

DUNES CLUB #1 PUMP STATION

Bid #19 80023

DDC Engineers Inc.

From: Eric Sanford

ADDENDUM NO. 4 – September 07, 2018

This Addendum forms a part of the Bidding Documents and modifies the original Bidding Documents, dated August 2018, Bid Date Tuesday, September 11, 2018 at 11:00 am.

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.

- 1.0 What is procedure for pretesting the pump station and new bypass pump with regards to a drawdown test? I think we will need to be connected to the existing 6" FM in order to do these and if so then the connection would need to be modified to merge new and existing operations simultaneously. We have attached a basic sketch for this and request your approval or comments as a possible solution for this issue?

Response - Yes, the contractor will be required to make an existing force main connection as the attached sketch shows in order to pre-test the pump station. The attached sketch is an acceptable method but may change some depending on the locations of the existing and proposed equipment.

- 2.0 Can the Meter Vault location be shifted to miss the existing 6" FM as shown on the attached sketch? The current location shown is over the existing 6" FM.

Response - Yes the meter vault can be shifted around on the site as needed to miss the existing 6" force main or any other obstructions.

- 3.0 Can we configure a temporary connection for the temporary bypass pumps to the existing 6" FM as shown on attached sketch?

Response - Yes, that would be an acceptable method.

- 4.0 How much time could the existing pumps be turned off during the day in order to cut the existing 6" FM and install a connection for the proposed improvements? If less than 1.5 hours can we make this connection at night?

Response - It is estimated that the pumps can be shut down for 2 hours plus. If not, yes it can be done at night.

- 5.0 Are there other manifolds into the existing 6" FM downstream that would create any back pressure for the cut-in tie-in which would also need be turned off? Does the existing 6" FM have an open discharge into a manhole or wetwell and what is the length of the existing 6" FM?

Response - Yes, there is one other pump station (Dixie Stampede) that is a tie-in downstream and yes, it will need to be turned off during the tie-in. The 6" PVC force main increases to an 8" force main at the Dixie Stampede force main tie-in and then the 8" force main runs to the 82nd Avenue North pump station where it dumps to gravity. (There is approximately 2,300 LF of 6" PVC force main and 3,450 LF of 8" PVC force main)

- 6.0 Can we get Operational Approval and place the New PS in operation along with the new bypass pump before completing the existing wetwell restoration and demo?

Response - There is a good possibility that we can get Operational Approval prior to completing the existing wetwell rehabilitation. To ensure this the new wetwell, pumps and controls will have to be completed and tested prior to releasing sewer into the new wetwell.

- 7.0 Are we only placing a 2" Asphalt Resurfacing Surface Course over the cul-de-sac, Loblolly Ct. approach and Club Drive? The 6" GABC and 2" Asphalt denoted by the arrow on Sht. 5 is only meant for the area at the PS and gates only correct? Is the milling on Club Drive intended to be the last 7 - 10 ft. at the tie-in points? We would expect to repair the asphalt cuts per the other details.

Response - Everything will be overlaid with 2" inches of asphalt from the milled areas on Club Drive and down Loblolly Circle. The only thing that is to be milled will be the tie-in points. Asphalt cuts will be repaired per the details.

- 8.0 The Drop Manhole detail on Sht. 9 shows DIP but the Bid and details on Sht. 7 show PVC DR18. Should we ignore the Sht. 9 detail?

Response - Yes, please use PVC DR18 for all drops. Also, disregard the drop detail on Sheet 9 of the construction plans.

- 9.0 *This project is being funded by the City of Myrtle Beach. AIS are not requirement on this project.*

- 10.0 Would you please provide clarification about Note 15, on sheet 8: Will the City purchase and install the "Pump Condition Cell Phone Transmitter"?

Response - No, it will be the Contractor's responsibility to purchase the cell phone transmitter. The City will be installing the cell phone transmitter.

- 11.0 Enclosed circuit breaker does not indicate size/phase/voltage. Rating is Nema 4X.

Response - The station will be 3 phase, 230 volts and the main breaker will be sized to run two (2) 10 horsepower motors plus appurtenances.

- 12.0 Double throw transfer switch does not indicate size/phase/voltage. Rating in near 3R.

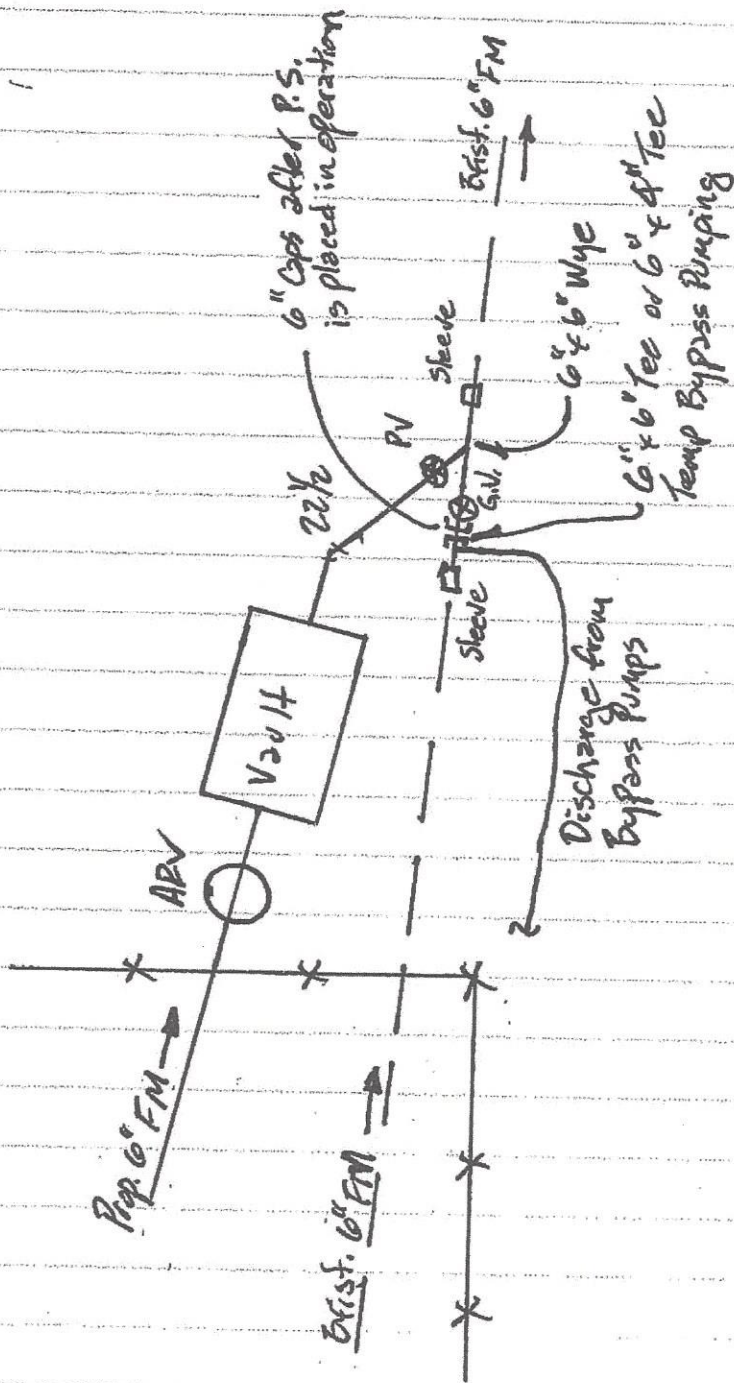
Response - Because the station is going to have a permanent emergency back-up pump on site there will be no transfer switch.

- 13.0 Both double throw switch and the enclosed circuit breaker are installed side by side. I would assume both to have the same rating, either N3R or N4X. Please confirm rating on both.

Response- Both N4X.

END OF ADDENDUM FOUR

Dunes Club P.S. #1



Connections for Proposed & Temporary
Force Main Operations