

**HARRIS COUNTY**  
**MUNICIPAL UTILITY DISTRICT NO. 500**  
**WASTEWATER COLLECTION, PAVING, AND STORM WATER FACILITIES**  
**TO SERVE**  
**TOWNE LAKE PARKWAY SOUTH OF TUCKERTON ROAD**  
**AND NORTH OF LAKECREST VIEW DRIVE**  
**UNIT BID TABULATION**

ENGINEER'S PRELIMINARY COST ESTIMATE: \$498,295.81

BID DATE: February 24, 2010

ITEM	DESCRIPTION	QUANTITY	UNIT	HARRIS CONSTRUCTION COMPANY, LTD.		BEYER CONSTRUCTION, L.L.P.		DWC MANAGEMENT, L.L.C., G.P., DAVID WIGHT CONSTRUCTION COMPANY, LTD.	
				BIDDER NO. 1 UNIT PRICE	AMOUNT	BIDDER NO. 2 UNIT PRICE	AMOUNT	BIDDER NO. 3 UNIT PRICE	AMOUNT
<b><u>WATER DISTRIBUTION SYSTEM</u></b>									
1.	Adjust, Remove and Relocate Existing 12-Inch Water Line	1	LS	\$2,500.00	\$2,500.00	\$2,665.00	\$2,665.00	\$4,616.00	\$4,616.00
2.	Adjust, Remove and Relocate Existing Fire Hydrant	3	EA	\$300.00	\$900.00	\$800.00	\$2,400.00	\$402.00	\$1,206.00
3.	Adjust, Remove and Relocate Existing Gate Valve	3	EA	\$150.00	\$450.00	\$460.00	\$1,380.00	\$287.00	\$861.00
<b>TOTAL WATER DISTRIBUTION SYSTEM:</b>					<b>\$3,850.00</b>		<b>\$6,445.00</b>		<b>\$6,683.00</b>
<b><u>WASTEWATER COLLECTION SYSTEM</u></b>									
1.	8-Inch SDR-26, PVC Sanitary Sewer ( <b>all depths</b> )	188	LF	\$100.00	\$18,800.00	\$89.00	\$16,732.00	\$87.00	\$16,356.00
2.	Standard City of Houston 4-Foot Diameter Sanitary Sewer Manhole	2	EA	\$1,375.00	\$2,750.00	\$1,269.00	\$2,538.00	\$2,105.00	\$4,210.00
3.	Extra Depth for Manhole ( <b>over 8-foot deep</b> )	18	VF	\$75.00	\$1,350.00	\$69.00	\$1,242.00	\$167.00	\$3,006.00
4.	Core Drilled Dual Connection of Proposed 8-Inch SDR-26, PVC Sanitary Sewer Pipe with Drop Connection to Existing Sanitary Sewer Manhole using Resilient/ Flexible Water Tight Connector	2	EA	\$2,250.00	\$4,500.00	\$2,032.00	\$4,064.00	\$1,769.00	\$3,538.00
5.	Adjust Existing Sanitary Sewer Manhole to Match Surrounding Natural Ground; Including Re-Setting Ring and Cover	8	EA	\$300.00	\$2,400.00	\$200.00	\$1,600.00	\$466.00	\$3,728.00
6.	Well Point De-Watering for Sanitary Sewer Construction ( <b>only as directed by the Engineer; (minimum bid \$25.00/LF)</b> )	188	LF	\$25.00	\$4,700.00	\$25.00	\$4,700.00	\$25.00	\$4,700.00

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				BIDDER NO. 1 UNIT PRICE	AMOUNT	BIDDER NO. 2 UNIT PRICE	AMOUNT	BIDDER NO. 3 UNIT PRICE	AMOUNT
7.	Crushed Stone Foundation with Filter Fabric Wrap as per City of Houston Detail No. 02317-02 (only as directed by the Engineer; minimum bid \$10.00/LF)	188	LF	\$10.00	\$1,880.00	\$10.00	\$1,880.00	\$10.00	\$1,880.00
8.	Crushed Stone Foundation and Embedment with Filter Fabric Wrap as per City of Houston Detail No. 02317-01 (only as directed by the Engineer; minimum bid \$25.00/LF)	94	LF	\$25.00	\$2,350.00	\$25.00	\$2,350.00	\$25.00	\$2,350.00
9.	Trench Safety System	188	LF	\$1.00	\$188.00	\$1.00	\$188.00	\$1.00	\$188.00
<b>TOTAL WASTEWATER COLLECTION SYSTEM:</b>					<b>\$38,918.00</b>		<b>\$35,294.00</b>		<b>\$39,956.00</b>
<b><u>STORM WATER COLLECTION SYSTEM</u></b>									
1.	4-Foot x 3-Foot, C-789, Reinforced Concrete Box Storm Sewer	240	LF	\$162.00	\$38,880.00	\$115.00	\$27,600.00	\$109.00	\$26,160.00
2.	24-Inch CL III, R/G RCP Storm Sewer	513	LF	\$51.00	\$26,163.00	\$46.00	\$23,598.00	\$36.00	\$18,468.00
3.	24-Inch CL III R/G RCP Storm Sewer Inlet Lead	135	LF	\$69.00	\$9,315.00	\$65.50	\$8,842.50	\$37.00	\$4,995.00
4.	Standard Type "C" Storm Sewer Manhole (24"-42")	4	EA	\$1,235.00	\$4,940.00	\$1,285.00	\$5,140.00	\$1,972.00	\$7,888.00
5.	Standard Type "C" Storm Sewer Manhole (48"-72")	2	EA	\$1,700.00	\$3,400.00	\$2,095.00	\$4,190.00	\$3,087.00	\$6,174.00
6.	Standard Type "H-2" Storm Sewer Inlet	4	EA	\$1,485.00	\$5,940.00	\$1,400.00	\$5,600.00	\$2,150.00	\$8,600.00
7.	Break Out and Connect Proposed 24-Inch RCP Storm Sewer Pipe to Existing Type "C" Storm Sewer Manhole	2	EA	\$350.00	\$700.00	\$287.00	\$574.00	\$368.00	\$736.00

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				BIDDER NO. 1		BIDDER NO. 2		BIDDER NO. 3	
				UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
8.	Remove and Dispose of 8-Inch Brick Plug for Existing 4-Foot x 3-Foot, C-789, Reinforced Concrete Box Storm Sewer and Connect Proposed 4-Foot x 3-Foot, C-789, Reinforced Concrete Box Storm Sewer to Existing 4-Foot x 3-Foot, C-789, Reinforced Concrete Box Storm Sewer	2	EA	\$650.00	\$1,300.00	\$287.00	\$574.00	\$287.00	\$574.00
9.	Remove and Dispose of Existing Diamond "S" Gravel Road and 6-Inch Gathering Line (only as directed and as authorized by the Engineer)	135	SY	\$18.50	\$2,497.50	\$26.00	\$3,510.00	\$5.60	\$756.00
10.	Trench Safety	888	LF	\$1.00	\$888.00	\$1.00	\$888.00	\$1.00	\$888.00
<b>TOTAL STORM WATER COLLECTION SYSTEM:</b>					<b>\$94,023.50</b>		<b>\$80,516.50</b>		<b>\$75,239.00</b>
<b><u>EXCAVATION, PAVING AND GRADING</u></b>									
1.	Roadway Excavation - On-Site Disposal on Stripped (4-inch minimum depth) and Proof Roll Tested Areas in Towne Lake Parkway as Indicated in the Approved Construction Drawings (includes approximately 1,350 Cy. of utility spoil)	2,550	CY	\$3.00	\$7,650.00	\$6.00	\$15,300.00	\$3.60	\$9,180.00
2.	Proof-Roll Test Pavement Subgrade with Fully Loaded Street Legal Tandem Axle Dump Truck Before Subgrade Stabilization Operations and Prior to Placement of Reinforced Concrete Pavement (proof roll test to be witnessed by a representative from the construction materials testing service provider and by a representative from the Engineer; a minimum of 24 hours advanced prior notice must be given to the project site representative prior to proof-roll testing operations)	1	LS	\$500.00	\$500.00	\$500.00	\$500.00	\$287.00	\$287.00

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				BIDDER NO. 1		BIDDER NO. 2		BIDDER NO. 3	
				UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
3.	Type "B" Lime (36#/Sy.)	145	TONS	\$155.00	\$22,475.00	\$135.00	\$19,575.00	\$156.00	\$22,620.00
4.	Class "C" Fly Ash (50#/Sy.)	202	TONS	\$65.00	\$13,130.00	\$61.00	\$12,322.00	\$54.00	\$10,908.00
5.	8-Inch Stabilized Subgrade Preparation	8,050	SY	\$1.60	\$12,880.00	\$1.70	\$13,685.00	\$2.00	\$16,100.00
6.	7-Inch Reinforced Concrete Pavement	6,575	SY	\$23.10	\$151,882.50	\$24.00	\$157,800.00	\$26.60	\$174,895.00
7.	6-Inch Reinforced Concrete Curb	3,570	LF	\$2.00	\$7,140.00	\$2.35	\$8,389.50	\$2.20	\$7,854.00
8.	Tie Into Existing Reinforced Concrete Pavement	3	EA	\$500.00	\$1,500.00	\$500.00	\$1,500.00	\$304.00	\$912.00
9.	Black Reinforced Concrete Median Nose	2	EA	\$350.00	\$700.00	\$700.00	\$1,400.00	\$1,256.00	\$2,512.00
10.	6-Inch Sch-40, PVC Irrigation/Electrical Sleeve (including cement stabilized sand bedding and backfill, elbows, caps, etc.; only as authorized and as directed by the Engineer)	140	LF	\$18.00	\$2,520.00	\$18.00	\$2,520.00	\$28.00	\$3,920.00
11.	Remove and Dispose of Existing Standard City of Houston Type III Barricade	3	EA	\$100.00	\$300.00	\$25.00	\$75.00	\$74.00	\$222.00
12.	Miscellaneous Traffic Sign (as per the recorded plat; only as directed by the Engineer)	3	EA	\$350.00	\$1,050.00	\$260.00	\$780.00	\$170.00	\$510.00
13.	Stop Sign with Dual Street Name Sign (as per the recorded plat; only as directed by the Engineer)	2	EA	\$400.00	\$800.00	\$433.00	\$866.00	\$300.00	\$600.00
14.	Turf Establishment for Proposed Towne Lake Parkway Embankments and Median as per Harris County Flood Control District (HCFCD) Guidelines 10.3.2 in Accordance with HCFCD Standard Specification Section 02921 - "Turf Establishment"; Inclusive of Watering, Fertilizing, Mowing and Maintenance, Until a Full Stand of Bermuda Grass has been Established and all Governing Agencies have Inspected and Accepted the Subject Project (only as directed and as authorized by the Engineer)	3	AC	\$1,400.00	\$4,200.00	\$1,350.00	\$4,050.00	\$1,469.00	\$4,407.00

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15.	Traffic Buttons and Pavement Markings per Approved Construction Drawings, HCPID Details, Specifications, Requirements, etc.	1	LS	\$2,750.00	\$2,750.00	\$3,255.55	\$3,255.55	\$2,980.00	\$2,980.00
<b>TOTAL EXCAVATION, PAVING AND GRADING:</b>					<b>\$229,477.50</b>		<b>\$242,018.05</b>		<b>\$257,907.00</b>
<b>STORM WATER POLLUTION PREVENTION PLAN</b>									
1.	Stage One Type "H-2 "Storm Sewer Inlet Protection Barriers (oak timbers wrapped with filter fabric material on top of inlet and reinforced filter fabric fence barriers, RFFF as described above, surrounding the inlet, as indicated on the SWPPP details plan sheet)	4	EA	\$50.00	\$200.00	\$20.00	\$80.00	\$120.00	\$480.00
2.	Enforcement of TPDES Requirements and General Source Controls; Including Filing NOI and NOT, Jobsite Postings, Regular Inspections, Filing Reports, etc. as Required for SWPPP Compliance for Duration of Construction Project; Contractor is to Practice Good Housekeeping Rules at All Times During Construction and is Responsible to Repair All Damage to the Control Measures as a Result of their own Construction Activities; Storm Water Solutions will be Responsible for Complete SWPPP Compliance for the Developer and for the Repair of Any and All Damage to the Control Measures Caused by Parties Other than the Contractor	1	LS	\$1,200.00	\$1,200.00	\$3,960.00	\$3,960.00	\$3,898.00	\$3,898.00
<b>TOTAL STORM WATER POLLUTION PREVENTION PLAN:</b>					<b>\$1,400.00</b>		<b>\$4,040.00</b>		<b>\$4,378.00</b>

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				BIDDER NO. 1 UNIT PRICE	AMOUNT	BIDDER NO. 2 UNIT PRICE	AMOUNT	BIDDER NO. 3 UNIT PRICE	AMOUNT
	<b><u>BID SUMMARY</u></b>								
1.	Water Distribution System				\$3,850.00		\$6,445.00		\$6,683.00
2.	Wastewater Collection System				\$38,918.00		\$35,294.00		\$39,956.00
3.	Storm Water Collection System				\$94,023.50		\$80,516.50		\$75,239.00
4.	Excavation, Paving and Grading				\$229,477.50		\$242,018.05		\$257,907.00
5.	Storm Water Pollution Prevention Plan				\$1,400.00		\$4,040.00		\$4,378.00
6.	One-Time Only Construction Staking Service (minimum bid \$7,950.00)				\$7,950.00		\$7,950.00		\$7,950.00
7.	Post Construction Topographic Verification of Underground Utilities and Paving and Record Drawing Preparation (minimum bid \$5,250.00)				\$5,250.00		\$5,250.00		\$5,250.00
	<b>TOTAL AMOUNT BID:</b>				<b>\$380,869.00</b>		<b>\$381,513.55</b>		<b>\$397,363.00</b>
	Calendar Days				45		45		45