



CITY OF NORTH PORT
 FINANCE DEPARTMENT/PURCHASING DIVISION
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 NORTH PORT, FLORIDA 34286
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 Fax: 941.429.7173
 Email: purchasing@cityofnorthport.com



AWARD RECOMMENDATION

To: Rick Newkirk, Utilities Director
 Thru: Jennifer Rogers, Utilities Engineer
 From: Alla V. Skipper, Senior Contract Specialist
 Date: 1/28/16
 Subject: RFB NO. 2016-33 ASR TEMPORARY FACILITIES FOR CYCLE TEST 5

Bid opening was held on January 26, 2016, two (2) bids were received from:

1. Douglas N. Higgins, Inc. of Ann Arbor, Michigan
2. Florida Design Contractors, Inc. of Lake Park, Florida

Please review all of the submittals, copies provided to Jennifer Rogers. Purchasing has reviewed the two (2) bid submittals and has determined the apparent low bidder, Florida Design contractors, Inc. to be responsive (see attached tabulation). The Project Manager/Consultant is responsible for reviewing the submittal to determine if the bidder is responsible. Please complete and sign the form below and attach your recommendation along with the recommendation of Project Manager/Consultant for Purchasing Manager's and Finance Director's approval. Upon receipt of this form, I will initiate the contract process with the City Attorney and the Bidder.

	APPARENT LOW BIDDERS SUBMITTAL:	APPARENT LOW BIDDER SUBMITTAL		
		YES	NO	N/A or OTHER
	Florida Design Contractors, Inc. 1326 So. Killian Drive Lake Park, Florida 33403 561.845.1233 (Phone) 561.848.5992 (Fax) tclarke@floridadesigncontractors.com			
1	Procurement reviewed and determined the apparent low bidder to be responsive: Florida Design Contractors, Inc. 1326 So. Killian Drive Lake Park, Florida 33403 561.845.1233 (Phone) 561.848.5992 (Fax) tclarke@floridadesigncontractors.com	✓		

2	Project Manager/Engineer reviewed and determined the apparent low bidder to be responsible bidder meeting or exceeding specifications: Florida Design Contractors, Inc. 1326 So. Killian Drive Lake Park, Florida 33403 561.845.1233 (Phone) 561.848.5992 (Fax) <u>tclarke@floridadesigncontractors.com</u>	✓		
3	Department Director recommendation: to the lowest responsive, responsible bidder meeting or exceeding specifications: Florida Design Contractors, Inc. 1326 So. Killian Drive Lake Park, Florida 33403 561.845.1233 (Phone) 561.848.5992 (Fax) <u>tclarke@floridadesigncontractors.com</u>	✓		

DEPARTMENT: ADDITIONAL JUSTIFICATION ATTACHED (OPTIONAL):

YES	NO
✓	

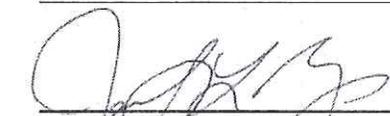
Contract Award to be approved by Commission at the 2/9/2016 or 2/23/2016 meeting:

TOTAL BID PRICE	\$ 333,0000
CONTINGENCY AMOUNT	\$ 33,300

Recommend award to bidder other than low bidder:

Firm name: _____

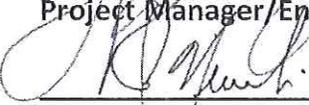
For Reasons Listed Below: _____



 Project Manager/Engineer

1/28/16

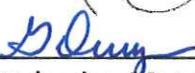
 Date



 Rick Newkirk, Utilities Director

1-27-16

 Date



 Purchasing Manager

2/1/16

 Date



 Peter D. Lear, Finance Director

2/1/16

 Date

AWARD RECOMMENDATION – ADDITIONAL INFORMATION

Although the bids for this project came in much higher than anticipated, Utilities recommends continuing with the project based on the following:

- Construction costs have increased significantly over the past year and this is being seen throughout the region. It appears that the number of new construction projects in our local area has increased, while manpower remains limited, and that is being reflected in increased costs for construction.
- The Engineer of Record for this project, Cardno, provided an explanation of the variances between their Engineers Opinion of Probable Cost (EOPC) and the bids received for the project (attached). The revised EOPC was increased; however, the variance between the revised EOPC and bids is still significant. What may be more supportive of the bid amounts is the fact that the two bids are within \$11,000 of each other. Generally, when bids are within a close percentage of each other, this can be considered supportive of the bid amounts. Although weighting of the various line items is up to the bidders, the overall bid amount carries the most weight when comparing bids.
- A mandatory pre-bid meeting was held for this project and we believe between that meeting, which included a site visit, and the bid documents, the work scope was well defined. Although possible, we do not believe additional modification to the bid documents and a re-bid will provide appreciably lower bids.
- For this particular project, of greatest importance, is project schedule. Not accepting this bid would delay the project to an extent that could jeopardize the project's overall success. The success of the project is paramount on performing Cycle Test 5, which requires construction of the temporary facilities of this bid, during this calendar year's wet season. Cycle Test 5 must be performed prior to expiration of the applicable Florida Department of Environmental Protection permit, which expires in August of 2017. Expiration of the permit in August of 2017 does not allow sufficient wet season time to run a cycle test in 2017. Therefore, to provide the best chance of success of this project, it is recommended to continue moving forward with construction of the temporary facilities to allow Cycle Test 5 to be performed during the quickly approaching 2016 wet season.
- Once Cycle Test 5 is successfully complete by January 2017, with favorable results the City will be able to move forward in 2017, without delay, with permitting and design/construction of permanent facilities. The Southwest Florida Water Management District has recently ranked the City's ASR project as high for receiving continued funding into the next phase after Cycle Test 5, depending on favorable results.



Jennifer Rogers
Utility Engineer
City of North Port Utilities
6644 W. Price Blvd.
North Port FL 34291-4106

January 26, 2016

Re: Bid 2016-33 Temporary ASR Facilities for Cycle Test 5
Explanation of Costs

Jennifer,

The following is an explanation of costs for the Engineers Opinion of Probable Cost (EOPC) and the bids received for the project. Please refer to the attached bid summary.

General – The project is small in scope and most components are not typical for most construction contracts, so this contributed to the Contractors assigning a higher-than-usual markup or risk factor to their bids. This was not accounted for in the EOPC.

Item 1 – Mobilization is calculated on a percentage of overall costs, so the overall cost accounted for the price difference of this line item.

Item 2 – Raw Water Pump Station # 2 Modifications. This item compares to items 2, 3 and 4 of the EOPC, which total \$4,280. The bid prices of the Contractors of \$6,300 and \$5,000 are comparable.

Item 3 – Filters. Cardno received a quote from a manufacturer of the filters of \$65,530 to supply the filters. Cardno only added 10% for assembly and manifold materials to arrive at the EOPC of \$72,083. In retrospect, that amount was low. However, assuming 50% for these items, since the manifold is temporary PVC pipe would make an EOPC for this item \$98,000, still well short of the Contractor's bid prices of \$147,000 and \$119,000. Assigning a 100% factor for labor and overhead, which would be typical for permanently-installed equipment, would have resulted in an EOPC of \$131,000. This appears to be the factor used by the Contractors.

Item 4 – Chemical Injection System. Cardno based the EOPC on the quoted and researched prices for the chemical injector, chemicals and the secondary containment skid. A labor and installation cost of \$2,000 was also added, resulting in an EOPC of \$6,526 per chemical skid. Most of the equipment is placed on the concrete pad and the Contractor will just need to supply some small valves and hose to plumb everything together, which would appear to result in low installation costs. At the end of design, North Port added requirements for safety training for staff that is not reflected in the EOPC and would account for some additional costs. The Contractor's bid prices for this item (\$34,667 and \$28,000 per skid) seems excessive.

Item 5 – Concrete pad. Cardno based this cost on the volume of finished concrete and an installed cost of \$700 per cubic yard, which was from the Schedule of Values on a recent project. The EOPC was \$13,480 which compares with one of the Contractor's bid price of \$14,039, but not the other Contractor's price of \$38,000.

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Item 6 – Aluminum Canopy. The EOPC was based on a telephone estimation from the aluminum canopy contractor that installed the existing canopy on the site. The engineer added on 10% overhead to arrive at an estimate of \$13,543. This is well below the Contractor's bid prices of \$43,800 and \$28,000. Cardno did not account for the project requirement for submitting the building permit and signed and sealed engineered plans, but it still would not have resulted in an estimate near the bid prices.

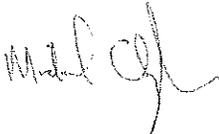
Item 7 – ASR Discharge Piping and Connections. The EOPC was \$1,000, which in retrospect is low. The Contractor bid for \$7,500 is reasonable. The Contractor bid for \$39,000 seems excessive.

Item 8 – ASR Well Manifold Modifications. The EOPC was \$4,000. The Contractor bid prices are \$7,400 and \$8,000, which seem reasonable.

The attached bid summary includes a revised Engineer Opinion of Probable Cost. This cost is based on the observations noted above.

Please review this information and schedule a time where we can conference call to discuss this bid.

Sincerely,



Michael Clough, P.E.
Senior Project Manager

RFB NO. 2016-33 ASR TEMPORARY FACILITIES FOR CYCLE TEST 5

Bid Tabulation



ITEM NO.	ITEM DESCRIPTION	Bidder Name			DOUGLAS N. HIGGINS, INC. OF ANN ARBOR, MICHIGAN		FLORIDA DESIGN CONTRACTORS, INC. LAKE PARK, FLORIDA		ENGINEER REVISED OPINION OF PROBABLE COST	
		UNIT	QTY	UNIT PRICE	EXTENDED PRICE	UNIT PRICE	EXTENDED PRICE	UNIT PRICE	EXTENDED PRICE	
2	Raw Water Pump Station #2 Modifications	LS	1	\$ 6,300.00	\$ 6,300.00	\$ 5,000.00	\$ 5,000.00	\$ 4,280.00	\$ 4,280.00	
3	Filters	LS	1	\$ 147,000.00	\$ 147,000.00	\$ 119,000.00	\$ 119,000.00	\$ 98,000.00	\$ 98,000.00	
4	Chemical Injection System	EA	3	\$ 34,667.00	\$ 104,001.00	\$ 28,000.00	\$ 84,000.00	\$ 10,000.00	\$ 30,000.00	
5	Concrete Pad	LS	1	\$ 14,039.00	\$ 14,039.00	\$ 38,000.00	\$ 38,000.00	\$ 13,480.00	\$ 13,480.00	
6	Aluminum Canopy	LS	1	\$ 43,800.00	\$ 43,800.00	\$ 28,000.00	\$ 28,000.00	\$ 18,000.00	\$ 18,000.00	
7	ASR Discharge Piping and Connections	LS	1	\$ 7,500.00	\$ 7,500.00	\$ 39,000.00	\$ 39,000.00	\$ 7,500.00	\$ 7,500.00	
8	ASR Well Manifold Modifications	LS	1	\$ 7,400.00	\$ 7,400.00	\$ 8,000.00	\$ 8,000.00	\$ 7,400.00	\$ 7,400.00	
				(Subtotal Items 2-8)	\$ 330,040.00	(Subtotal Items 2-8)	\$ 321,000.00	(Subtotal Items 2-8)	\$ 178,660.00	
1	MOBILIZATION AND DEMOBILIZATION (SHALL NOT EXCEED 5% OF THE SUB-TOTAL OF BID ITEMS 2-8)	LS	1	\$ 14,000.00	\$ 14,000.00	\$ 12,000.00	\$ 12,000.00	\$ 12,000.00	\$ 8,933.00	
				TOTAL BID PRICE	\$ 344,040.00	TOTAL BID PRICE	\$ 333,000.00	TOTAL ESTIMATE	\$ 187,593.00	

January 29, 2016



Jennifer Rogers
Utility Engineer
City of North Port Utilities
6644 W. Price Blvd.
North Port FL 34291-4106

Cardno
380 Park Place Blvd
Suite 300
Clearwater, FL 33759
www.cardno.com

Re: Bid 2016-33 Temporary ASR Facilities for Cycle Test 5
Bid Recommendation

Dear Ms. Rogers:

On January 25, 2016, the City of North Port (the City) received two (2) bids for the ASR Temporary Facilities for Cycle Test 5. Prices ranged from an apparent low bid of \$333,000.00 to \$344,040.00. The apparent low bidder is Florida Design Contractors, Inc. of Lake Park, Florida.

We have contacted various owners and engineers who were identified by Florida Design Contractors, Inc. in their project experience documentation provided with the bid. The general response is that they did a "good job" to "very good job" and they all stated that they would have no problem having this firm do another construction project for them.

Subject to concurrence by the City that all bid documents are satisfactory, we recommend that Florida Design Contractors, Inc. be awarded the Contract in the amount of \$333,000.00. Please feel free to contact us if you have any questions.

Sincerely,

A handwritten signature in black ink, appearing to read 'Michael Clough', written in a cursive style.

Michael Clough
Senior Civil Engineer
Water Infrastructure Group

Cc: David Kelly, Cardno

