

MWA  
3MGal Tank \_ Atlantic Mills Site

Bid Math Check

Created: 4/6/2020  
Revised: 4/7/2020

**Division I - Atlantic Mills 3,000,000 Gallon Composite Elevated Tank & Site Piping**

			CB&I	Landmark Structures	Caldwell Tanks, Inc.	Phoenix Fabricators and Erectors, LLC					
Item No.	Quantity	Unit	Description	Unit Price	Total Price					Unit Price	Total Price
<b>Erosion Control Items</b>											
1005	15000	SY	163-0200 Temporary Grass	\$0.50	\$7,500.00	\$0.10	\$1,500.00	\$0.47	\$7,050.00	\$0.40	\$6,000.00
1010	1	EA	163-0300 Construct and Remove Construction Exits	\$4,000.00	\$4,000.00	\$5,500.00	\$5,500.00	\$5,000.00	\$5,000.00	\$2,200.00	\$2,200.00
1015.1	1300	LF	171-0010 Temporary Silt Fence, Type A	\$4.00	\$5,200.00	\$3.00	\$3,900.00	\$6.00	\$7,800.00	\$4.00	\$5,200.00
1015.2	350	LF	171-0020 Temporary Silt Fence, Type B	\$4.00	\$1,400.00	\$4.00	\$1,400.00	\$5.00	\$1,750.00	\$6.00	\$2,100.00
1015.3	450	LF	171-0030 Temporary Silt Fence, Type C	\$5.00	\$2,250.00	\$5.00	\$2,250.00	\$9.00	\$4,050.00	\$7.00	\$3,150.00
1020	350	SY	603-2180 Stone Dumped Rip-Rap, TP 3, 12 in.	\$55.00	\$19,250.00	\$20.00	\$7,000.00	\$35.00	\$12,250.00	\$45.00	\$15,750.00
1030	20	CY	Gravel for Trench Stabilization & Other Miscellaneous Applications, as directed by Engineer <b>NOTE: Pipe bedding material is included with the pipe pay item</b>	\$60.00	\$1,200.00	\$95.00	\$1,900.00	\$40.00	\$800.00	\$80.00	\$1,600.00
1035	50	CY	Miscellaneous Surface Gravel for temporary construction roadways & other uses (to be authorized by Engineer prior to use)	\$60.00	\$3,000.00	\$75.00	\$3,750.00	\$45.00	\$2,250.00	\$60.00	\$3,000.00
<b>Tank Construction Items</b>											
1201	Lump	LS	Design & Construct <b>Concrete Foundation</b> -- Deep Foundation (Auger Cast Piles, or equal) -- per tank specifications in conformance with the Geotechnical Report	\$ Lump Sum	\$817,977.00	\$ Lump Sum	\$750,000.00	\$ Lump Sum	\$945,000.00	\$ Lump Sum	\$900,000.00
1202	Lump	LS	Design & Construct <b>3,000,000 Gallon Composite Elevated Tank</b> , including concrete support structure, welded steel tank, and appurtenances not included elsewhere  <b>NOTE:</b> Appurtenances include furnishing & installing interior piping (inlet/outlet, overflow, and drain); concrete slab interior floor; exterior doors; access ladders / stairways / platforms; manholes / hatches / vents; and crow's nest	\$ Lump Sum	\$3,682,512.00	\$ Lump Sum	\$4,679,000.00	\$ Lump Sum	\$5,402,425.00	\$ Lump Sum	\$5,451,131.00
1203	Lump	LS	<b>Electric Utility Charges</b> for Transfer of Service / Establishing New Service provided by Georgia Power, per Specification 16420	\$ Lump Sum	\$0.00	\$ Lump Sum	\$2,500.00	\$ Lump Sum	\$50,000.00	\$ Lump Sum	\$42,000.00
1204	Lump	LS	<b>Electrical</b> , including tank electrical system; lightning protection; interior lighting; FAA lighting; and display lighting	\$ Lump Sum	\$196,500.00	\$ Lump Sum	\$200,000.00	\$ Lump Sum	\$380,000.00	\$ Lump Sum	\$403,000.00
1205	Lump	LS	Tank <b>Coatings &amp; Finishes</b> , including interior coating; exterior coating; and lettering & logo	\$ Lump Sum	\$435,000.00	\$ Lump Sum	\$400,000.00	\$ Lump Sum	\$440,000.00	\$ Lump Sum	\$428,466.00
1206	Lump	LS	Furnish and install <b>SCADA</b> system components	\$ Lump Sum	\$214,900.00	\$ Lump Sum	\$200,000.00	\$ Lump Sum	\$367,000.00	\$ Lump Sum	\$300,000.00
1291	Lump	LS	Furnish and install <b>Tank Mixing System</b> components	\$ Lump Sum	\$120,000.00	\$ Lump Sum	\$100,000.00	\$ Lump Sum	\$104,000.00	\$ Lump Sum	\$120,000.00
<b>Site Construction Civil Items</b>											
1801	Lump	LS	Site <b>Potable Water Piping</b> , including pipe, valves, and hydrant(s) as shown on plans; concrete thrust blocks; installation of water main to allow Division II contractor to make connection to water system; connection to tank interior piping; and surface repair features identified on plans or otherwise required	\$ Lump Sum	\$300,000.00	\$ Lump Sum	\$300,000.00	\$ Lump Sum	\$95,000.00	\$ Lump Sum	\$450,000.00
1802	Lump	LS	<b>Site Work</b> , including demolition as identified on the plans; grading; construction of detention pond(s) and outlet structure(s); furnishing & installing storm drain system; and associated site work items	\$ Lump Sum	\$410,000.00	\$ Lump Sum	\$800,000.00	\$ Lump Sum	\$225,000.00	\$ Lump Sum	\$520,000.00
1803	Lump	LS	Site <b>Landscaping</b> , including permanent grassing and other landscaping features; temporary irrigation; entrance sign; plaque; restoration of disturbed surface features; and associated landscaping items	\$ Lump Sum	\$195,000.00	\$ Lump Sum	\$150,000.00	\$ Lump Sum	\$155,000.00	\$ Lump Sum	\$900,000.00
1865	45	SY	441-0104 Concrete Sidewalk, 4"	\$80.00	\$3,600.00	\$45.00	\$2,025.00	\$75.00	\$3,375.00	\$96.00	\$4,320.00
1870	750	SY	441-0016 Driveway Concrete, 6 Inches Thick	\$100.00	\$75,000.00	\$48.00	\$36,000.00	\$89.00	\$66,750.00	\$60.00	\$45,000.00
1880	2350	LF	6' Chain Link Fence w/ 3-Strand Barbed Wire, Incl. Gates	\$35.00	\$82,250.00	\$26.50	\$62,275.00	\$30.00	\$70,500.00	\$30.64	\$72,000.00

Bid Math Check

			CB&I	Landmark Structures	Caldwell Tanks, Inc.	Phoenix Fabricators and Erectors, LLC					
Item No.	Quantity	Unit	Description	Unit Price	Total Price			Unit Price	Total Price		
<b>Miscellaneous Items</b>											
1995	Lump	LS	<b>Independent Testing</b>	\$ Lump Sum	\$30,000.00	\$ Lump Sum	\$9,000.00	\$ Lump Sum	\$35,000.00	\$ Lump Sum	\$20,000.00
1995	Lump	LS	Provide <b>Record Documents</b> in accordance with Specification Section 01720	\$ Lump Sum	\$5,000.00	\$ Lump Sum	\$1,000.00	\$ Lump Sum	\$40,000.00	\$ Lump Sum	\$5,000.00
1997	Lump	LS	Soil and Concrete Testing	\$ Lump Sum	\$7,500.00	\$ Lump Sum	\$7,500.00	\$ Lump Sum	\$7,500.00	\$ Lump Sum	\$7,500.00
1998	Lump	LS	Construction Surveying	\$ Lump Sum	\$2,500.00	\$ Lump Sum	\$2,500.00	\$ Lump Sum	\$2,500.00	\$ Lump Sum	\$2,500.00
1999	Lump	LS	General Engineering Allowance	\$ Lump Sum	\$50,000.00	\$ Lump Sum	\$50,000.00	\$ Lump Sum	\$50,000.00	\$ Lump Sum	\$50,000.00

<b>Total Bid (Items 1 - 99)</b>		<b>CB&amp;I Bid</b>	<b>\$6,671,539.00</b>	<b>Landmark Structures Bid</b>	<b>\$7,779,000.00</b>	<b>Caldwell Tanks, Inc. Bid</b>	<b>\$8,480,000.00</b>	<b>Phoenix Fabricators and Erectors, LLC Bid</b>	<b>\$9,759,917.00</b>
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Bid Bond	10%	Bid Bond	10%	Bid Bond	10%	Bid Bond	10%
Addendum No. 1	Acknowledged	Addendum No. 1	Acknowledged	Addendum No. 1	Acknowledged	Addendum No. 1	Acknowledged
Addendum No. 2	Acknowledged	Addendum No. 2	Acknowledged	Addendum No. 2	Acknowledged	Addendum No. 2	Acknowledged
Addendum No. 3	Acknowledged	Addendum No. 3	Acknowledged	Addendum No. 3	Acknowledged	Addendum No. 3	Acknowledged
UC #	UC 300658	UC #	UC 302279	UC #	UC 300258	UC #	UC 302175

NOTE: Red shading (if any) indicates math check correction.

Bid Tabulation Summary

**MWA**

*3MGal Tank\_ Atlantic Mills Site*

*Division I - Atlantic Mills 3,000,000 Gallon Composite Elevated Tank & Site Piping*

Bid Tabulation Summary

Created: 4/6/2020

Revised: 4/7/2020

Rank	Contractor	Bid Bond	Bid Amount	% of Low Bid
1	CB&I	10%	\$6,671,539.00	100.00%
2	Landmark Structures	10%	\$7,779,000.00	116.60%
3	Caldwell Tanks, Inc.	10%	\$8,480,000.00	127.11%
4	Phoenix Fabricators and Erectors, LLC	10%	\$9,759,917.00	146.29%

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