



City of Myrtle Beach
S O U T H C A R O L I N A

PURCHASING AND
MATERIALS MANAGEMENT

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ADDENDUM 002

June 24, 2021

21-B0028

Transfer Station Pump Station

The following questions have been asked and answered.

Also, please find attached some updated bid paperwork.

Thank you,


Ruth Burleson Garigen
City of Myrtle Beach

UPGRADES TO TRANSFER SEWAGE PUMP STATION

DDC Engineers

From: Dylan Jordan, EIT

Project No. 21018E



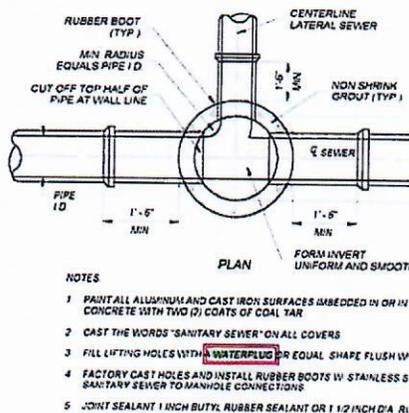
ADDENDUM NO. 2 – June 23, 2021

This Addendum forms a part of the Bidding Documents and modifies the original Bidding Documents, dated May 2021, Bid Date Tuesday, June 29, 2021 at 2:00 pm.

Acknowledge receipt of this Addendum in the space provided on the PROPOSAL. Failure to do so may subject Bidder to disqualification.

The following items clarify, modify, change, delete from or add to the Bidding Documents. When any paragraph, subparagraph, or sub-subparagraph, thereof is modified or deleted by this Addendum, the unaltered provisions of that paragraph, subparagraph, or sub-subparagraph shall remain in effect. When any portion of a drawing is modified or deleted, the unaltered provisions of that drawing shall remain in effect.

1. I have snipped the detail below from the Drawings for the Upgrades to Transfer Sewage Pump Station Project, Sheet C-3.03, "Precast Concrete Manhole Detail" which is currently out to bid. It cannot be bid by a sub-contractor as written:



The product as specified does not exist or is not available as it is currently named and described.

- The "Waterplug" brand product was discontinued.

Consequently, there is no product reference standard for contractors to base their bid.

The acceptable equivalent and locally available product for your specified need manufactured by UGL are "DRYLOK FastPlug Hydraulic Cement". I have attached information on this product.

DRYLOK PRODUCTS ARE PROUDLY MANUFACTURED IN JACKSON, MS.

I respectfully request you consider DRYLOK FastPlug Hydraulic Cement as an "or equal" and include in an upcoming Addendum.

Response: DRYLOK FastPlug Hydraulic Cement will be considered as an approved equal.

2. What is the current flow rate at the existing Pump Station?

Response: Average daily effluent from the station is approximately 16,000 gallons.

3. Reference Specification Section 004322 – Unit Prices Form. There is a column on the Unit Price Form titled “Bid Qty”. Please clarify the intent with regard to how the Contractors are to use this column.

Assuming it is not expected that the Contractors will include a “Bid Qty” at all line items, and with reference to Spec. Section 002213, Supplementary Instructions To Bidders, page 3, Article 1.6.A.2a (Add Section 4.1.9): “...Owner may elect to disqualify a bid due to ... failure to complete entries in all blanks in the Bid Form...” Please confirm the Owner does not expect there to be an entry in every line item under the column “Bid Qty” at the Unit Prices Form, and that leaving any or all of the line items under “Bid Qty” blank will not constitute grounds for the bid to be declared non-responsive.

Response: The “Bid Qty” column will be removed and the specification package will reflect the revisions.

4. The bid form calls for a schedule of values to be submitted with the bid proposal along with the unit price bid document. Are these one in the same?

Response: The Schedule of Values paragraph will be removed and the specification package will reflect the revisions.

Can you please explain the "Bid Qty" column of the bid form? Typically the quantities are set. Is the GC expected to change quantities. According to the bid form 004113-1, the bid is a lump sum base bid, then the bid form says the unit/incremental pricing is for information only in the event of a change order for unforeseen circumstances. Then 043322-1 states "The project is a unit price contract. Can you please clarify? The Bidder's check list calls for a Bid Form Supplement Form - Allowances but I have not seen one. Can you please clarify if one is required? Same question for "Bid Form Supplement Form - Alternates

Response: “Bid Qty” column will be removed. This project is a unit price project. Bid form - Bid Supplement Form is not required. Bid Form – Alternates is not required.

5. The plans call to restrain ex. 4"FM. Can you clarify the limits and detail the existing FM is to be restrained? Are the location and/or sizes of the 5 additional manholes to be lined known? Is bypassing required at these manholes? Is it possible the manholes which are not known/detailed be an allowance and pricing be submitted once information is known?

Response: A bell restraint should be installed on the next joint of pipe closest to the tie in. A manhole location map will be included as part of the Addendum. All offsite manholes to be lined are 4' diameter manholes. Bypassing existing manholes will not be necessary as the City will allow the existing manhole lining system to terminate at the water level; however, all proposed manholes must be lined completely with the inverts included. No allowance will be given.

6. The bid form line item 38 has a flowable fill quantity but it's a lump sum. Can you clarify where flowable fill is on the project so a quantity can be developed?

Response: An existing gravity line will be abandoned and the full extents of that line are to be filled with flowable fill. Sheet C3.01 references the line to be filled with flowable fill.

7. The contract time of 60 days is not possible to get deliveries and construct the project. Can the contract time be increased to account for deliveries and schedule?

Response: We are aware of the current situation with the difficulty in receiving materials and parts on time and we are willing to work with the contractor; however, we will not be extending the contract at this time.

8. Spec 312300-14 has additional unit prices that are not included in the unit price schedule. Are these to be included with the bid? Also, The raven lining's subcontractor asked me if the Raven lining will be allowed on the manhole rehabs. By spec, I told him no. Can you confirm?

Response: These are not to be included in the bid. Soil excavation should be included in the individual unit prices for the items that require such. There will be no rock excavation on this project. Miscellaneous imported fill was included on the unit price schedule. Raven lining is not to be used in the manholes.

9. The "Comments about the project" section of the spec allows Raven 405 or Spectra Shield in the wetwell but the specification 099725-4 only has Raven approved and listed throughout this spec section. Please clarify Spectrashield is acceptable.

Response: Raven, Spectra Shield, and CTR coatings are all acceptable for the wetwell lining.

10. The wall thickness of the multi-layer system shall be a minimum of 500 mils and the invert is to be 100. Please clarify this is the thickness for proposed manholes and existing manholes. Can Raven be used on the proposed manholes and existing manhole rehabs Regarding the 8 manholes to be rehabbed offsite, please provide the flow rates for bypassing since the invert is required to be lined. Is there a testing period for the new pump station prior to demolishing the existing pump station? Is power available onsite to power both pump stations (existing and new) during the startup phase?

Response: Wall thickness for both proposed and existing manholes is to be 500 mils. As mentioned earlier, we will allow the existing manhole lining to be stopped at the water level, thus no bypassing existing manholes will be necessary. The proposed manholes shall be lined completely with inverts included. The thickness of lining for proposed manholes on the invert shall be 100 mils. Raven cannot be used for any manholes. Raven or approved equal is only to be used in the proposed wetwell. The existing pump station must be demolished before the new station is online for the existing wetwell to be converted to a manhole. This station must be bypassed at this point until the new station is online. There should be standby pumps on site for at least two (2) weeks following the proposed pump station being placed online. The existing pump station will have power. As part of this project, 2-3" conduits are to be installed for power to be served to the proposed pump station.

11. The contractor shall employ and pay for the services of an Independent Testing Lab but specification 312300-2 states Owner's Testing Lab: The owner will engage a soil testing and inspection service. Please clarify if the owner or GC are to pay for testing services.

Response: The owner will pay for testing services, if necessary.

12. Regarding the field office, please confirm the GC will be required to house and furnish the construction manager which seems to require a mobile office trailer.

Response: Not needed.

13. This specifications (312300-14) states to provide unit prices which are not part of the unit price worksheet. Please clarify.

Response: Please refer to Question 8.

14. This specification states dewatering observation wells are part of dewatering allowance. Please clarify there is no allowances in this project. Is information available to know how many gallons will come back into the pump station so the new force main tie-in can be made?

Response: There are no allowances for this project. No information is available.

15. This specification requires a mockup for chain link fencing. Please clarify if this is required or if samples will be acceptable in lieu of a mockup.

Response: Samples will be accepted.

END OF ADDENDUM #2

DOCUMENT 004113 - BID FORM - STIPULATED SUM (SINGLE-PRIME CONTRACT)

1.1 BID INFORMATION

A. Bidder: _____.

Project Name: **Upgrades to Transfer Sewage Pump Station**

Project Location: - The project is located at the City of Myrtle Beach Transfer Station on Mr. Joe White Avenue Extension (TMS# 1730001006) in Myrtle Beach, South Carolina.

B. Owner: City of Myrtle Beach, South Carolina.

C. Owner Project Number: Project Bid #B21-B0028

D. Engineer: DDC Engineers

E. Engineer Project Number: 21018E

1.2 CERTIFICATIONS AND BASE BID

A. Base Bid, Single-Prime (All Trades) Contract: The undersigned Bidder, having carefully examined the Procurement and Contracting Requirements, Conditions of the Contract, Drawings, Specifications, and all subsequent Addenda, as prepared by DDC Engineers and Engineer's subconsultants, having visited the site, and being familiar with all conditions and requirements of the Work, hereby agrees to furnish all material, labor, equipment and services, including all scheduled allowances, necessary to complete the construction of the above-named project, according to the requirements of the Procurement and Contracting Documents, for the stipulated sum of:

1. _____ Dollars
(in words)

(\$_____).

2. The above amount may be modified by amounts indicated by the Bidder on the attached Document 004322 - Unit Prices Form.

1.3 BID GUARANTEE

A. The undersigned Bidder agrees to execute a contract for this Work in the above amount and to furnish surety as specified within 10 days after a written Notice of Award, if offered within 60 days after receipt of bids, and on failure to do so agrees to forfeit to Owner the attached cash, cashier's check, certified check, U.S. money order, or bid bond, as liquidated damages for such failure, in the following amount constituting five percent (5%) of the Base Bid amount above:

B. _____ Dollars
(in words)

(\$_____).

- C. In the event Owner does not offer Notice of Award within the time limits stated above, Owner will return to the undersigned the cash, cashier's check, certified check, U.S. money order, or bid bond.

1.4 THE FOLLOWING SUBCONTRACTORS ARE LISTED:

The following companies shall execute subcontracts for the portions of the Work indicated:

SITE WORK _____
Name, Address, Phone and License Number

_____ Name, Address, Phone and License Number

_____ Name, Address, Phone and License Number

_____ Name, Address, Phone and License Number

_____ Name, Address, Phone and License Number

_____ Name, Address, Phone and License Number

Bidder understands that the Owner reserves the right to reject any or all bids and to waive any informalities in the bidding.

- 1.5 UNIT/INCREMENTAL PRICING: (The City is requesting unit pricing for information purposes only in the event a Change Order/Directive is necessary due to unforeseen circumstances. The Owner reserves the right to negotiate any of the unit prices listed with the lowest responsive and responsible Bidder. These unit or incremental prices shall be the installed price including all costs to the City such as, by way of illustration and not limitation, materials, labor, equipment, fees, taxes, insurance, bonding, overhead, profit or other such items.) Bidders shall indicate costs below or provide Bid Form Supplement - alternate Prices (Document 004322 - Unit Prices Form)

1.6 TIME OF COMPLETION/LIQUIDATED DAMAGES

- A. TIME OF COMPLETION: If notified of the acceptance of the Bid or any Alternate Bids within thirty (30) days after the date fixed for opening of the Bids, the undersigned agrees to execute and deliver the specified contract and contractor's bonds within ten (10) days. The undersigned agrees, if awarded the contract within thirty (30) days from the date fixed for opening of bids, will commence the work required by the CONTRACT DOCUMENTS within TEN (10) calendar days after the date of the NOTICE TO PROCEED and will complete faithfully and properly the work no later than sixty (60) calendar days which is subject to product availability from the date of commencement (NTP, Notice to Proceed), or unless the period of completion is extended otherwise by the CONTRACT DOCUMENTS; all work consistent with the best interest of the Owner, the safety of the public and in accordance with first-class workmanship.

B. LIQUIDATED DAMAGES: Should the Contractor fail to substantially complete the work under this contract within the stipulated time as he has set forth in "Time of Completion" paragraph above, plus any additional days that may result from extension of time granted by the Engineer, he agrees that the Owner may retain the sum of \$500.00 per day for each succeeding calendar day that the Owner is deprived of full use of any or all phases of the project. This amount is agreed upon as a reasonable and proper measure of Liquidated Damages which the Owner sustains per day by failure of the contractor to complete the work within the time stipulated; it being recognized by the Owner, the Contractor, and the Engineer that the injury to the Owner which could result from failure by the contractor to complete on schedule is uncertain and insusceptible to certain computation, and this sum is not to be construed in any sense as a penalty.

1.7 ACKNOWLEDGEMENT OF ADDENDA

A. The undersigned Bidder acknowledges receipt of and use of the following Addenda in the preparation of this Bid:

Addendum No. 1, dated _____.

Addendum No. 2, dated _____.

Addendum No. 3, dated _____.

Addendum No. 4, dated _____.

1.8 BID SUPPLEMENTS

A. The following supplements are a part of this Bid Form and are attached hereto.

Bid Form Supplement - Unit Prices.

Bid Form Supplement - Allowances.

Bid Form Supplement - Bid Bond Form (AIA Document A310).

Bid Form Supplement - Local Vendor Preference

Bid Form Supplement - Bid Bond OR a certified check for the amount required.

Bid Form Supplement - Bidder's Representation.

Bid Form Supplement - Non-collusion Affidavit of Prime Bidder.

Bid Form Supplement - Statement of Experience of the Bidder.

Bid Form Supplement - Project Superintendence.

1.10 CONTRACTOR'S LICENSE

A. The undersigned further states that it is a duly licensed contractor, for the type of work proposed, in Myrtle Beach, South Carolina, and that all fees, permits, etc., pursuant to submitting this proposal have been paid in full.

UPGRADES TO TRANSFER SEWAGE PUMP STATION
ENGINEER PROJECT NUMBER 21018E

1.10 SUBMISSION OF BID

- A. Respectfully submitted this ____ day of _____, 2021.
- B. Submitted By _____(Name of bidding firm or corporation).
- C. Authorized Signature: _____(Handwritten signature).
- D. Signed By: _____(Type or print name).
- E. Title: _____(Owner/Partner/President/Vice President).
- F. Witness By: _____(Handwritten signature).
- G. Attest: _____(Handwritten signature).
- H. By: _____(Type or print name).
- I. Title: _____(Corporate Secretary or Assistant Secretary).
- J. Street Address: _____.
- K. City, State, Zip _____.
- L. Phone: _____.
- M. License No.: _____.
- N. Federal ID No.: _____(Affix Corporate Seal Here).

END OF DOCUMENT 004113

UPGRADES TO TRANSFER SEWAGE PUMP STATION
ENGINEER PROJECT NUMBER 21018E

DOCUMENT 004322 - UNIT PRICES FORM

1.1 BID INFORMATION

- A. Bidder: _____.
- B. Project Name: Upgrades to Transfer Sewage Pump Station.
- C. Owner: The City of Myrtle Beach.
- D. Engineer: DDC Engineers.
- E. Engineer Project Number: 21018E

1.2 BID FORM SUPPLEMENT

- A. This form is required to be attached to the Bid Form.
- B. The project is a unit price contract.

1.3 UNIT PRICES

Item	Description	Engr's Est.	Unit	Unit Price	Amount
1.	Mobilization	1	LS	\$	\$
2.	Duplex Sewage Bypass Pumping System Complete, Pump, Force Main Connection, Piping, System Controls, Plus a Backup Pump, etc. (quiet pumps), if needed	1	LS	\$	\$
3.	Erosion Control	1	LS	\$	\$
4.	Demolition of Existing Pump Station and Removal of Existing 4" Pumps, wetwell and all wetwell components.	1	LS	\$	\$
5.	Remove Existing Pumps and Equipment, etc. to be Salvaged and Delivered to The City of Myrtle Beach	1	LS	\$	\$
6.	Furnish and Install New 6' Diameter Wetwell with Wetwell Lining System	1	LS	\$	\$
7.	Furnish and Install Duplex Flygt Submersible Pumps with Motors Complete	1	LS	\$	\$
8.	Furnish and Install a 4" DIP Discharge Pipe Complete (from Top of Pumps Through Valve Vault)	1	LS	\$	\$

UPGRADES TO TRANSFER SEWAGE PUMP STATION
ENGINEER PROJECT NUMBER 21018E

Item	Description	Engr's Est.	Unit	Unit Price	Amount
9.	Valve Vault Complete Includes 4" Check Valves, 4" Plug Valves and 4" Dresser Couplings	1	LS	\$	\$
10.	Install Control Panel Complete	1	LS	\$	\$
11.	Install Electrical Service Complete	1	LS	\$	\$
12.	Pump Station Water Service Complete with 2" Post Hydrant	1	LS	\$	\$
13.	Restrain Existing 4" PVC Force Main	1	LS	\$	\$
14.	4" MJ Plug Valve with Box not including valve pit	3	EA	\$	\$
15.	4" MJ 45° Bend Restrained	7	EA	\$	\$
16.	4" x 4" MJ Tee 90° Bend Restrained	3	EA	\$	\$
17.	4" MJ 90° Bend Restrained	5	EA	\$	\$
18.	Proposed 8" SDR35 PVC Gravity Sewer Line	239	LF	\$	\$
19.	8" C-900 DR-18 PVC Manhole Drop Complete with Tee	1	EA	\$	\$
20.	8" C-900 DR-18 PVC Manhole Drop Complete with Wye	1	EA	\$	\$
21.	Rehab of Existing Manholes Lining System	7	EA	\$	\$
22.	4" Magnetic Meter with Vault Complete (Includes 4" Dresser Coupling Controller all Wiring to Control Panel and Power Service to Meter) Mount Mag Meter Output Controller in Control Panel	1	LS	\$	\$
23.	Furnish and Install Pump Station Back-up Float System	1	EA	\$	\$
24.	Furnish and Install a ¾" Schedule 80 PVC Airline and Air Bell System	1	EA	\$	\$
25.	4" #57 Stone with Filter Fabric on Pump Station Site	230	SY	\$	\$
26.	Emergency Pump Connect Complete (Included 4" x 6" Reducer, 6" Plug Valve bends, Piping and Slab)	1	LS	\$	\$
27.	Connection into Existing 4" PVC Force Main	1	EA	\$	\$
28.	6' High chain link Fence	95	LF	\$	\$

UPGRADES TO TRANSFER SEWAGE PUMP STATION
ENGINEER PROJECT NUMBER 21018E

Item	Description	Engr's Est.	Unit	Unit Price	Amount
29.	Suction Pump Connection Complete	1	LS	\$	\$
30.	JIB Crane and Foundation	1	EA	\$	\$
31.	2" PVC Water Line	93	LF	\$	\$
32.	6"x 2" Tapping Sleeve & Valve w/Box	1	EA	\$	\$
33.	4" MJ 11.25° Bends Restrained	1	EA	\$	\$
34.	2" Double Check Detector Valve	1	EA	\$	\$
35.	Seeding	840	SY	\$	\$
36.	4" Engine Driven Pump CD130M Dri-Prime Pump Complete with Concrete Pad	1	LS	\$	\$
37.	4" Engine Pump Suction Piping from Pump to Wetwell	1	LS	\$	\$
38.	Flowable Fill	1	LS	\$	\$
39.	Remove existing 8" GS Line	70	LF	\$	\$
40.	4" Caps	2	EA	\$	\$
41.	Remove existing Generator & Fuel Tank	1	LS	\$	\$
42.	Reroute existing Sewer Service	1	LS	\$	\$
43.	Furnish and install 4' diameter Sewer Manholes with Rim & Cover (all Manholes to be coated)	5	EA	\$	\$
44.	18" Corrugated Plastic Pipe	260	LF	\$	\$
45.	Remove 18" CMP	252	LF	\$	\$
46.	Fine Grading	1	LS	\$	\$
47.	3x3 Catch Basin with Frame & Grate	3	EA	\$	\$
48.	E/C/T Conduit	1	LS	\$	\$
49.	Tree & Stump Removal	1	LS	\$	\$
50.	4" C900 DR-25 PVC Force Main	100	LF	\$	\$
51.	6" GABC Driveway	130	SY	\$	\$
52.	Miscellaneous Imported Fill	170	CY	\$	\$
53.	Doghouse Manhole to be Lined	1	EA	\$	\$

