

VAN DE WIELE & VOGLER, INC.

BID TABULATION

Harris County Municipal Utility District No. 82
1.1 MGD Wastewater Treatment Facility Rehabilitation within Harris County, Texas
V & V Project Number: 05900-501-8-STP
Bid Date: Wednesday, March 17, 2010

ITEM NO.	DESCRIPTION	UNIT	QTY	1. R&B Group, Inc.		2. N&S Construction Co., LP		3. B-5 Construction Co., Inc.	
				UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
1.	Mobilization, Bonds & Permits	EA	1	\$ 20,000.00	\$ 20,000.00	\$ 25,000.00	\$ 25,000.00	\$ 26,711.00	\$ 26,711.00
2.	Clearing and Grubbing (Chip and Haul)	AC	0.63	\$ 10,000.00	\$ 6,300.00	\$ 9,000.00	\$ 5,670.00	\$ 10,000.00	\$ 6,300.00
3.	Relocate existing chain link fence	LF	568	\$ 15.00	\$ 8,520.00	\$ 11.25	\$ 6,390.00	\$ 10.00	\$ 5,680.00
4.	6' Chain Link Fence with 3 strand barbed wire	LF	170	\$ 25.00	\$ 4,250.00	\$ 16.00	\$ 2,720.00	\$ 21.00	\$ 3,570.00
5.	Remove and Dispose of existing sidewalk (limits to be marked by	SY	132	\$ 20.00	\$ 2,640.00	\$ 11.25	\$ 1,485.00	\$ 15.00	\$ 1,980.00
6.	Reinforced Concrete Sidewalk	SY	179	\$ 50.00	\$ 8,950.00	\$ 18.00	\$ 3,222.00	\$ 54.00	\$ 9,666.00
7.	Remove and dispose of Sulfur Dioxide feeder equipment including piping. Equipment and appurtenances not being relocated or re-used. Remove and dispose of existing chlorine storage pads as shown on drawings, including all piping, equipment, and appurtenances not being relocated or reused. Remove and relocate existing one-ton cylinder and scale as shown on drawings. Modify existing Chlorine Feeder and Storage Building, including partition wall, door, fans, windows, heater, and all features shown on drawings. Provide all supervision, labor, materials, tools, equipment, piping, fittings, incidentals and related items to relocate existing chlorinator, install one (1) new 500 ppd chlorinator and two (2) new 500 ppd sulfonators, refurbish and relocate existing scales and or/trunnions as shown on drawings, or a complete operating system.	LS	1	\$ 30,000.00	\$ 30,000.00	\$ 156,000.00	\$ 156,000.00	\$ 103,441.00	\$ 103,441.00
8.	Provide all supervision, labor, materials, tools, equipment, incidentals and related items to construct proposed disinfection storage building including 2-ton crane as supplied by Gaffey, piping, valves, fittings and all equipment shown on drawings for a complete operating system	LS	1	\$ 215,000.00	\$ 215,000.00	\$ 114,000.00	\$ 114,000.00	\$ 134,921.00	\$ 134,921.00

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9.	Provide all supervision, labor, materials, tools, equipment, incidentals and related items to construct, start-up and place in operation the new headworks structure including Duperon Q.FPFS.2A.4 Flex Rake fine screen with Custom C.3.EVDF.PB.WC.29 Controls Package, Ultrasonic Transducer, 304 SS Enclosure, and 304 SS Dual Auger washer compactor; manual bar screen, weir gate, slide gates, stairs, handrails, grating, bollards, dumpster pad and all piping, valves, fittings and pavement as shown on plans and as described in specifications for a complete operating system.	LS 1	\$ 390,000.00	\$ 390,000.00	\$ 441,000.00	\$ 441,000.00	\$ 467,489.00	\$ 467,489.00
10.	Remove and Dispose of existing 4" and 6" drain lines as shown on plans. Remove and Dispose of existing 6" scum lines as shown on plans. Modify Existing forcemain at Lift Station and Install proposed 12" force main including all valves and fittings. Install proposed 6" drain line including all fittings. Install proposed 24" influent line including all fittings and connection to existing Influent Channel. Install proposed 2" non-potable water line including all fittings and hose bibs. Connect to existing non-potable water system and proposed headworks structure.	LS 1	\$ 100,000.00	\$ 100,000.00	\$ 98,000.00	\$ 98,000.00	\$ 84,001.00	\$ 84,001.00
11.	Construct reinforced concrete wall with wall pipe at north end of Influent Channel for connection of proposed forcemain. Remove and dispose of existing steel wall. (The existing conditions is shown in an attached sheet.)	LS 1	\$ 10,000.00	\$ 10,000.00	\$ 7,800.00	\$ 7,800.00	\$ 15,201.00	\$ 15,201.00

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12.	Provide all supervision, labor, materials, tools, equipment, incidentals and related items to construct Scum Pit including valve vault, grating and all features shown on plans. Supply and install two (2) 6 HP submersible pumps in scum pit including access hatch and all pump accessories. Install 4" and 6" scum pump piping including all valves, fittings, and pipe supports as shown on plans. Modify existing scum line at Clarifier to accommodate connection to proposed scum pump station. Modify existing Return Sludge line including piping, valves and fittings as shown on drawings.	LS	1	\$ 100,000.00	\$ 100,000.00	\$ 45,000.00	\$ 45,000.00	\$ 77,456.00	\$ 77,456.00
13.	Supply and install one (1) 2000 Gallon hydropneumatic tank with 75 PSI working pressure by Bulldog or Acme. Connect to existing non-potable water system, supply and install backwash piping to enable backwashing from either non-potable water pump, construct extension of existing concrete pad, furnish and install pressure gauge and all piping, valves and fittings required to tie into proposed chemical feed system.	LS	1	\$ 16,000.00	\$ 16,000.00	\$ 17,000.00	\$ 17,000.00	\$ 25,036.00	\$ 25,036.00
14.	6" Lime-Fly Ash Stabilized Subgrade	SY	733	\$ 8.00	\$ 5,864.00	\$ 12.00	\$ 8,796.00	\$ 19.00	\$ 13,927.00
15.	Lime (20 LB/SY)	TON	8	\$ 100.00	\$ 800.00	\$ 137.00	\$ 1,096.00	\$ 179.00	\$ 1,432.00
16.	Fly-Ash (46LB/SY)	TON	17	\$ 100.00	\$ 1,700.00	\$ 137.00	\$ 2,329.00	\$ 103.00	\$ 1,751.00
17.	6" Reinforced Concrete Pavement	SY	629	\$ 45.00	\$ 28,305.00	\$ 49.00	\$ 30,821.00	\$ 52.00	\$ 32,708.00
18.	Crushed Concrete compacted on existing access road for maintenance and repair of access road during construction per 8 CY truck load	LOA D	10	\$ 500.00	\$ 5,000.00	\$ 510.00	\$ 5,100.00	\$ 525.00	\$ 5,250.00
19.	Tensar Triax TX160 Geogrid (WWTP access road)	SY	2,620	\$ 5.00	\$ 13,100.00	\$ 5.60	\$ 14,672.00	\$ 4.65	\$ 12,183.00

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20.	Tensar Triax TX160 Geogrid (WP2 access road)	SY 430	\$ 5.00	\$ 2,150.00	\$ 5.60	\$ 2,408.00	\$ 4.70	\$ 2,021.00
21.	4" Compacted Crushed Concrete overlay (WWTP access road)	SY 2,620	\$ 10.00	\$ 26,200.00	\$ 7.40	\$ 19,388.00	\$ 7.60	\$ 19,912.00
22.	4" Compacted Crushed Concrete overlay (WP2 access road)	SY 430	\$ 10.00	\$ 4,300.00	\$ 7.40	\$ 3,182.00	\$ 8.00	\$ 3,440.00
23.	Install 18" RCP Culvert across existing Water Plant 3 access road at low	EA 1	\$ 3,500.00	\$ 3,500.00	\$ 1,250.00	\$ 1,250.00	\$ 4,772.00	\$ 4,772.00
24.	Regrade existing swale at Water Plant 3 access road	LF 200	\$ 8.00	\$ 1,600.00	\$ 9.00	\$ 1,800.00	\$ 5.00	\$ 1,000.00
25.	Crushed Concrete compacted on existing Water Plant 3 access road for repair per 8 CY truck load	LOA 5 D	\$ 500.00	\$ 2,500.00	\$ 510.00	\$ 2,550.00	\$ 650.00	\$ 3,250.00
26.	Storm Water Management including NOI, PPP inspection, posting, monthly reports for construction duration, etc.	LS 1	\$ 1,000.00	\$ 1,000.00	\$ 1,000.00	\$ 1,000.00	\$ 5,258.00	\$ 5,258.00
27.	Reinforced filter fabric fence	LF 400	\$ 1.00	\$ 400.00	\$ 2.00	\$ 800.00	\$ 3.00	\$ 1,200.00
28.	Hydromulch Seeding	AC 1	\$ 1,000.00	\$ 1,000.00	\$ 1,200.00	\$ 1,200.00	\$ 1,210.00	\$ 1,210.00
29.	Block sodding along newly paved concrete and the area around headworks structure and scum pump station (includes topsoil and adequate watering and maintenance period)	SY 100	\$ 5.00	\$ 500.00	\$ 5.00	\$ 500.00	\$ 15.00	\$ 1,500.00
30.	Cut exposed rebar from existing aeration, digester, and chlorination basins and apply epoxy protective coating on cut end of each bar.	LS 1	\$ 2,500.00	\$ 2,500.00	\$ 800.00	\$ 800.00	\$ 2,790.00	\$ 2,790.00
31.	Site Drainage Swales	LF 440	\$ 8.00	\$ 3,520.00	\$ 4.50	\$ 1,980.00	\$ 5.00	\$ 2,200.00
32.	Site Final Grading and Stockpiling of Spoil Dirt at location shown on	LS 1	\$ 5,000.00	\$ 5,000.00	\$ 7,100.00	\$ 7,100.00	\$ 4,138.00	\$ 4,138.00

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				UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
	Subtotal			\$	1,020,599.00	\$	1,030,059.00	\$	1,081,394.00
	Electrical								
33.	Provide and install all work shown on plans and described in specifications including as follows: Provide and install pump control panel, lighting and receptacles, pump motor feeders, MCC feeders, head works control panel, autosensory controls, and all appurtenances as shown on plans and as described in specifications for a complete operating system	LS	1	\$	150,000.00	\$	147,000.00	\$	108,788.00
	Subtotal Electrical			\$	150,000.00	\$	147,000.00	\$	108,788.00
	Supplementary Work Items								
S1.	Extra excavation, placement and compaction on site.	CY	200	\$	5.00	\$	1,000.00	\$	1,000.00
S2.	Extra excavation and backfill for utilities, all widths, 8 ft. to 20 ft. depth, complete in place.	LF	100	\$	40.00	\$	4,000.00	\$	4,000.00
S3.	Extra cement stabilized sand, complete in place:	CY	10	\$	25.00	\$	250.00	\$	250.00
S4.	Extra reinforced concrete, all types, complete in place:	CY	100	\$	500.00	\$	50,000.00	\$	50,000.00
S5.	Extra fittings	TON	1	\$	2,000.00	\$	2,000.00	\$	2,000.00
S6.	Extra aluminum handrail, all types, complete in place	LF	50	\$	15.00	\$	750.00	\$	750.00

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S7.	Extra FRP grating including supports, complete in place	SF 30	\$ 35.00	\$ 1,050.00	\$ 50.00	\$ 1,500.00	\$ 35.00	\$ 1,050.00
S8.	Extra drainage swale, up to 2 ft. depth	LF 150	\$ 3.00	\$ 450.00	\$ 3.00	\$ 450.00	\$ 3.00	\$ 450.00
S9.	Extra C900 PVC pipe 4-10 inches diameter up to 8 ft. depth, complete in place	LF 100	\$ 30.00	\$ 3,000.00	\$ 30.00	\$ 3,000.00	\$ 30.00	\$ 3,000.00
S10.	Extra Class 52 DIP 4-10 inches diameter up to 8 ft. depth, complete in place	LF 100	\$ 55.00	\$ 5,500.00	\$ 55.00	\$ 5,500.00	\$ 55.00	\$ 5,500.00
S11.	Extra Class 52 DIP 12-18 inches diameter up to 8 ft. depth, complete in place	LF 100	\$ 130.00	\$ 13,000.00	\$ 130.00	\$ 13,000.00	\$ 130.00	\$ 13,000.00
S12.	Extra Class 53 FExFE up to 10 inches diameter, complete in place	LF 100	\$ 55.00	\$ 5,500.00	\$ 55.00	\$ 5,500.00	\$ 55.00	\$ 5,500.00
S13.	Extra GS pipe 4-10 inches diameter, complete in place	LF 100	\$ 45.00	\$ 4,500.00	\$ 45.00	\$ 4,500.00	\$ 45.00	\$ 4,500.00
S14.	Extra Schedule 80 PVC, up to 4" diameter, complete in place	LF 100	\$ 6.00	\$ 600.00	\$ 6.00	\$ 600.00	\$ 6.00	\$ 600.00
S15.	Extra GS pipe up to 4 inches diameter, complete in place	LF 100	\$ 10.00	\$ 1,000.00	\$ 10.00	\$ 1,000.00	\$ 10.00	\$ 1,000.00
S16.	Extra Removable Bollard	EA 1	\$ 200.00	\$ 200.00	\$ 200.00	\$ 200.00	\$ 650.00	\$ 650.00
S17.	Extra concrete sidewalk, all widths, complete in place	SY 100	\$ 25.00	\$ 2,500.00	\$ 25.00	\$ 2,500.00	\$ 25.00	\$ 2,500.00
Subtotal Supplementary Work Items			\$	\$ 95,300.00	\$	\$ 96,500.00	\$	\$ 95,750.00

Unit costs listed for extra work items are the minimum allowable unit costs. The bidder may substitute higher unit costs. Extra Work items shall be performed only with written authorization from the Engineer. The apparent low bidder will be determined based upon the Total Base Bid. The Contract will be awarded in accordance with the Instructions to Bidders. Time of completion may be considered as a factor in determining the successful bidder.

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	Total Base Bid Amount			\$	1,265,899.00	\$	1,273,559.00	\$	1,285,932.00
	Alternate Bid Items:								
A1.	Cost increase(+) or decrease(-) to install 304 SS John Meunier Perforated Plate Fine Screen in lieu of Duperon Flex Rake Fine Screen for bid item 12. Provide all supervision, labor, materials, tools, equipment, incidentals and related items to install, start-up and place in operation 304 SS John Meunier Escalator Fine Screen Model ESH-41-XA with gear and motor drives for screen and brush, control panel, differential level control system and high water level start floating switch, element washing system and anchors, and 304 SS John Meunier Rotopac Screw Washer Compactor, model RPW - 202-XI with gear and motor, control panel and anchors	(+/-) L	1	\$	(75,000.00)	\$	(80,000.00)	\$	(65,000.00)
TOTAL AMOUNT BID WITH INCREASE OR DECREASE FOR ALTERNATE BID ITEM:									
TOTAL BID					\$ 1,190,899.00		\$ 1,193,559.00		\$ 1,220,932.00
TOTAL AMOUNT BID WITH INCREASE OR DECREASE FOR ALTERNATE BID ITEM:					\$ 1,190,899.00		\$ 1,193,559.00		\$ 1,220,932.00
CALENDAR DAYS					345		280		365
ADDITIONAL BIDS:									
JTR Constructors, Inc. \$1,341,466.00/\$1,266,466.00 365 Calendar Days									
Nunn Constructors, Ltd. \$1,343,727.00/\$1,243,727.00 365 Calendar Days									
Industrial TX Corp. \$1,355,300.00/\$1,225,300.00 365 Calendar Days									
G.R. Birdwell \$1,390,404.67/\$1,231,601.92 140 Calendar Days									
T&C Construction, Ltd. \$1,412,545.00/\$1,352,545.00 300 Calendar Days									