and warranty for 30 calendar days prior to final payment/release of retainage. The COMMISSION will not pay for unforeseen work caused by carelessness or disregard. Work under this bid item requires COMMISSION approval. Monies will be paid for actual work completed. The use of these funds must be requested in writing from the Contractor to the COMMISSION’s designated Project Manager. Such requests must include support for the use of funds and must be approved by the COMMISSION’s Project Manager and Director of Engineering.
GENERAL NOTES

1. If the work operation (excluding establishing and terminating the work area) requires that two or more work vehicles cross the offset zone in any one hour, traffic control will be in conformance with Index No. 602.

2. No special signing is required.

3. When a side road intersects the highway within the work area, additional TTC devices shall be placed in accordance with other applicable TCZ indexes.

4. When construction activities encroach on a sidewalk refer to Index No. 660.

5. For general TCZ requirements and additional information, refer to Index No. 600.

SYMBOLS

Work Area

Lane Identification + Direction of Traffic

CONDITIONS

WHERE ANY VEHICLE, EQUIPMENT, WORKERS AND THEIR ACTIVITIES ARE BEHIND AN EXISTING BARRIER, MORE THAN 2' BEHIND THE CURB, OR 15' OR MORE FROM THE EDGE OF TRAVEL WAY.
**GENERAL NOTES**

1. When four or more work vehicles enter the through traffic lanes in a one hour period or less (excluding establishing and terminating the work area), the advanced FLAGGER sign shall be substituted for the WORKERS sign. For location of flaggers and FLAGGER signs, see Index No. 603.

2. SHOULDER WORK sign may be used as an alternate to the WORKER symbol sign only on the side where the shoulder work is being performed.

3. When a side road intersects the highway within the TTC zone, additional TTC devices shall be placed in accordance with other applicable TTC Indexes.

4. For general TTC requirements and additional information, refer to Index No. 600.

**DURATION NOTES**

1. Signs and channelizing devices may be omitted if all of the following conditions are met:
   a. Work operations are 60 minutes or less.
   b. Vehicles in the work area have high-intensity, rotating, flashing, oscillating, or strobe lights operating.

**CONDITIONS**

WHERE ANY VEHICLE, EQUIPMENT, WORKERS OR THEIR ACTIVITIES ENCROACH THE AREA CLOSER THAN 15' BUT NOT CLOSER THAN 2' TO THE EDGE OF TRAVEL WAY.
Certificate of: STREET OPEN PERMIT-FRANCHISE

Proposed Use Description: STREET OPEN PERMIT-FRANCHISE

<table>
<thead>
<tr>
<th>Property Number</th>
<th>Street Address</th>
</tr>
</thead>
<tbody>
<tr>
<td>731001000011</td>
<td>CLUB HOUSE BOULEVARD</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Owner Information</th>
<th>Contractor Information</th>
</tr>
</thead>
<tbody>
<tr>
<td>Name: THE SUGAR MILL ASSOCIATION INC</td>
<td>Name:</td>
</tr>
<tr>
<td>Address: 100 CLUBHOUSE CIRCLE</td>
<td>Company Name: UTILITIES COMMISSION</td>
</tr>
<tr>
<td></td>
<td>Address: 200 CANAL ST</td>
</tr>
<tr>
<td></td>
<td>Phone:</td>
</tr>
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<table>
<thead>
<tr>
<th>Use Requested</th>
<th>Zone Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>NEW HORIZONTAL DIRECTIONAL DRILLS OF HDPE ELE CONDUIT FOR PUD</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Lot Acreage</th>
<th>Flood Zone Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>.165</td>
<td>X</td>
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</table>

<table>
<thead>
<tr>
<th>Property Setbacks</th>
<th>Front</th>
<th>Left</th>
<th>Right</th>
<th>Rear</th>
</tr>
</thead>
</table>

Remarks:

[2020-03-20 14:09:02 mjmeyers]: Permit approved with the following conditions: See Notes on Plans to provide a minimum one (1) foot separation from storm system.

Approving Agent: Building Official
Date Issued: 03/20/2020

Please be aware that private covenants and restrictions may apply to this property. Applicant must comply with all private covenants and restrictions for this property.
Residential - General Notes:
1. Side slopes are to be 12:1 or flatter.
2. Retention Area(s) (RA) must be sodded
3. Stormwater runoff from impervious areas is not allowed to discharge onto adjacent properties
4. The first 1.5 inches of runoff must be retained
5. The depth of the RA is to be 6 inches
6. Rain gutter downspouts are to discharge towards a RA
7. If fill is proposed the lot must be sloped 4:1 to meet existing elevations at adjacent property line, and no more than 6 inches of fill is allowed to be placed within the required setback areas
8. Driveways are to slope toward a RA
9. A “Driveway Permit” is required for a driveway apron in the City R/W. An inspection is required prior to pouring concrete or placing decorative pavers.
10. Two inspections (preliminary and final) are included in the SW Permit Fee. Call 424-2274, 24 hours in advance for all inspections.

FEMA Zone “A” Requirements:
For structures constructed in FEMA Zone “A”, “AE” & “VE” a certified “FEMA ELEVATION CERTIFICATE” of the new first floor elevation is required (by Federal Law) to be submitted to the City Engineering Department IMMEDIATELY after the first floor slab is poured. This FEMA Elevation Certificate is to certify that the first floor elevation has been constructed above the FEMA ZONE “A”, “AE” & “VE” 100-year flood elevation. The Certificate of Occupancy for said structure will not be issued until receipt of this Certified FEMA Elevation Certificate.

Driveway Apron:
1. Driveway Apron Construction shall consist of one of the following:
   a. 6" Thick concrete reinforced with wire mesh or fiber mesh (3000 psi Concrete); or
   b. 5" Type S-1 Asphaltic Concrete; or
   c. 6" or more Limestone with 1 ½" Type S-1 Asphaltic Concrete.
   d. 4" Crushed Concrete or limestone base compacted to 98% density with 2 3/8" Brick paver with concrete band around pavers
   e. Other materials must be approved by the City Engineer
2. Driveway Width: 8 ft. minimum with a 5 ft. flare on each side
3. Grass Grade at driveway apron shall be a minimum 2" below the top of apron

Contact the Building Department (424-2274) for Inspection, (M – F 8:30 to 4:00) prior to concrete pour, or prior to installing bricks once density has been achieved.
Location: Club House Blvd.  Between: Pioneer Trail & Boxwood Lane

Permission is Hereby Granted To: Utilities Commission, City of New Smyrna Beach, FL 200 Canal St., New Smyrna Beach, Florida 32168

For the Construction or Maintenance of:
The Utilities Commission has designed and bid for new horizontal directional drills of HDPE electric conduit for new primary and secondary electric cable along Club House Boulevard in the Sugar Mill Development. There are no asphalt open cuts proposed are in green space.

See attached bid plan set and pertinent pages from the bid documents.

I have also attached a sketch showing the proposed work in the Archaeological Zone at Sawgrass Lane. There will be minimal disturbance in this area; however, I have copied Ms. Bennett to see if any further action will be required for this work.

Work to be started on: June/July 2020  Work to be completed on or before: December 2020

Inspection Required? √ (Yes) (No)

NOTE: (a) See Permit Conditions attached to this form
(b) City Inspector Shall be notified before any portion of this construction begins.

Submitted for: Utilities Commission, City of New Smyrna Beach
By: Dana Hale, PE, Project Manager  Date: 03/02/2020
Phone Number: (386) 424-3019  Fax Number (386) 409-4720
Email Address: dhale@ucnspb.org

I, the undersigned applying for this permit, agree to contact “Sunshine State One-Call of Florida Inc.” at 1-800-432-4770 not less than 2 and not more than 5 business days before beginning excavation and agree to complete the excavation within twenty (20) calendar days from the Ticket date.

Signed: Dana Hale  03/02/2020

Approved by the City Engineering Department
By: Dana Hale  Date: 3/14/2020  Title: Civil Engineer

Street Opening Permit Fee: 001-017-33-900  Date Paid: 001-000-220-300  Receipt No.

Bond or Cash  Bond?  Deposit for Street Improvement:

SEE NOTES ON PLANS - PROVIDE A MINIMUM 1 Foot Separation FROM STORM SYSTEM
THIS PERMIT SUBJECT TO THE FOLLOWING CONDITIONS:

1. On all streets the repair work shall be done by a qualified contractor bonded by the City and said contractor shall be responsible for the condition of the repair for a period of two years.

2. Backfill and compaction: Backfill trench with suitable material, wet and tamp material in 6” layers to obtain 100% compaction (AASHO T99-57). Compaction shall be done with mechanical tampers.

3. The base material to be installed in all cuts shall be equal to or better than the existing base both in quality and thickness. The decision as to the type of base in each individual cut will be determined by the City Engineer. Where limerock is used as a base material, it shall be thoroughly compacted in 4” layers to receive the surface course. The limerock material shall be of a quality acceptable to the City of New Smyrna Beach and the Department of Transportation. The base shall be maintained in good condition until surface course is applied to insure a good riding surface.

4. The period of time between the restoration of the base material and the application of the finish surface course shall not exceed two weeks except by special authorization of the City Engineer.

5. The surface course shall be of a type equal to or better than existing to be determined by the City Engineer for each location. Where the surface course is of asphaltic concrete it shall be of Type 1-1 ¾” thick on residential streets and Type 1-1 ⅞” thick on arterial streets.

6. Before surface course is applied the area shall be squared to form a rectangle, the sides of which shall be a minimum of two feet from the farthest extension of the hole on all four sides, or as directed by the City Engineer.

7. In areas where holes are close or in a row the entire area, including that between patches shall be cut and resurfaced in a continuous strip, the width to be determined by the City Engineer.

8. Where a utility is installed in a dirt street, said street will be stabilized and restored to a condition equal to or better than the original.

9. All underground crossing installations shall be laid at a minimum depth of thirty (30) inches below the pavement. Exceptions may be made in special cases by the City Engineer.

10. Where a utility is installed in a parkway, this area shall be restored in a manner acceptable to the City, including restoration of grass, driveways, walks, drains, retaining walls, curbs, etc.

11. All work shall be done in keeping with standards of the Engineering Department, City of New Smyrna Beach, under the supervision of the City Engineer.

12. All materials and equipment shall be subject to inspection by the City Engineer.

13. If sewer lateral is broken during construction of utility, notify the Utilities Commission at 427-1361. Sewer locations will be furnished upon request of the Utilities Commission.

14. The construction and maintenance of such utility shall not interfere with the rights of a prior occupant.

15. During construction all safety regulations of the City of New Smyrna Beach shall be observed and the City shall be relieved of all responsibility from damage of any nature arising from this permit. Subject to same terms and conditions, holder shall take such safety measures, including placing and display of caution signs, as it may deem necessary in conduct of construction and maintenance work hereunder. Traffic shall be maintained at all times during construction. Where possible, all daily excavations shall be filled and completed at the end of that work day, thereby preventing open excavations to remain overnight.

16. It is expressly stipulated that this permit is a license for permissive use only and that the placing of facilities upon public property pursuant to this permit shall not operate to crease or vest any property rights in said holder.

17. Applicant declares that prior to the filing of this application he has ascertained the location of all existing utilities, both aerial and underground, and states that due notice of the work under application was furnished each other utility involved, and attaches hereto copies of letters addressed to said users.

18. The attached sketch covering details of this installation shall be made a part of this permit. Additional sketch shall be furnished where attached sketch is not applicable.