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Solicitation Addendum

Addendum No.: 6
Solicitation No.: 20-TA003307BB
Solicitation Title: Palmetto Point Water Main Replacement
Addendum Date: June 1, 2020
Procurement Contact: Brooke Baker

20-TA003307BB is amended as set forth herein. Responses to questions posed by prospective bidders are provided below. This addendum is hereby incorporated in and made a part of IFBC No. 20-TA003307BB.

REPLACE:

APPENDIX J, BID PRICING FORM

Replace Appendix J, Bid Pricing Form with the revised Appendix J, Bid Pricing Form issued with this Addendum No. 6.

Bidders shall use the revised Appendix J, Bid Pricing Form issued with this Addendum No. 6 for Bid submittal.

QUESTIONS AND RESPONSES:

- Q1. Reference Addendum No. 4, Question 33: Manatee County doesn't use steel pipe for long side services – the detail within the Plans, UW-19 on Sheet 119, states SDR21 PVC for the casing. This would be a giant waste of money if the County wants steel pipe for the casing.**
- R1. The response to Question 33 on Addendum No. 4 shall be replaced with the following response: "SDR21 PVC may be utilized in accordance with UW-19. Alternatively, the use of HDPE may also be considered an acceptable substitute for SDR21 PVC."
- Q2. Reference Addendum No. 4, Question 45: This question was answered wrong or the Bid Form needs to change. Currently the Bid Form has the components for the hydrants listed separately with their own pay items and the Addendum states to include these items within the hydrant assembly pay item. For example, the Bid Form states there are ninety-four (94) 6" gate valves and that is not accurate. There are sixty (60+/-) individual 6" gate valves, then another**

thirty-one (31) associated for the hydrants. This also applies to the misc. tee's. Two problems arise from this if nothing changes, (1) Contractors will unbalance their bids to accommodate the County bid form error; (2) The County will absorb a lot of extra material at the conclusion of the project that will not be returnable – approx. \$25,000 worth of items alone pertaining to this issue.

- R2. The quantity of six-inch gate valves has been updated on the Bid Form. Please note that six-inch gate valves associated with Fire Hydrant Assemblies are quantified separate.
- Q3. Regarding the services, please confirm, it appears the County wants the Contractor to simply reconnect the existing meters to the new poly with a coupling outside of the existing meter box, thus eliminating the need for a new meter setter and meter box.**
- R3. The existing potable water meters have been determined to be in good condition and shall remain in-place and service re-established to the new service connection.
- Q4. Reference Addendum No. 4, Questions 18, 19, and 20: These deal with the road base issue, Bid Item #57 is not for full concrete base, it is now for Misc. Restoration and cleanup. This is very confusing, please clarify.**
- R4. Bid Item #57 has been revised to Miscellaneous Clean-up and Restoration and we lament any confusion this may have posed.
- Q5. Bid Item #54: Is for Asphalt Road Structure. The detail UG-12 for Asphalt Road indicates a crushed concrete base. Please clarify what type of base is required and provide a bid item and related quantities for each type of base desired. We cannot include random unknown quantity of concrete base as part of a miscellaneous lump sum pay item. Asphalt and related base material remain very confusing and ambiguous. Please clarify both as needed.**
- R5. Bid Item #54 is offered to completely remediate and restore the roadway structure impacted by the proposed utility improvements and note 8 on UG-12 informs that the crushed concrete base shall be a minimum of 8-inches thick. The crushed concrete base shall be obtained from an approved FDOT supplier. Additional roadway restoration bid items are not proposed.
- Q6. Bid Item #54: F&I Asphalt Concrete Roadway Structure – 2,246 Ton - Does the quantity refer to the weight of asphalt only and the base is incidental? Or is the weight of the base to be quantified and included as well?**
- R6. Bid Item #54 measurement units are specific to the weight of asphalt only. This bid item shall include any and all materials and construction activities required for the complete restoration of the roadway as required per UG-12 and associated standard details.
- Q7. Reference Addendum No. 4, Question 33: HDPE casing pipe for long side services has been the preferred material by the County. Steel casings are extremely expensive and do not allow for the flexibility needed to drill the short distances required for the long side services. Please reconsider and allow for HDPE casing pipe.**

- R7. HDPE will be considered an acceptable substitute to SDR21 PVC as noted in this Addendum No. 6 in R1.
- Q8. The concrete base Bid Item #56 has been revised to Sodding. Please clarify the concrete base item. The Contractors need an established, separate pay item with quantities as needed for this work.**
- R8. The concrete base Bid Item #56 has been removed and was a contingency item not specific to a plan call-out.
- Q9. Reference Addendum No. 4, Questions 83, 101, 102, 104, 105, 108, 116, 117, and 118: These questions state that the Bid Form has been updated. The Bid Form remains unchanged and requires updating as indicated. Please address these as needed.**
- R9. Several Bid Form quantities have been updated. Please note that Bid Form quantities are approximate and may not be inclusive of all materials required for the completion of the work. Contractors are encouraged to quantify the materials required to meet the intent of the project.
- Q10. Reference Addendum No. 4, Question 120: The items identified in this question require much more attention. The Bid Form has not been updated for all the work items as indicated. Please address as needed.**
- R10. Question 120 on Addendum No. 4 references Bid Item No. 58: The Bid Form does not include a Bid Item No. 58.
- Q11. Please be advised the existing double services are most likely 1-1/2" and the detail provided states 1". Manatee County changed their double service standard in 2010 that changed the size from 1-1/2" to 1" for double services. They need a pay item for 1-1/2" double service reconnects if those services are older than 2010.**
- R11. It is the County's understanding that the services are one (1) inch in diameter.
- Q12. Reference Addendum No. 4, Bid Attachment 6, Contract Documents for Palmetto Point Water Main Replacement, Section 01150, Measurement and Payment, page 14/496, Bid Item: Pavement Repair and Road Restoration, first paragraph, which one of these bid items, 53 or 54, are we to allocate the costs for base and sub-base in? Why not add a bid item for base and sub-base work as was asked for previously?**
- R12. Bid Item No. 53 is offered to accommodate roadway restoration by means of mill and resurface and is not intended for full-depth restoration. Bid Item No. 54 shall include the cost for a full-depth restoration and thus the base cost, among others, shall be included in Bid Item No. 54.
- Q13. Reference Addendum No. 4, Bid Attachment 6, Contract Documents for Palmetto Point Water Main Replacement, Section 01150, Measurement and Payment, page 14/496, Bid Item: Pavement Repair and Road Restoration, third paragraph, this paragraph tells us to include costs for pavement markings, reflective pavement markers, curb, signage and anything else if need be for bid items 53 and 54, in the first place, if the County wants these items of work performed they should add bid items for them as at this time,**

having just received the addendum with these new changes, we do not have time to quantify these items, get sub-contractors to give us pricing and still make the bid due date and besides we do not know which one of the bid items to assign these costs to as the Measurement and Payment does not tell us. Please delete this paragraph or add bid items for the work.

R13. It is the intent of Bid Items 53 and 54 to accommodate the roadway restoration cost associated with a Mill and Resurface operation as well as full depth restoration, respectively. All materials and construction activities necessary for the complete restoration of the roadway shall be included in the applicable restoration Bid Item. The quantity of miscellaneous roadway infrastructure to be restored is dependent, in part, on the construction methodologies and type of equipment employed by the Contractor and additional restoration Bid Items have not been added.

Q14. Reference Addendum No. 4, Bid Attachment 6, Contract Documents for Palmetto Point Water Main Replacement, Section 01150, Measurement and Payment, page 12/496, Bid Item: Water Service/Meter Reconnections, Furnish & Install, first paragraph, this paragraph does not give us enough information, what components is the County looking for the Contractor to provide to make the reconnection, several answers to some of the questions asked and responded to in this addendum tell us the existing meters will remain in place, at what point are we reconnecting to? Are we to provide a new meter resetter and meter box and reinstall existing meter?

R14. Bid Item No. 41 shall include all materials and construction activities for the complete reconnection of the new service connection to the existing meter assembly. The Bid Item shall include all accoutrements from to, and including, the curb stop to the new service connection. The existing meter and meter box shall remain in-place.

Q15. Reference Addendum No. 4, Questions and Responses, Page 4, Q9 and R9: Typically the manufacturers do not give recommendations for connecting to dissimilar pipe types and Manatee County's field inspection department have only allowed dissimilar pipe type connections to be made using mechanical joint sleeves, the detail referenced in Q9 does not conform to what Manatee County's field inspectors require, please confirm if we are to connect dissimilar pipe types using mechanical joint sleeves.

R15. Mechanical joint sleeves are not required for all joining of dissimilar pipe material.

Q16. Reference Addendum No. 4, Questions and Responses, Page 7, Q33 and R33: Steel casings are not what Manatee County requires for casing material for long side water services and directional drilling steel pipe will not work, please allow the use of HDPE blue pipe for long side water service casing material.

R16. The use of HDPE may be considered an acceptable substitute for SDR21 PVC.

Q17. Reference Addendum No. 4, Questions and Responses, Page 7, Q37 and R37: Please provide the ground rules for tree replacement. For example, if the tree has a 12-inch diameter how many trees of the same type and what caliper diameter will they have to be in order to accommodate the one removed?

- R17. Trees shall be preserved unless otherwise designed by the County. Tree replacement, as designed by the County, will recommend the total caliper inches be maintained and four-inch minimum diameter replacement trees be proposed.
- Q18. Reference Addendum No. 4, Questions and Responses, Page 7, Q38 and R38: Typically the manufacturers do not give recommendations for connecting to dissimilar pipe types and Manatee County's field inspection department have only allowed dissimilar pipe type connections to be made using mechanical joint sleeves, the detail referenced in Q38 does not conform to what Manatee County's field inspectors require, please confirm if we are to connect dissimilar pipe types using mechanical joint sleeves.**
- R18. Mechanical joint sleeves are not required for all joining of dissimilar pipe material
- Q19. Reference Addendum No. 4, Questions and Responses, Page 9, Q57 and R57: If the utility records are available why are they not shown on the documents we are bidding the job by? Please provide existing utility information.**
- R19. The construction drawings present the disposition of the existing utility infrastructure.
- Q20. Reference Addendum No. 4, Questions and Responses, Pages 9 and 10, Q59 and R59: If it is "recommended" the long side services be directional drilled, what if field conditions are not conducive to directional drilling and the long side services have to be installed by open cut, how will the Contractor be reimbursed for roadway restoration and any milling of asphalt surface as a result?**
- R20. All roadway restoration associated with installation of the service connections, including open cut installations, shall be included in the service connection Bid Item.
- Q21. Reference Addendum No. 4, Questions and Responses, Page 13, Q92 and R92: If the County wants stop bars at the intersections where there are none, then add a bid item for them, we should not have to analyze and quantify work that is non-existent.**
- R21. The roadway stripping shall be restored to existing condition and as required by Manatee County standards. Additional stripping enhancements are not intended.
- Q22. Reference Addendum No. 4, Questions and Responses, Page 13, Q93 and R93: It appears from the plans that tees and valves at hydrant locations are called out separately and give the impression that those materials will be paid for separately and would not be included in the cost for the fire hydrant, please review and reconfirm what is to be included in cost for hydrant assembly.**
- R22. The Fire Hydrant Assembly shall include all materials included in UW-5 from the water main to the fire hydrant. The Fire Hydrant Assembly includes the hydrant/valve tee, gate valve, and all other accoutrements presented in UW-5.
- Q23. Reference Addendum No. 4, Questions and Responses, Page 15, Questions 116, Q117, and Q118, Responses 116, 117, and 118, the response for each of these states the Bid Form has been updated, the new Bid Form still has the same bid**

quantity as the original Bid Form and nothing has been updated, please update the Bid Form.

R23. The Bid Form quantities for Bid Items 43, 44, and 45 have been updated.

Q24. Reference Addendum No. 4, Questions and Responses, Page 16, Q20 and R20: If the Bid Form would have been updated as the response so indicates then there would be no need to bring this up, but the Bid Form was not updated and there is still the issue of replacing the items referenced in the original question, we ask that the Bid Form be updated to expand the scope of work to include compensating the Contractor for the items addressed in the original question.

R24. Q20 on Addendum No. 4 references the Full Concrete Base Bid Item of which has been deleted.

Q25. Reference Addendum No. 4, Response 33: This calls for Steel Casing for the Long Water Services under roadway. However, Detail UW-19 on Sheet 119 calls for 2" SDR 21 PVC Casing for roadway crossings and changing it to a steel casing unnecessarily increases the bid by more than \$20,000. Please change casing requirements back to Detail UW-19 requirements.

R25. SDR21 PVC may be utilized in accordance with UW-19. Alternatively, the use of HDPE may also be considered an acceptable substitute for SDR21 PVC.

NOTE: Items that are ~~struck through~~ are deleted. Items that are underlined have been added or changed. All other terms and conditions remain as stated in the IFBC.

END OF ADDENDUM

INSTRUCTIONS:

Receipt of this addendum must be acknowledged as instructed in the solicitation document. Failure to acknowledge receipt of this Addendum may result in the response being deemed non-responsive.

AUTHORIZED FOR RELEASE

APPENDIX J, BID PRICING FORM - REVISED ADDENDUM NO. 6
IFBC NO. 20-TA003307BB
PALMETTO POINT WATER MAIN REPLACEMENT
BASED ON A COMPLETION TIME OF 548 CALENDAR DAYS

ITEM NO.	DESCRIPTION	QTY	U/M	UNIT PRICE	EXTENDED PRICE (UNIT PRICE X QTY)
1	MOBILIZATION, DEMOBILIZATION, BONDS, AND PERMITS	1	LS		
2	MAINTENANCE OF TRAFFIC AND PEDESTRIAN SAFETY	1	LS		
3	EROSION AND SEDIMENTATION CONTROL	1	LS		
4	UTILITY PIPE, PLUG & PLACE OUT OF SERVICE	25,678	LF		
5	UTILITY PIPE- POLY VINYL CHLORIDE (HDD), FURNISH & INSTALL, WATER, 6"	290	LF		
6	UTILITY PIPE- POLY VINYL CHLORIDE, FURNISH & INSTALL, WATER, 4"	3,063	LF		
7	UTILITY PIPE- POLY VINYL CHLORIDE, FURNISH & INSTALL, WATER, 6"	18,924	LF		
8	UTILITY PIPE- POLY VINYL CHLORIDE, FURNISH & INSTALL, WATER, 8"	207	LF		
9	UTILITY PIPE- POLY VINYL CHLORIDE, FURNISH & INSTALL, WATER, 10"	235	LF		
10	UTILITY PIPE- POLY VINYL CHLORIDE, FURNISH & INSTALL, WATER, 12"	297	LF		
11	UTILITY PIPE- DUCTILE IRON/CAST IRON, FURNISH & INSTALL, WATER, 4"	164	LF		
12	UTILITY PIPE- DUCTILE IRON/CAST IRON, FURNISH & INSTALL, WATER, 6"	2,980	LF		
13	UTILITY PIPE- DUCTILE IRON/CAST IRON, FURNISH & INSTALL, WATER, 8"	26	LF		
14	UTILITY PIPE- DUCTILE IRON/CAST IRON, FURNISH & INSTALL, WATER, 10"	37	LF		
15	UTILITY PIPE- DUCTILE IRON/CAST IRON, FURNISH & INSTALL, WATER, 12"	58	LF		
16	UTILITY FITTINGS, DUCTILE IRON/CAST IRON, FURNISH & INSTALL 11¼° ELBOW, 4"	1	EA		
17	UTILITY FITTINGS, DUCTILE IRON/CAST IRON, FURNISH & INSTALL 22½° ELBOW, 4"	3	EA		
18	UTILITY FITTINGS, DUCTILE IRON/CAST IRON, FURNISH & INSTALL 45° ELBOW, 4"	9	EA		
19	UTILITY FITTINGS, DUCTILE IRON/CAST IRON, FURNISH & INSTALL 90° ELBOW, 4"	4	EA		
20	UTILITY FITTINGS, DUCTILE IRON/CAST IRON, FURNISH & INSTALL 11¼° ELBOW, 6"	13	EA		
21	UTILITY FITTINGS, DUCTILE IRON/CAST IRON, FURNISH & INSTALL 22½° ELBOW, 6"	9	EA		
22	UTILITY FITTINGS, DUCTILE IRON/CAST IRON, FURNISH & INSTALL 45° ELBOW, 6"	158	EA		
23	UTILITY FITTINGS, DUCTILE IRON/CAST IRON, FURNISH & INSTALL 90° ELBOW, 6"	6	EA		
24	UTILITY FITTINGS, DUCTILE IRON/CAST IRON, FURNISH & INSTALL 45° ELBOW, 8"	4	EA		
25	UTILITY FITTINGS, DUCTILE IRON/CAST IRON, FURNISH & INSTALL 11¼° ELBOW, 12"	2	EA		
26	UTILITY FITTINGS, DUCTILE IRON/CAST IRON, FURNISH & INSTALL TEE, 6"x4"	6	EA		
27	UTILITY FITTINGS, DUCTILE IRON/CAST IRON, FURNISH & INSTALL TEE, 6"x6"	74	EA		
28	UTILITY FITTINGS, DUCTILE IRON/CAST IRON, FURNISH & INSTALL TEE, 8"x6"	1	EA		
29	UTILITY FITTINGS, DUCTILE IRON/CAST IRON, FURNISH & INSTALL TEE, 10"x6"	1	EA		
30	UTILITY FITTINGS, DUCTILE IRON/CAST IRON, FURNISH & INSTALL TEE, 12"x6"	1	EA		
31	UTILITY FITTINGS, DUCTILE IRON/CAST IRON, FURNISH & INSTALL TEE, 12"x10"	1	EA		
32	UTILITY FITTINGS, DUCTILE IRON/CAST IRON, FURNISH & INSTALL TAPPING SLEEVE AND VALVE, 16"x12"	1	EA		
33	UTILITY FITTINGS, DUCTILE IRON/CAST IRON, FURNISH & INSTALL REDUCER, 4"x2"	1	EA		
34	UTILITY FITTINGS, DUCTILE IRON/CAST IRON, FURNISH & INSTALL REDUCER, 6"x4"	2	EA		
35	UTILITY FITTINGS, DUCTILE IRON/CAST IRON, FURNISH & INSTALL REDUCER, 8"x6" and 10" x 8"	2	EA		
36	UTILITY FITTINGS, DUCTILE IRON/CAST IRON, FURNISH & INSTALL REDUCER, 12"x4" and 12" x 6"	2	EA		
37	UTILITY FIXTURE, GATE VALVE ASSEMBLY, FURNISH & INSTALL, 4"	8	EA		
38	UTILITY FIXTURE, GATE VALVE ASSEMBLY, FURNISH & INSTALL, 6"	64	EA		
39	UTILITY FIXTURE, GATE VALVE ASSEMBLY, FURNISH & INSTALL, 10"	1	EA		
40	UTILITY FIXTURE, GATE VALVE ASSEMBLY, FURNISH & INSTALL, 12"	1	EA		
41	WATER SERVICE/METER RECONNECTION	354	EA		
42	UTILITY FIXTURE, HYDRANT ASSEMBLY, FURNISH & INSTALL	29	EA		
43	SHORT WATER SERVICE CONNECTION, POLYETHYLENE, FURNISH & INSTALL, 1"	148	EA		
44	LONG WATER SERVICE CONNECTION, POLYETHYLENE, FURNISH & INSTALL, 1"	137	EA		
45	UTILITY FIXTURE, AIR RELEASE VALVE ASSEMBLY, FURNISH & INSTALL	10	EA		

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 PALMETTO POINT WATER MAIN REPLACEMENT
 BASED ON A COMPLETION TIME OF 548 CALENDAR DAYS

ITEM NO.	DESCRIPTION	QTY	U/M	UNIT PRICE	EXTENDED PRICE (UNIT PRICE X QTY)
46	UTILITY FIXTURE, DUCTILE IRON/CAST IRON, FURNISH & INSTALL, UNION, 2"	1	EA		
47	UTILITY FIXTURE, DUCTILE IRON/CAST IRON, FURNISH & INSTALL, UNION, 6"	26	EA		
48	UTILITY FIXTURE, DUCTILE IRON/CAST IRON, FURNISH & INSTALL, UNION, 8"	1	EA		
49	UTILITY FIXTURE, DUCTILE IRON/CAST IRON, FURNISH & INSTALL, CAP/PLUG, 2"	1	EA		
50	UTILITY FIXTURE, DUCTILE IRON/CAST IRON, FURNISH & INSTALL, CAP/PLUG, 4"	1	EA		
51	UTILITY FIXTURE, DUCTILE IRON/CAST IRON, FURNISH & INSTALL, CAP/PLUG, 6"	26	EA		
52	UTILITY FIXTURE, DUCTILE IRON/CAST IRON, FURNISH & INSTALL, CAP/PLUG, 8"	1	EA		
53	MILL AND RESURFACE EXISTING ASPHALT PAVEMENT	22,636	SY		
54	F&I ASPHALTIC CONCRETE ROADWAY STRUCTURE	2,246	TN		
55	DRIVEWAY RESTORATION/REPLACEMENT	2,255	SY		
56	SODDING	29,500	SY		
57	MISCELLANEOUS CLEAN-UP AND RESTORATION	1	LS		
Total Base Bid					
Contract Contingency (10% of Total Base Bid)					
Total Bid with Contract Contingency (Total Base Bid + Contract Contingency)					