

Price Analysis
 Bid No. PNC2120945C1
 Septage Receiving Facility Operations Administration Building
 Agency: Water and Wastewater Services
 Purchasing Agent: Nancy Olesen

Date Bid Posted: May 13, 2020
 Bid Bid Opened: July 8, 2020
 Bid Submittals: 5
 Declinations: 1



Item #	Item	Qty	Unit	Shiff Construction & Development Inc. (LBB)		CDM Smith's Estimate (Dated Feb 5, 2020)		% Difference from Estimate
				Unit Price	Total	Unit Price	Total	
PNC2120945C1--01-01	Mobilization and Demobilization	1	lump sum	\$ 237,555.00	\$ 237,555.00	\$ 70,950.00	\$ 70,950.00	58%
PNC2120945C1--01-02	Performance and Payment Guaranty and Insurance	1	lump sum	\$ 71,601.17	\$ 71,601.17	\$ 70,950.00	\$ 70,950.00	3%
PNC2120945C1--01-03	Septage Receiving Facility Improvements	1	lump sum	\$ 2,349,554.52	\$ 2,349,554.52	\$ 1,951,125.00	\$ 1,951,125.00	28%
PNC2120945C1--01-04	Landscaping and Irrigation	1	lump sum	\$ 276,937.19	\$ 276,937.19	\$ 265,353.00	\$ 265,353.00	-32%
	Subtotal			\$ 2,935,647.88	\$ 2,935,647.88	\$ 2,358,378.00	\$ 2,358,378.00	26%
	Allowances			\$ 135,000.00	\$ 135,000.00	\$ 135,000.00	\$ 135,000.00	0%
	Total			\$ 3,070,647.88	\$ 3,070,647.88	\$ 2,493,378.00	\$ 2,493,378.00	23%
Average of All Bidders						\$ 169,483.00	\$ 169,483.00	58%
						\$ 72,988.83	\$ 72,988.83	3%
						\$ 2,724,222.70	\$ 2,724,222.70	28%
						\$ 200,416.64	\$ 200,416.64	-32%
						\$ 3,167,111.18	\$ 3,167,111.18	26%
						\$ 135,000.00	\$ 135,000.00	0%
						\$ 3,302,111.18	\$ 3,302,111.18	24%

1) See attached explanation from CDM Smith regarding difference in the bid price versus estimate.

a) Bids ranged from \$2.6 million to \$3.8 million with two bids almost the same at \$3.5 million.

b) Building foundation, site drainage swales, and electrical power conduit are the main contributors to the cost range. The material costs, equipment costs and fuel costs associated with earthwork activities grow the cost; and the earthwork travel distances to spoils vary between bidders.



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August 18, 2020

Merle Medina
Project Manager II
Broward County
Water and Wastewater Services
2555 West Copans Road
Pompano Beach, FL 33069-9002

Subject: BCWWS Project No 9214/100955
RLI Y1099512R1
Septage Receiving Facility Operations Administration Building
Bid No. PNC2120945C1
Price Analysis

Dear Merle:

CDM Smith's Order of Magnitude cost range, a guidance of the Construction Management Association of America, for the subject project were as follows:

Pessimistic = \$4.1M
Most Likely = \$3.7M
Optimistic = \$2.5M

The bid amounts opened on July 8, 2020 for the Septage Receiving Facility Operations Administration Building, Bid No. PNC2120945C1 ranged from \$2.6M to \$3.8M with two bids almost the same at \$3.5M

Building foundation, and site drainage swales, and electrical power conduit are the main contributors to the cost range. The material costs, equipment costs, and fuel costs associated with these earthwork activities grow the costs; and the earthwork travel distances to spoils vary between bidders.

As such, the Septage Receiving Facility Operations Administration Building bids were found to be within CDM Smith's ranges.

You may contact the undersigned if you have any questions.

Sincerely.

A handwritten signature in blue ink that reads "Timothy J. O'Neil". The signature is written over a horizontal line.





Ms. Merle Medina
August 18, 2020
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Timothy J. O'Neil, P.E., BCEE
Principal
CDM Smith Inc.

TJO, Attachment
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