

August 9, 2010

RH of Texas Limited Partnership by: Ryland Homes of Texas Inc.  
on behalf of Harris County Municipal Utility District No. 1  
c/o Development Consultants  
4201 FM 1960 West, Suite 465  
Houston, Texas 77068

Re: 0.11 MGD Wastewater Treatment Facility No 2 – Phase I  
Within Harris County Municipal Utility District No. 1  
Harris County, Texas  
Project Number: 19900-502-1-STP (c&e)

Gentlemen:

Enclosed please find the Bid Tabulation of bids received for construction of the above referenced project. A total of eight bids were received. We recommend that you consider two items as follows:

1. The bids included deducts for pre-approved equipment. The low bidder used Hydro as a vendor for its chemical feed equipment (Item 7). The second bidder used Wallace & Tiernan for its base bid. To make all of the bids the same, a deduct of \$45,000 for Hydro equipment is taken from the second bid.
2. We also included an alternate bid item to install geotextile fabric under the temporary access road. We recommend accepting this alternate because it will minimize the repairs the District will have on the road.

With the two items accepted above, the revised low bidder is R. P. Constructors, Inc. in the amount of \$1,483,820.80. We have worked with R.P. Constructors, Inc. in the past and find it to be an acceptable contractor.

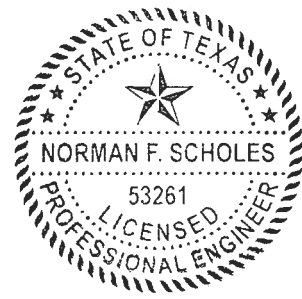
RH of Texas  
August 9, 2010  
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We recommend that a construction contract be awarded to R. P. Constructors, Inc. based on its low bid of \$1,483,820.80 and contract time of 365 calendar days.

Sincerely,

*Norman F. Scholes*

Norman F. Scholes, P.E.  
Senior Project Engineer  
Van de Wiele & Vogler, Inc.  
Texas Registered Engineering Firm F-148



Enclosure

xc: Directors – HCMUD 1  
Mr. James Bonham – HCMUD 1 Attorney  
R. P. Constructors, Inc.  
T & C Construction, Inc.  
File

# VAN DE WIELE & VOGLER, INC.

## BID TABULATION

**.011 MGD Wastewater Treatment Facility No. 2 - Phase I**

**within Harris County MUD No. 1**

**Harris County, Texas**

**V&V Project Number: 19900-502-1-STP**

**Bid Date: Monday, August 9, 2010**

ITEM NO.	DESCRIPTION	UNIT	BID QTY	1. R.P. Constructors, Inc.		2. T&C Construction, Ltd.		3. R&B Group, Inc.	
				UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
<b>BASE BID</b>									
1.	Mobilization/Payment/ Performance Bonds/Permits & Fees	EA	1	\$ 50,000.00	\$ 50,000.00	\$ 20,000.00	\$ 20,000.00	\$ 50,000.00	\$ 50,000.00
<b>WWTF CONSTRUCTION</b>									
2.	Provide all supervision, labor, materials, tools, equipment, incidentals and related items required to construct, start-up and place in operation the wastewater treatment facilities including but not limited to manholes, outfall structure, treatment units, sidewalks, yard piping, and equipment, complete in place, excluding electrical installation as described in Bid Items No. 8 and 9 for a lump sum of:	LS	1	\$ 900,000.00	\$ 900,000.00	\$ 660,000.00	\$ 660,000.00	\$ 925,000.00	\$ 925,000.00
<b>LIFT STATION CONSTRUCTION</b>									
3.	Provide all supervision, labor, materials, tools, equipment, incidentals and related items required to construct, start-up and place in operation the lift station, including all appurtenances, complete in place, excluding electrical installation as described in Bid Item No.4., influent forcemain from headworks to first below grade fitting, and wet well coating and electrical installation as described in bid items number 8 and 9 for a lump sum of:	LS	1	\$ 150,000.00	\$ 150,000.00	\$ 300,000.00	\$ 300,000.00	\$ 150,000.00	\$ 150,000.00
<b>LIFT STATION WET WELL COATING</b>									
4.	Coat all interior surfaces of wet well to 1'-0" below all pumps off elevation per specification section 09905 for a lump sum of:	LS	1	\$ 6,000.00	\$ 6,000.00	\$ 8,000.00	\$ 8,000.00	\$ 5,000.00	\$ 5,000.00
<b>ON-SITE ACCESS</b>									
5.	Provide and construct on-site access road as shown on plans including grading, culverts and swales for a lump sum of:	LS	1	\$ 20,000.00	\$ 20,000.00	\$ 50,000.00	\$ 50,000.00	\$ 15,000.00	\$ 15,000.00
<b>OFF-SITE ACCESS</b>									
6.	Provide and construct off site access road as shown on plans, up to proposed lift station and up to proposed wastewater treatment site access gate, including grading, culverts and swales for a lump sum of:	LS	1	\$ 80,000.00	\$ 80,000.00	\$ 60,000.00	\$ 60,000.00	\$ 75,000.00	\$ 75,000.00
<b>OFF-SITE ACCESS WITH PRESERVE AT NORTHAMPTION</b>									
7.	Provide and install a 6-inch thick by 15 feet wide limestone or crushed concrete access road with adjacent drainage swales, without geotextile fabric and without cement stabilization for the lump sum of:	LS	1	\$ 30,000.00	\$ 30,000.00	\$ 50,000.00	\$ 50,000.00	\$ 45,000.00	\$ 45,000.00

# VAN DE WIELE & VOGLER, INC.

## BID TABULATION

**.011 MGD Wastewater Treatment Facility No. 2 - Phase I  
within Harris County MUD No. 1**

**Harris County, Texas**

**V&V Project Number: 19900-502-1-STP**

**Bid Date: Monday, August 9, 2010**

ITEM NO.	DESCRIPTION	UNIT	BID QTY	1. R.P. Constructors, Inc.		2. T&C Construction, Ltd.		3. R&B Group, Inc.	
				UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
<b><u>SITE FENCING</u></b>									
8.	Furnish and install WWTP site fencing and access gate, lift station fencing and access gate as shown on drawings for a lump sum of:	LF	820	\$ 12.19	\$ 9,995.80	\$ 18.00	\$ 14,760.00	\$ 22.00	\$ 18,040.00
<b><u>WWTF ELECTRICAL SYSTEM INSTALLATION</u></b>									
9.	Provide and install MCC, blower control panels, lift station control panel with solid state controller, clarifier control panel, induction pump control panel, NPWP control panel, pump blower motor feeders and terminal boxes, electrical service equipment with manual transfer switch and generator connector, wire way feeder breakers, telephone service, autodialer, and furnish all appurtenances as shown on plans and as described in specifications for a complete operating system for a lump sum of:	LS	1	\$ 230,000.00	\$ 230,000.00	\$ 300,000.00	\$ 300,000.00	\$ 270,000.00	\$ 270,000.00
<b><u>CONTROLLER PROGRAMMING</u></b>									
10.	Include an allowance for pump controller programming per Section 16904 - "Controller" for a lump sum of:.	LS	1	\$ 16,500.00	\$ 16,500.00	\$ 16,500.00	\$ 16,500.00	\$ 16,500.00	\$ 16,500.00
<b><u>MISCELLANEOUS</u></b>									
11.	Trench safety system (all depths)	LS	1	\$ 1,000.00	\$ 1,000.00	\$ 3,000.00	\$ 3,000.00	\$ 1,000.00	\$ 1,000.00
12.	NOI, PPP inspection, posting, monthly reports for construction duration, NOT, etc.	LS	1	\$ 500.00	\$ 500.00	\$ 3,000.00	\$ 3,000.00	\$ 500.00	\$ 500.00
13.	Reinforced Filter Fabric Fence	LF	200	\$ 2.00	\$ 400.00	\$ 5.00	\$ 1,000.00	\$ 2.00	\$ 400.00
14.	Inlet Protection Barriers	EA	5	\$ 60.00	\$ 300.00	\$ 100.00	\$ 500.00	\$ 50.00	\$ 250.00
15.	Turf establishment in accordance with HCFCO Spec. 02921 - Dry Application (includes adequate watering, fertilizer and maintenance period to establish turf)	AC	1	\$ 2,000.00	\$ 2,000.00	\$ 2,500.00	\$ 2,500.00	\$ 1,800.00	\$ 1,800.00
16.	Block sodding along newly paved concrete and the area around headworks structure and lift station (includes topsoil and adequate watering and maintenance period)	SY	150	\$ 10.00	\$ 1,500.00	\$ 10.00	\$ 1,500.00	\$ 5.00	\$ 750.00
17.	Hydromulch Seeding	AC	2	\$ 2,000.00	\$ 4,000.00	\$ 1,500.00	\$ 3,000.00	\$ 1,200.00	\$ 2,400.00
<b><u>ADDITIONAL WORK ITEMS</u></b>									
S1	Extra bank sand backfill, complete in place:	CY	10	\$ 20.00	\$ 200.00	\$ 20.00	\$ 200.00	\$ 20.00	\$ 200.00
S2	Extra cement stabilized sand, complete in place	CY	10	\$ 25.00	\$ 250.00	\$ 25.00	\$ 250.00	\$ 25.00	\$ 250.00

# VAN DE WIELE & VOGLER, INC.

## BID TABULATION

.011 MGD Wastewater Treatment Facility No. 2 - Phase I

within Harris County MUD No. 1

Harris County, Texas

V&V Project Number: 19900-502-1-STP

Bid Date: Monday, August 9, 2010

ITEM NO.	DESCRIPTION	UNIT	BID QTY	1. R.P. Constructors, Inc.		2. T&C Construction, Ltd.		3. R&B Group, Inc.	
				UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
S3	Extra reinforced concrete, all types, complete in place:	CY	5	\$ 500.00	\$ 2,500.00	\$ 500.00	\$ 2,500.00	\$ 500.00	\$ 2,500.00
S4	Extra reinforcing steel, all sizes, complete in place:	LB	500	\$ 0.50	\$ 250.00	\$ 0.50	\$ 250.00	\$ 0.50	\$ 250.00
S5	Extra fittings	TON	1	\$ 2,000.00	\$ 2,000.00	\$ 2,000.00	\$ 2,000.00	\$ 2,000.00	\$ 2,000.00
S6	Extra aluminum handrail, all types, complete in place	LF	50	\$ 15.00	\$ 750.00	\$ 15.00	\$ 750.00	\$ 15.00	\$ 750.00
S7	Extra concrete sidewalk, all widths, complete in place	SY	10	\$ 25.00	\$ 250.00	\$ 25.00	\$ 250.00	\$ 25.00	\$ 250.00
S8	Extra concrete pipe supports, all types and sizes, complete in place	EA	1	\$ 100.00	\$ 100.00	\$ 100.00	\$ 100.00	\$ 100.00	\$ 100.00
S9	Extra drainage swale, up to 2 ft. depth, including turf establishment	LF	100	\$ 3.00	\$ 300.00	\$ 3.00	\$ 300.00	\$ 3.00	\$ 300.00
S10	Extra C900 PVC pipe 4-10 inches diameter up to 8 ft. depth, complete in place	LF	50	\$ 30.00	\$ 1,500.00	\$ 30.00	\$ 1,500.00	\$ 30.00	\$ 1,500.00
S11	Extra C905 PVC pipe 12-24 inches diameter up to 8 ft. depth, complete in place	LF	50	\$ 75.00	\$ 3,750.00	\$ 75.00	\$ 3,750.00	\$ 75.00	\$ 3,750.00
S12	Extra Class 52 DIP 4-10 inches diameter up to 8 ft. depth, complete in place	LF	50	\$ 20.00	\$ 1,000.00	\$ 20.00	\$ 1,000.00	\$ 20.00	\$ 1,000.00
S13	Extra Class 52 DIP 12-18 inches diameter up to 8 ft. depth, complete in place	LF	50	\$ 55.00	\$ 2,750.00	\$ 55.00	\$ 2,750.00	\$ 55.00	\$ 2,750.00
S14	Extra Class 53 FExFE up to 10 inches diameter, complete in place	LF	50	\$ 55.00	\$ 2,750.00	\$ 55.00	\$ 2,750.00	\$ 55.00	\$ 2,750.00
S15	Extra GS pipe 4-10 inches diameter, complete in place	LF	50	\$ 45.00	\$ 2,250.00	\$ 45.00	\$ 2,250.00	\$ 45.00	\$ 2,250.00
S16	Extra Schedule 80 PVC, up to 4" diameter, complete in place	LF	50	\$ 6.00	\$ 300.00	\$ 6.00	\$ 300.00	\$ 6.00	\$ 300.00
S17	Extra GS pipe up to 4 inches diameter, complete in place	LF	50	\$ 10.00	\$ 500.00	\$ 10.00	\$ 500.00	\$ 10.00	\$ 500.00
S18	Extra Type I hose bibb, complete in place	EA	1	\$ 25.00	\$ 25.00	\$ 25.00	\$ 25.00	\$ 85.00	\$ 85.00
S19	Extra Removable Bollard	EA	1	\$ 200.00	\$ 200.00	\$ 200.00	\$ 200.00	\$ 200.00	\$ 200.00
<b>TOTAL BASE BID</b>				<b>\$ 1,523,820.80</b>		<b>\$ 1,515,385.00</b>		<b>\$ 1,598,325.00</b>	

# VAN DE WIELE & VOGLER, INC.

## BID TABULATION

.011 MGD Wastewater Treatment Facility No. 2 - Phase I

within Harris County MUD No. 1

Harris County, Texas

V&V Project Number: 1990-502-1-STP

Bid Date: Monday, August 9, 2010

ITEM NO.	DESCRIPTION	UNIT	BID QTY	1. R.P. Constructors, Inc.		2. T&C Construction, Ltd.		3. R&B Group, Inc.	
				UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
A1	Substitute Neuros blower for multi-stage centrifugal blower in Base Bid for the additive lump sum of:	LS	1	\$ 30,000.00	\$ 30,000.00	\$ 30,000.00	\$ 30,000.00	\$ 30,000.00	\$ 30,000.00
A2	Add geotextile fabric under stabilized crushed concrete for off-site access road, approximately 2,200 LF, from Preserve Section 1 up to proposed lift station and up to proposed wastewater treatment site access gate for a lump sum of:	LS	1	\$ 5,000.00	\$ 5,000.00	\$ 10,000.00	\$ 10,000.00	\$ 12,000.00	\$ 12,000.00
<b>SECTION TWO</b>									
1.	Submersible Pumps			<b>Flygt</b>	\$15,000.00			<b>Flygt</b>	\$72,000.00
				<b>KSB</b>	\$50,000.00	<b>KSB</b>		<b>KSB</b>	\$54,000.00
2.	Clarifier			<b>WesTech</b>	\$110,000.00	<b>WesTech</b>		<b>WesTech</b>	\$100,000.00
				Envirex	\$20,000.00			Envirex	\$120,000.00
				Walker	+\$10,000.00			Walker	\$110,000.00
3.	Motor Control Center			<b>Cutler Hammer</b>	\$50,000.00	<b>Cutler Hammer</b>		<b>Cutler Hammer</b>	\$270,000.00
4.	Coarse Bubble Aeration			Spiral-Flux	+\$3,000.00			EDI	\$40,000.00
				EDI	+\$5,000.00			<b>Sanitaire</b>	\$41,000.00
				<b>Sanitaire</b>	\$60,000.00	<b>Sanitaire</b>			
5.	Chemical Feed Equipment			<b>Wallace &amp; Tiern</b>	\$90,000.00			<b>Wallace &amp; Tiern</b>	\$100,000.00
				Hydro	-\$45,000.00	<b>Hydro</b>		<b>Hydro</b>	\$50,000.00
6.	Chemical Induction Pump Package			<b>All-Pump</b>	\$12,000.00	<b>All-Pump</b>		<b>All-Pump</b>	\$13,000.00
7.	Blowers			H S I	+\$16,000.00			H S I	\$96,000.00
				Hibbon	+\$12,000.00			Hibbon	\$92,000.00
				<b>Gardner Denver</b>	\$90,000.00	<b>Gardner Denver</b>		<b>Gardner Denver</b>	\$81,000.00
8.	Stop Gates			<b>Plasti-Fab</b>	\$6,000.00	<b>Plasti-Fab</b>		<b>Plasti-Fab</b>	\$2,500.00
9.	Mud Valves			<b>Trumbull</b>	\$4,000.00	<b>Trumbull</b>		<b>Trumbull</b>	\$700.00
10.	Air Lift Pumps			<b>Sanitaire</b>	\$50,000.00	<b>Sanitaire</b>		<b>Sanitaire</b>	\$42,000.00
				Waucon	+\$3,000.00			Waucon	\$60,000.00
				EDI	+\$5,000.00			EDI	\$62,000.00
11.	Eccentric Plug Valves			<b>DeZurik</b>	\$4,000.00	<b>DeZurik</b>		DeZurik	\$400.00
12.	Butterfly Valves			<b>DeZurik</b>	\$4,000.00	<b>DeZurik</b>		DeZurik	\$500.00
13.	Dampened Check Valves			<b>Golden-Anderson</b>	\$4,000.00	<b>Golden-Anderson</b>			
14.	Flexible Couplings			<b>Baker</b>	\$4,000.00	<b>Baker</b>		Baker	\$800.00

