

HR GREEN, INC.
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BID TABULATION
WWTF PRIMARY DIGESTER REHABILITATION, PROJECT NO. 1612
CITY OF WATERTOWN, SD
2017



Apparent Low Bid Rejected Due to Irregularities

March 2, 2017 - 2:00 p.m.				Engineer's Opinion of Probable Cost		PKG Contracting, Inc. Fargo, ND		Industrial Process Tech Fargo, ND		Gridor Construction, Inc. Buffalo, MN		AB Contracting, Inc. Colman, SD	
Item No.	Item Description	Unit	Qty	Unit Price	Total Price	Unit Price	Total Price	Unit Price	Total Price	Unit Price	Total Price	Unit Price	Total Price
Base Bid													
1	General Requirements	LS	1	\$32,510.00	\$32,510.00	\$51,616.34	\$51,616.34			\$11,965.00	\$11,965.00	\$25,000.00	\$25,000.00
2	Bond & Insurance	LS	1	\$5,000.00	\$5,000.00	\$15,000.00	\$15,000.00			\$7,099.00	\$7,099.00	\$22,000.00	\$22,000.00
3	Fixed Cover Preliminary Site Mobilization	Ea	1	\$2,500.00	\$2,500.00	\$10,000.00	\$10,000.00			\$6,217.00	\$6,217.00	\$50,000.00	\$50,000.00
4	Fixed Cover Digester Cleaning	Ea	1	\$5,000.00	\$5,000.00	\$6,400.00	\$6,400.00			\$15,142.00	\$15,142.00	\$4,488.00	\$4,488.00
5	Fixed Cover Removal of Exterior Insulation & Membrane System	Ea	1	\$6,000.00	\$6,000.00	\$6,400.00	\$6,400.00			\$11,331.00	\$11,331.00	\$19,048.00	\$19,048.00
6	Fixed Cover Jacking Equipment/Lifting Crane	Ea	1	\$16,000.00	\$16,000.00	\$13,000.00	\$13,000.00			\$92,538.00	\$92,538.00	\$127,688.00	\$127,688.00
7	Fixed Cover Jacking/Removal & Reset	Ea	1	\$5,000.00	\$5,000.00	\$8,200.00	\$8,200.00			\$6,439.00	\$6,439.00	\$34,728.00	\$34,728.00
8	Fixed Cover Cribbing/Scaffolding	Ea	1	\$18,000.00	\$18,000.00	\$21,200.00	\$21,200.00			\$16,416.00	\$16,416.00	\$31,368.00	\$31,368.00
9	Fixed Cover Interior Surface Preparation & Coating	SqFt	4,784	\$25.00	\$119,600.00	\$15.10	\$72,238.40			\$11.25	\$53,820.00	\$17.35	\$83,002.40
10	Fixed Cover Exterior Insulation System	SqFt	2,847	\$15.00	\$42,705.00	\$9.95	\$28,327.65			\$16.00	\$45,552.00	\$12.78	\$36,384.66
11	Fixed Cover NACE Inspector	Ea	1	\$15,000.00	\$15,000.00	\$67,200.00	\$67,200.00			\$14,595.00	\$14,595.00	\$83,340.00	\$83,340.00
12	Fixed Cover Anchor Pad Repair	Ea	16	\$500.00	\$8,000.00	\$147.50	\$2,360.00			\$2,590.00	\$41,440.00	\$363.00	\$5,808.00
13	Fixed Cover 78" Diameter Top Plate Gasket & Hardware	Ea	1	\$2,000.00	\$2,000.00	\$1,062.00	\$1,062.00			\$1,244.00	\$1,244.00	\$5,242.88	\$5,242.88
14	Fixed Cover 30" Diameter Access Port Gasket & Hardware	Ea	1	\$900.00	\$900.00	\$826.00	\$826.00			\$907.00	\$907.00	\$5,030.08	\$5,030.08
15	Fixed Cover 24" Diameter Access Port Gasket & Hardware	Ea	3	\$700.00	\$2,100.00	\$800.00	\$2,400.00			\$907.00	\$2,721.00	\$2,038.46	\$6,115.38
16	Fixed Cover Steel Plate Pit Filling	Hour	8	\$150.00	\$1,200.00	\$118.00	\$944.00			\$217.00	\$1,736.00	\$674.00	\$5,392.00
17	Fixed Cover Steel Plate Weld Repair	Hour	6	\$150.00	\$900.00	\$118.00	\$708.00			\$217.00	\$1,302.00	\$1,308.00	\$7,848.00
18	Fixed Cover Steel Removal & Replacement	SqFt	133	\$250.00	\$33,250.00	\$120.00	\$15,960.00			\$167.00	\$22,211.00	\$173.75	\$23,108.75
19	Fixed Cover Digester Concrete Crack Repair	LF	100	\$80.00	\$8,000.00	\$106.20	\$10,620.00			\$158.00	\$15,800.00	\$59.44	\$5,944.00
20	Fixed Cover Exterior Non-Slip Coating	SqFt	174	\$6.00	\$1,044.00	\$27.15	\$4,724.10			\$6.50	\$1,131.00	\$31.66	\$5,508.84
21	Fixed Cover Digester Concrete Interior Wall Surface Preparation & Coating	SqFt	5,161	\$8.00	\$41,288.00	\$22.91	\$118,238.51			\$15.00	\$77,415.00	\$35.52	\$183,318.72
22	Fixed Cover Existing Digester Piping Preparation & Coating	LS	1	\$8,000.00	\$8,000.00	\$5,900.00	\$5,900.00			\$1,168.00	\$1,168.00	\$7,368.00	\$7,368.00
23	6" Pressure Relief-Vacuum Breaker Isolation Valve	Ea	1	\$1,200.00	\$1,200.00	\$2,360.00	\$2,360.00			\$37,433.00	\$37,433.00	\$38,522.17	\$38,522.17
24	Fixed Cover PRV & Isolation Valve Insulated Jacket	Ea	1	\$500.00	\$500.00	\$3,540.00	\$3,540.00			\$7,148.00	\$7,148.00	\$10,697.28	\$10,697.28
25	Asphalt Pavement Surface Restoration	SqYd	80	\$100.00	\$8,000.00	\$70.00	\$5,600.00			\$61.00	\$4,880.00	\$70.00	\$5,600.00
26	Gravel Restoration	Ton	35	\$14.00	\$490.00	\$25.00	\$875.00			\$61.00	\$2,135.00	\$178.63	\$6,252.05
27	Surface Restoration	Acre	0.2	\$5,000.00	\$1,000.00	\$1,500.00	\$300.00			\$8,280.00	\$1,656.00	\$5,048.00	\$1,009.60
TOTAL OF BASE BID					\$385,187.00		\$476,000.00			\$501,441.00		\$839,812.81	

Bid Alternate A - Floating Cover Digester Rehabilitation													
28	General Requirements	LS	1	\$45,500.00	\$45,500.00	\$32,981.00	\$32,981.00			\$10,984.00	\$10,984.00	\$10,000.00	\$10,000.00
29	Floating Cover Preliminary Site Mobilization	Ea	1	\$2,500.00	\$2,500.00	\$10,000.00	\$10,000.00			\$6,217.00	\$6,217.00	\$25,000.00	\$25,000.00
30	Floating Cover Digester Cleaning	Ea	1	\$5,000.00	\$5,000.00	\$8,400.00	\$8,400.00			\$15,140.00	\$15,140.00	\$6,305.64	\$6,305.64
31	Floating Cover Jacking Equipment/Lifting Crane	Ea	1	\$133,000.00	\$133,000.00	\$9,600.00	\$9,600.00			\$158,141.00	\$158,141.00	\$322,145.64	\$322,145.64
32	Floating Cover Jacking/Removal & Reset	Ea	1	\$5,000.00	\$5,000.00	\$6,000.00	\$6,000.00			\$24,330.00	\$24,330.00	\$84,705.64	\$84,705.64
33	Floating Cover Cribbing/Scaffolding	Ea	1	\$18,000.00	\$18,000.00	\$20,400.00	\$20,400.00			\$16,415.00	\$16,415.00	\$28,705.64	\$28,705.64
34	Floating Cover Interior Surface Preparation & Coating	SqFt	4,837	\$24.00	\$116,088.00	\$15.00	\$72,555.00			\$11.00	\$53,207.00	\$18.51	\$89,532.87
35	Floating Cover Attic Surface Preparation & Coating	Ea	1	\$28,000.00	\$28,000.00	\$72,000.00	\$72,000.00			\$37,359.00	\$37,359.00	\$123,875.40	\$123,875.40

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36	Floating Cover Exterior Surface Preparation & Coating	SqFt	2,778	\$12.00	\$33,336.00	\$13.00	\$36,114.00			\$9.00	\$25,002.00	\$15.93	\$44,253.54
37	Floating Cover NACE Inspector	Ea	1	\$15,000.00	\$15,000.00	\$20,000.00	\$20,000.00			\$14,593.00	\$14,593.00	\$99,036.04	\$99,036.04
38	Floating Cover 66" Diameter Top Plate Gasket & Hardware	Ea	1	\$1,500.00	\$1,500.00	\$720.00	\$720.00			\$818.00	\$818.00	\$6,676.36	\$6,676.36
39	Floating Cover 24" Diameter Top Plate Gasket & Hardware	Ea	1	\$700.00	\$700.00	\$720.00	\$720.00			\$685.00	\$685.00	\$6,648.36	\$6,648.36
40	Floating Cover 48" Diameter Access Port Gasket & Hardware	Ea	4	\$1,200.00	\$4,800.00	\$1,200.00	\$4,800.00			\$1,028.00	\$4,112.00	\$2,371.61	\$9,486.44
41	Floating Cover 30" Diameter Entrance Hatch Gasket & Hardware	Ea	1	\$900.00	\$900.00	\$3,600.00	\$3,600.00			\$802.00	\$802.00	\$6,959.72	\$6,959.72
42	Floating Cover Steel Plate Pit Filling	Hour	8	\$150.00	\$1,200.00	\$120.00	\$960.00			\$217.00	\$1,736.00	\$924.85	\$7,398.80
43	Floating Cover Steel Plate Weld Repair	Hour	6	\$150.00	\$900.00	\$132.00	\$792.00			\$217.00	\$1,302.00	\$1,610.94	\$9,665.64
44	Floating Cover Steel Removal & Replacement	SqFt	133	\$300.00	\$39,900.00	\$126.00	\$16,758.00			\$167.00	\$22,211.00	\$187.41	\$24,925.53
45	Floating Cover Digester Concrete Crack Repair	LF	100	\$80.00	\$8,000.00	\$108.00	\$10,800.00			\$158.00	\$15,800.00	\$77.62	\$7,762.00
46	Floating Cover Exterior Non-Slip Coating	SqFt	174	\$6.00	\$1,044.00	\$27.50	\$4,785.00			\$5.00	\$870.00	\$43.13	\$7,504.62
47	Floating Cover Digester Concrete Interior Wall Surface Preparation & Coating	SqFt	5,161	\$8.00	\$41,288.00	\$15.00	\$77,415.00			\$15.00	\$77,415.00	\$41.97	\$216,607.17
48	Floating Cover Existing Digester Piping Preparation & Coating	LS	1	\$10,000.00	\$10,000.00	\$12,000.00	\$12,000.00			\$1,167.00	\$1,167.00	\$9,692.52	\$9,692.52
49	4" Pressure Relief-Vacuum Breaker Isolation Valve	Ea	1	\$800.00	\$800.00	\$2,400.00	\$2,400.00			\$20,631.00	\$20,631.00	\$28,167.38	\$28,167.38
50	Floating Cover Digester Corbel Removal & Replacement	Ea	12	\$3,500.00	\$42,000.00	\$2,200.00	\$26,400.00			\$1,661.00	\$19,932.00	\$665.47	\$7,985.64
51	Floating Cover Top Plate Stainless Steel Ball Valve	Ea	1	\$300.00	\$300.00	\$7,200.00	\$7,200.00			\$667.00	\$667.00	\$6,713.32	\$6,713.32
52	Floating Cover Digester Removal of Existing Bolts	Ea	24	\$50.00	\$1,200.00	\$50.00	\$1,200.00			\$14.29	\$342.96	\$262.74	\$6,305.76
53	Floating Cover Replace Top Roller Assembly	Ea	6	\$200.00	\$1,200.00	\$2,200.00	\$13,200.00			\$3,400.00	\$20,400.00	\$2,824.65	\$16,947.90
54	Floating Cover Replace Bottom Roller Assembly	Ea	6	\$200.00	\$1,200.00	\$3,000.00	\$18,000.00			\$4,870.00	\$29,220.00	\$3,508.97	\$21,053.82
55	Floating Cover 8" Diameter Sample Well Cover	Ea	2	\$600.00	\$1,200.00	\$3,600.00	\$7,200.00			\$3,600.00	\$7,200.00	\$6,214.34	\$12,428.68
56	Floating Cover 3" Diameter Sump Well Cover	Ea	1	\$300.00	\$300.00	\$3,600.00	\$3,600.00			\$3,741.00	\$3,741.00	\$9,553.64	\$9,553.64
56A	Bond & Insurance	LS	1	\$5,000.00	\$5,000.00	\$20,000.00	\$20,000.00			\$7,958.00	\$7,958.00	\$27,000.00	\$27,000.00
56B	Floating Cover Attic Insulation	SqFt	100	\$20.00	\$2,000.00	\$18.00	\$1,800.00			\$58.00	\$5,800.00	\$20.16	\$2,016.00
56C	Floating Cover Digester New Corbel	Ea	16	\$875.00	\$14,000.00	\$4,725.00	\$75,600.00			\$5,920.00	\$94,720.00	\$3,418.11	\$54,689.76
TOTAL OF BID ALTERNATE A					\$580,856.00		\$598,000.00				\$698,917.96		\$1,339,749.47
Bid Alternate B - Digester Draw Down Piping Modification													
57	Fixed & Floating Cover Piping Modifications	LS	1	\$31,000.00	\$31,000.00	\$60,000.00	\$60,000.00			\$70,006.00	\$70,006.00	\$109,900.00	\$109,900.00
57A	Bond & Insurance	LS	1	\$500.00	\$500.00	\$9,000.00	\$9,000.00			\$798.00	\$798.00	\$5,000.00	\$5,000.00
TOTAL OF BID ALTERNATE B					\$31,500.00		\$69,000.00				\$70,804.00		\$114,900.00
TOTAL OF BASE BID AND BID ALTERNATE A AND B					\$997,543.00		\$1,143,000.00				\$1,271,162.96		\$2,294,462.28

Denotes correction in calculation from original submitted bid