

HARRIS COUNTY
MUNICIPAL UTILITY DISTRICT NO. 500
PAVING AND STORM WATER FACILITIES
TO SERVE
TOWNE LAKE DEVELOPMENT
TUCKERTON ROAD EAST
UNIT BID TABULATION

ENGINEER'S PRELIMINARY COST ESTIMATE: \$1,622,415.00 (unit per cost as discussed in Towne Lake meeting conducted on July 16, 2009)

BID DATE: January 21, 2010

ITEM	DESCRIPTION	QUANTITY	UNIT	ANGEL BROTHERS ENTERPRISES, LTD.		HASSELL CONSTRUCTION COMPANY, INC.		TRIPLE B SERVICES, LLP	
				BIDDER NO. 1 UNIT PRICE	BIDDER NO. 1 AMOUNT	BIDDER NO. 2 UNIT PRICE	BIDDER NO. 2 AMOUNT	BIDDER NO. 3 UNIT PRICE	BIDDER NO. 3 AMOUNT
	<u>DETENTION BASIN AND AMENITY POND EXCAVATION</u>								
1.	Strip Proposed Detention Basin Sites and All Areas to Receive Fill of all Organics and Deleterious Materials to a Minimum Depth of 4-Inches Below Natural Ground Prior to the Excavation, Placement and Grading of Any Fill Material (all strippings are to be evenly placed and graded on the filled and graded areas and on the bottom, side slopes and high banks of the proposed detention basin)	24	AC	\$270.00	\$6,480.00	\$1,200.00	\$28,800.00	\$1,500.00	\$36,000.00
2.	Proof-Roll Test All Areas to Receive Fill Prior to the Placement and Grading of any Fill Material (proof roll test to be witnessed by a representative from the construction materials testing service provider or by a representative from the Engineer)	17.98	AC	\$110.00	\$1,977.80	\$330.00	\$5,933.40	\$120.00	\$2,157.60
3.	Detention Basin Excavation - On-Site Disposal; Contractor to Haul, Place, Grade and Compact Detention Pond Spoil to the Indicated Elevations on Spoil Site No. 1 and as Indicated on the Excavation and Spoil Plan Sheets in the Approved Construction Drawings (haul, place, grade and compact spoil/fill to the proposed grades in maximum 8-Inch lifts (loose measure) and compact to 95% SPD, +/-2% of Optimum Moisture)	33,000	CY	\$1.80	\$59,400.00	\$1.50	\$49,500.00	\$2.25	\$74,250.00

HARRIS COUNTY
MUNICIPAL UTILITY DISTRICT NO. 500
PAVING AND STORM WATER FACILITIES
TO SERVE
TOWNE LAKE DEVELOPMENT
TUCKERTON ROAD EAST
UNIT BID TABULATION

ENGINEER'S PRELIMINARY COST ESTIMATE: \$1,622,415.00 (unit per cost as discussed in Towne Lake meeting conducted on July 16, 2009)

BID DATE: January 21, 2010

ITEM	DESCRIPTION	QUANTITY	UNIT	ANGEL BROTHERS ENTERPRISES, LTD.		HASSELL CONSTRUCTION COMPANY, INC.		TRIPLE B SERVICES, LLP	
				BIDDER NO. 1 UNIT PRICE	BIDDER NO. 1 AMOUNT	BIDDER NO. 2 UNIT PRICE	BIDDER NO. 2 AMOUNT	BIDDER NO. 3 UNIT PRICE	BIDDER NO. 3 AMOUNT
4.	Amenity Pond Excavation - On-Site Disposal; Contractor to Haul, Place, Grade and Compact Amenity Pond Spoil to the Indicated Elevations on Spoil Site No. 1 and as Indicated on the Excavation and Spoil Plan Sheets in the Approved Construction Drawings (haul, place, grade and compact spoil/fill to the proposed grades in maximum 8-Inch lifts (loose measure) and compact to 95% SPD, +/-2% of Optimum Moisture)	32,000	CY	\$1.80	\$57,600.00	\$1.50	\$48,000.00	\$2.25	\$72,000.00
5.	Amenity Pond Excavation - On-Site Disposal; Contractor to Haul, Place, Grade and Compact Amenity Pond Spoil to the Indicated Elevations on Spoil Site No. 2 and as Indicated on the Excavation and Spoil Plan Sheets in the Approved Construction Drawings (haul, place, grade and compact spoil/fill to the proposed grades in maximum 8-Inch lifts (loose measure) and compact to 95% SPD, +/-2% of Optimum Moisture)	6,500	CY	\$1.80	\$11,700.00	\$1.50	\$9,750.00	\$2.25	\$14,625.00
6.	Amenity Pond Excavation - On-Site Disposal; Contractor to Haul, Place, Grade and Compact Amenity Pond Spoil to the Indicated Elevations on Spoil Site No. 3 and as Indicated on the Excavation and Spoil Plan Sheets in the Approved Construction Drawings (haul, place, grade and compact spoil/fill to the proposed grades in maximum 8-Inch lifts (loose measure) and compact to 95% SPD, +/-2% of Optimum Moisture)	6,500	CY	\$1.80	\$11,700.00	\$1.50	\$9,750.00	\$2.25	\$14,625.00

HARRIS COUNTY
MUNICIPAL UTILITY DISTRICT NO. 500
PAVING AND STORM WATER FACILITIES
TO SERVE
TOWNE LAKE DEVELOPMENT
TUCKERTON ROAD EAST
UNIT BID TABULATION

ENGINEER'S PRELIMINARY COST ESTIMATE: \$1,622,415.00 (unit per cost as discussed in Towne Lake meeting conducted on July 16, 2009

BID DATE: January 21, 2010

ITEM	DESCRIPTION	QUANTITY	UNIT	ANGEL BROTHERS ENTERPRISES, LTD.		HASSELL CONSTRUCTION COMPANY, INC.		TRIPLE B SERVICES, LLP	
				BIDDER NO. 1 UNIT PRICE	BIDDER NO. 1 AMOUNT	BIDDER NO. 2 UNIT PRICE	BIDDER NO. 2 AMOUNT	BIDDER NO. 3 UNIT PRICE	BIDDER NO. 3 AMOUNT
7.	Over Excavation for Installation of Clay Slope/Erosion Protection of Approved Clay and/or Silty Clay Material with a P.I. of 20 or More - Contractor to Haul, Place, Grade and Compact Amenity Pond Spoil as Indicated on the Detention Pond Cross Section Plan Sheets in the Approved Construction Drawings (haul, place, grade and compact spoil/fill to the proposed grades in maximum 8-inch lifts (loose measure) and compact to 95% SPD, +/-2% of optimum moisture; over excavation only)	12,950	CY	\$2.00	\$25,900.00	\$1.50	\$19,425.00	\$1.00	\$12,950.00
8.	Install, Place, Grade and Compact Clay Slope/Erosion Protection on Bottom and Side Slopes of Amenity Pond with a P.I. of 20 or More Using Approved Clay and/or Silty Clay Material Excavated from Detention Basin or Amenity Pond (clay slope/erosion protection material only)	12,950	CY	\$2.00	\$25,900.00	\$2.00	\$25,900.00	\$1.70	\$22,015.00
9.	Turf Establishment - Detention Basin Side Slopes, High Banks, Maintenance Berms, etc.; 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, Overseeding and Maintenance, Until a Full Stand of Bermuda Grass has been Established and all Governing Agencies have Inspected and Finally Accepted the Subject Project Into the One-Year Maintenance Period (only as directed and as authorized by the Engineer)	3	AC	\$1,250.00	\$3,750.00	\$1,800.00	\$5,400.00	\$1,742.00	\$5,226.00

HARRIS COUNTY
MUNICIPAL UTILITY DISTRICT NO. 500
PAVING AND STORM WATER FACILITIES
TO SERVE
TOWNE LAKE DEVELOPMENT
TUCKERTON ROAD EAST
UNIT BID TABULATION

ENGINEER'S PRELIMINARY COST ESTIMATE: \$1,622,415.00 (unit per cost as discussed in Towne Lake meeting conducted on July 16, 2009

BID DATE: January 21, 2010

ITEM	DESCRIPTION	QUANTITY	UNIT	ANGEL BROTHERS ENTERPRISES, LTD.		HASSELL CONSTRUCTION COMPANY, INC.		TRIPLE B SERVICES, LLP	
				BIDDER NO. 1 UNIT PRICE	BIDDER NO. 1 AMOUNT	BIDDER NO. 2 UNIT PRICE	BIDDER NO. 2 AMOUNT	BIDDER NO. 3 UNIT PRICE	BIDDER NO. 3 AMOUNT
10.	Lake Water Barricade and De-Watering of Lake Water from the Existing Lake Area Construction Zone as Required for All Phases of Detention/Amenity Pond Excavation Construction by Means Other than an Earthen Cofferd Dam; Lake Water Barricade not to Exceed Elevation 138.10 (including, but not limited to, lake water barricade for proposed marina excavation and pumping of existing standing lake water from lake area construction zone and/or storm water run-off; installation and removal)	1	LS	\$193,000.00	\$193,000.00	\$161,157.35	\$161,157.35	\$158,000.00	\$158,000.00
11.	Pumping of Collection Storm Water Run-Off as Required During Proposed Detention Basin/Amenity Pond Construction (3,000 GPM minimum per pumping operation; one (1) day is defined as pumping out Storm Water Run-Off for one (1) continuous twelve (12) hour period with one (1) 3,000 GPM pump (min); only as directed and as authorized by the Engineer)	15	DAYS	\$550.00	\$8,250.00	\$600.00	\$9,000.00	\$1,000.00	\$15,000.00
12.	Well Point De-Watering for Groundwater Control for Proposed Detention/Amenity Excavation Construction (minimum bid \$25.00/LF; only as approved and directed by the Engineer)	3,075	LF	\$25.00	\$76,875.00	\$25.00	\$76,875.00	\$25.00	\$76,875.00
TOTAL DETENTION BASIN AND AMENITY POND EXCAVATION:					\$482,532.80		\$449,490.75		\$503,723.60
ALTERNATE BID ITEMS									
1.	Detention Basin Excavation - Off-Site Disposal (Contractor to properly dispose of all excavated material off-site at no additional expense to the Owner)	33,000	CY	\$8.00	\$264,000.00	\$12.00	\$396,000.00	\$7.50	\$247,500.00

**HARRIS COUNTY
MUNICIPAL UTILITY DISTRICT NO. 500
PAVING AND STORM WATER FACILITIES
TO SERVE
TOWNE LAKE DEVELOPMENT
TUCKERTON ROAD EAST
UNIT BID TABULATION**

ENGINEER'S PRELIMINARY COST ESTIMATE: \$1,622,415.00 (unit per cost as discussed in Towne Lake meeting conducted on July 16, 2009)

BID DATE: January 21, 2010

ITEM	DESCRIPTION	QUANTITY	UNIT	ANGEL BROTHERS ENTERPRISES, LTD.		HASSELL CONSTRUCTION COMPANY, INC.		TRIPLE B SERVICES, LLP	
				BIDDER NO. 1		BIDDER NO. 2		BIDDER NO. 3	
				UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
2.	Import, Install, Place, Grade and Compact 2-Foot Thick Clay Liner with a Minimum P.I. of 20 or Greater (on Bottom and Side Slopes of Marina using Clay and Silty Clay Material Excavated from Amenity Basin(s))	12,950	CY	\$11.50	\$148,925.00	\$12.00	\$155,400.00	\$13.00	\$168,350.00
3.	Scarify Entire Amenity Pond with a Minimum P.I. of 20 on Bottom and Side Slopes to a Minimum Depth of 12-Inches and Re-Compact to 95% Standard Proctor Density Using a Vibratory Sheepsfoot Compactor	19,150	SY	\$1.65	\$31,597.50	\$1.70	\$32,555.00	\$0.75	\$14,362.50
<u>WATER DISTRIBUTION SYSTEM</u>									
1.	12-Inch C-900, PVC Restrained Joint Water Line (including ductile restrained joint fittings)	155	LF	\$55.00	\$8,525.00	\$92.00	\$14,260.00	\$60.00	\$9,300.00
2.	8-Inch C-900, PVC Water Line	108	LF	\$22.00	\$2,376.00	\$69.00	\$7,452.00	\$34.00	\$3,672.00
3.	12-Inch Gate Valve with Box	1	EA	\$1,900.00	\$1,900.00	\$2,100.00	\$2,100.00	\$1,850.00	\$1,850.00
4.	8-Inch Gate Valve with Box	1	EA	\$1,000.00	\$1,000.00	\$1,100.00	\$1,100.00	\$960.00	\$960.00
5.	Remove and Dispose of Existing 12-Inch Plug and Clamp and 2-Inch Blow-Off Valve	1	EA	\$50.00	\$50.00	\$200.00	\$200.00	\$120.00	\$120.00
6.	Remove and Dispose of Existing 8-Inch Plug and Clamp and 2-Inch Blow-Off Valve	1	EA	\$50.00	\$50.00	\$200.00	\$200.00	\$120.00	\$120.00
7.	12-Inch Wet Connection	1	EA	\$570.00	\$570.00	\$2,700.00	\$2,700.00	\$460.00	\$460.00
8.	8-Inch Wet Connection	1	EA	\$300.00	\$300.00	\$2,300.00	\$2,300.00	\$225.00	\$225.00
9.	12-Inch Plug and Clamp	1	EA	\$230.00	\$230.00	\$280.00	\$280.00	\$160.00	\$160.00
10.	8-Inch Plug and Clamp	1	EA	\$200.00	\$200.00	\$230.00	\$230.00	\$100.00	\$100.00

**HARRIS COUNTY
MUNICIPAL UTILITY DISTRICT NO. 500
PAVING AND STORM WATER FACILITIES
TO SERVE
TOWNE LAKE DEVELOPMENT
TUCKERTON ROAD EAST
UNIT BID TABULATION**

ENGINEER'S PRELIMINARY COST ESTIMATE: \$1,622,415.00 (unit per cost as discussed in Towne Lake meeting conducted on July 16, 2009

BID DATE: January 21, 2010

ITEM	DESCRIPTION	QUANTITY	UNIT	ANGEL BROTHERS ENTERPRISES, LTD.		HASSELL CONSTRUCTION COMPANY, INC.		TRIPLE B SERVICES, LLP	
				BIDDER NO. 1 UNIT PRICE	BIDDER NO. 1 AMOUNT	BIDDER NO. 2 UNIT PRICE	BIDDER NO. 2 AMOUNT	BIDDER NO. 3 UNIT PRICE	BIDDER NO. 3 AMOUNT
11.	2-Inch Blow-Off Valve with Box Including Check Valve	2	EA	\$690.00	\$1,380.00	\$1,200.00	\$2,400.00	\$550.00	\$1,100.00
12.	Ductile Iron Fittings	1.0	TONS	\$1,200.00	\$1,200.00	\$2,200.00	\$2,200.00	\$1.00	\$1.00
13.	Trench Safety	263	LF	\$1.00	\$263.00	\$1.00	\$263.00	\$1.00	\$263.00
	TOTAL WATER DISTRIBUTION SYSTEM:				\$18,044.00		\$35,685.00		\$18,331.00
	<u>WASTEWATER COLLECTION SYSTEM</u>								
1.	8-Inch SDR-26, PVC Sanitary Sewer (all depths)	93	LF	\$83.00	\$7,719.00	\$36.00	\$3,348.00	\$106.00	\$9,858.00
2.	Standard City of Houston 4-Foot Diameter Sanitary Sewer Manhole	1	EA	\$1,500.00	\$1,500.00	\$2,800.00	\$2,800.00	\$1,500.00	\$1,500.00
3.	Extra Depth for Manhole (over 8-foot deep)	11	VF	\$80.00	\$880.00	\$220.00	\$2,420.00	\$80.00	\$880.00
4.	Remove and Dispose of Existing 8-Inch SDR-26, PVC Sanitary Sewer Stub and Plug and Connect Proposed 8-Inch SDR-26, PVC Sanitary Sewer Pipe to Existing Sanitary Sewer Manhole	1	EA	\$50.00	\$50.00	\$1,600.00	\$1,600.00	\$120.00	\$120.00
5.	Well Point De-Watering for Sanitary Sewer Construction (only as directed by the Engineer; minimum bid \$25.00/LF)	93	LF	\$25.00	\$2,325.00	\$25.00	\$2,325.00	\$25.00	\$2,325.00
6.	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)	93	LF	\$10.00	\$930.00	\$10.00	\$930.00	\$10.00	\$930.00
7.	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)	47	LF	\$25.00	\$1,175.00	\$25.00	\$1,175.00	\$25.00	\$1,175.00

HARRIS COUNTY
MUNICIPAL UTILITY DISTRICT NO. 500
PAVING AND STORM WATER FACILITIES
TO SERVE
TOWNE LAKE DEVELOPMENT
TUCKERTON ROAD EAST
UNIT BID TABULATION

ENGINEER'S PRELIMINARY COST ESTIMATE: \$1,622,415.00 (unit per cost as discussed in Towne Lake meeting conducted on July 16, 2009)

BID DATE: January 21, 2010

ITEM	DESCRIPTION	QUANTITY	UNIT	ANGEL BROTHERS ENTERPRISES, LTD.		HASSELL CONSTRUCTION COMPANY, INC.		TRIPLE B SERVICES, LLP	
				BIDDER NO. 1 UNIT PRICE	BIDDER NO. 1 AMOUNT	BIDDER NO. 2 UNIT PRICE	BIDDER NO. 2 AMOUNT	BIDDER NO. 3 UNIT PRICE	BIDDER NO. 3 AMOUNT
8.	Trench Safety System	93	LF	\$4.00	\$372.00	\$1.00	\$93.00	\$1.00	\$93.00
	TOTAL WASTEWATER COLLECTION SYSTEM:				\$14,951.00		\$14,691.00		\$16,881.00
	<u>STORM WATER COLLECTION SYSTEM</u>								
1.	7-Foot x 2-Foot, C-789, Reinforced Concrete Box Storm Sewer	170	LF	\$266.00	\$45,220.00	\$320.00	\$54,400.00	\$260.00	\$44,200.00
2.	4-Foot x 3-Foot, C-789, Reinforced Concrete Box Storm Sewer	182	LF	\$140.00	\$25,480.00	\$175.00	\$31,850.00	\$150.00	\$27,300.00
3.	48-Inch DR-17, HDPE Storm Sewer (Contractor to coordinate and specify a 48-Inch inside pipe diameter with pipe supplier; 48-Inch DR-17, HDPE Storm Sewer to be spaced apart by 2-Feet horizontally)	386	LF	\$246.00	\$94,956.00	\$200.00	\$77,200.00	\$318.00	\$122,748.00
4.	36-Inch x 58 1/2-Inch, C-506, Reinforced Concrete Arch Pipe Storm Sewer	146	LF	\$155.00	\$22,630.00	\$185.00	\$27,010.00	\$234.00	\$34,164.00
5.	36-Inch CL III, R/G RCP Storm Sewer	34	LF	\$95.00	\$3,230.00	\$95.00	\$3,230.00	\$86.00	\$2,924.00
6.	30-Inch CL III, R/G RCP Storm Sewer (including connection to existing storm sewer pipe)	331	LF	\$69.00	\$22,839.00	\$79.00	\$26,149.00	\$63.00	\$20,853.00
7.	24-Inch CL III, R/G RCP Storm Sewer	1,304	LF	\$47.00	\$61,288.00	\$62.00	\$80,848.00	\$49.00	\$63,896.00
8.	24-Inch CL III R/G RCP Storm Sewer Inlet Lead	588	LF	\$46.00	\$27,048.00	\$66.00	\$38,808.00	\$51.00	\$29,988.00
9.	19-Inch x 30-Inch, CL III R/G RCE, Reinforced Concrete Elliptical Pipe Storm Sewer	393	LF	\$74.00	\$29,082.00	\$95.00	\$37,335.00	\$100.00	\$39,300.00
10.	Standard Type "C" Storm Sewer Manhole (24"-42")	12	EA	\$1,700.00	\$20,400.00	\$2,500.00	\$30,000.00	\$1,210.00	\$14,520.00

**HARRIS COUNTY
MUNICIPAL UTILITY DISTRICT NO. 500
PAVING AND STORM WATER FACILITIES
TO SERVE
TOWNE LAKE DEVELOPMENT
TUCKERTON ROAD EAST
UNIT BID TABULATION**

ENGINEER'S PRELIMINARY COST ESTIMATE: \$1,622,415.00 (unit per cost as discussed in Towne Lake meeting conducted on July 16, 2009)

BID DATE: January 21, 2010

ITEM	DESCRIPTION	QUANTITY	UNIT	ANGEL BROTHERS ENTERPRISES, LTD.		HASSELL CONSTRUCTION COMPANY, INC.		TRIPLE B SERVICES, LLP	
				BIDDER NO. 1		BIDDER NO. 2		BIDDER NO. 3	
				UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
11.	Standard Type "C" Storm Sewer Manhole (48"-72")	3	EA	\$1,970.00	\$5,910.00	\$5,800.00	\$17,400.00	\$1,670.00	\$5,010.00
12.	Standard Type "C" Storm Sewer Manhole (78" or Larger)	3	EA	\$4,300.00	\$12,900.00	\$5,000.00	\$15,000.00	\$4,400.00	\$13,200.00
13.	Standard Type "C-1" Storm Sewer Inlet	11	EA	\$1,950.00	\$21,450.00	\$2,222.00	\$24,442.00	\$1,950.00	\$21,450.00
14.	7-Foot x 6-Foot Intake Box	2	EA	\$6,900.00	\$13,800.00	\$8,200.00	\$16,400.00	\$7,000.00	\$14,000.00
15.	Brick Plug for Proposed 4-Foot x 3-Foot, C-789, Reinforced Concrete Box Storm Sewer	2	EA	\$330.00	\$660.00	\$440.00	\$880.00	\$150.00	\$300.00
16.	Brick Plug for Proposed 24-Inch RCP Storm Sewer	5	EA	\$150.00	\$750.00	\$137.00	\$685.00	\$80.00	\$400.00
17.	Drainage Swale (inclusive of hydromulch seeding; including 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)	1,783	LF	\$3.50	\$6,240.50	\$3.00	\$5,349.00	\$3.20	\$5,705.60
18.	5-Inch Thick Reinforced Concrete Slope Paving Around Proposed RCP Storm Sewer; Including Continuous Perimeter Toe Walls (5-sack minimum/3,000 PSI at 28 days; as per the details and Approved Construction Drawings)	100	SY	\$55.00	\$5,500.00	\$62.00	\$6,200.00	\$55.00	\$5,500.00
19.	18-Inch Thick Buried Broken Concrete Rip Rap Including Woven Filter Fabric Surrounding (80#-150#)	250	SY	\$50.00	\$12,500.00	\$39.00	\$9,750.00	\$37.00	\$9,250.00
20.	Remove and Dispose of Existing 24-Inch Storm Sewer	62	LF	\$6.00	\$372.00	\$19.00	\$1,178.00	\$12.00	\$744.00
21.	Remove and Dispose of Existing Safety End Treatment	4	EA	\$275.00	\$1,100.00	\$160.00	\$640.00	\$100.00	\$400.00
22.	Remove and Dispose of Existing Storm Sewer Inlet	1	EA	\$100.00	\$100.00	\$275.00	\$275.00	\$150.00	\$150.00

HARRIS COUNTY
MUNICIPAL UTILITY DISTRICT NO. 500
PAVING AND STORM WATER FACILITIES
TO SERVE
TOWNE LAKE DEVELOPMENT
TUCKERTON ROAD EAST
UNIT BID TABULATION

ENGINEER'S PRELIMINARY COST ESTIMATE: \$1,622,415.00 (unit per cost as discussed in Towne Lake meeting conducted on July 16, 2009)

BID DATE: January 21, 2010

ITEM	DESCRIPTION	QUANTITY	UNIT	ANGEL BROTHERS ENTERPRISES, LTD.		HASSELL CONSTRUCTION COMPANY, INC.		TRIPLE B SERVICES, LLP	
				BIDDER NO. 1 UNIT PRICE	BIDDER NO. 1 AMOUNT	BIDDER NO. 2 UNIT PRICE	BIDDER NO. 2 AMOUNT	BIDDER NO. 3 UNIT PRICE	BIDDER NO. 3 AMOUNT
23.	Remove and Dispose of Existing and Abandoned (not in service) Diamond "S" Gathering Salt Water Line Beneath Spoil Site No. 2 (only as directed and as authorized by the Engineer)	160	LF	\$10.00	\$1,600.00	\$61.00	\$9,760.00	\$10.00	\$1,600.00
24.	1.5-Foot Earthen Berm (haul, place, grade and compact spoil/fill to the proposed grades in maximum 8-Inch lifts (loose measure) and compact to 95% SPD, +/-2% of Optimum Moisture)	125	CY	\$10.00	\$1,250.00	\$3.00	\$375.00	\$7.00	\$875.00
25.	Well Point De-Watering as Required for Storm Sewer Outfall Pipe Construction (only as directed and as authorized by the Engineer)	306	LF	\$18.50	\$5,661.00	\$25.00	\$7,650.00	\$1.00	\$306.00
26.	Crushed Rock Bedding and Backfill as Required for Wet Sand Storm Sewer Outfall Pipe Construction (only as directed and as authorized by the Engineer)	306	LF	\$11.00	\$3,366.00	\$20.00	\$6,120.00	\$1.00	\$306.00
27.	12-Foot Wide by 6-Inch Thick Crushed Stone All Weather Access Road on Compacted Subgrade; Including Geotextile Fabric (as indicated in the Approved Construction Drawings and Details)	1,250	SY	\$10.25	\$12,812.50	\$12.00	\$15,000.00	\$12.00	\$15,000.00
28.	Drain, Excavate, Muck Out and Clean Out Two Foot Depth within Drainage Pond Limits (per the Approved Construction Drawings and Details)	300	CY	\$10.00	\$3,000.00	\$7.00	\$2,100.00	\$5.00	\$1,500.00
29.	Trench Safety	3,500	LF	\$0.25	\$875.00	\$1.00	\$3,500.00	\$1.00	\$3,500.00
TOTAL STORM WATER COLLECTION SYSTEM:					\$462,020.00		\$549,534.00		\$499,089.60

HARRIS COUNTY
MUNICIPAL UTILITY DISTRICT NO. 500
PAVING AND STORM WATER FACILITIES
TO SERVE
TOWNE LAKE DEVELOPMENT
TUCKERTON ROAD EAST
UNIT BID TABULATION

ENGINEER'S PRELIMINARY COST ESTIMATE: \$1,622,415.00 (unit per cost as discussed in Towne Lake meeting conducted on July 16, 2009)

BID DATE: January 21, 2010

ITEM	DESCRIPTION	QUANTITY	UNIT	ANGEL BROTHERS ENTERPRISES, LTD.		HASSELL CONSTRUCTION COMPANY, INC.		TRIPLE B SERVICES, LLP	
				BIDDER NO. 1 UNIT PRICE	BIDDER NO. 1 AMOUNT	BIDDER NO. 2 UNIT PRICE	BIDDER NO. 2 AMOUNT	BIDDER NO. 3 UNIT PRICE	BIDDER NO. 3 AMOUNT
<u>EXCAVATION, PAVING AND GRADING</u>									
1.	Roadway Excavation - On-Site Disposal on Stripped (4-inch minimum depth) and Proof Roll Tested Areas in Tuckerton Road as Indicated in the Approved Construction Drawings (includes approximately 4,850 Cy. of utility spoil)	9,350	CY	\$1.80	\$16,830.00	\$1.50	\$14,025.00	\$2.25	\$21,037.50
2.	Spread, Grade and Compact On-Site Stockpile Clean Fill Material in Proposed Tuckerton Road; Stockpile Clean Fill Material (grade and compact spoil/fill material in maximum 8-Inch lifts (loose measure) and compact to 95% SPD, +/- 2% of Optimum Moisture only as approved by the Engineer)	1,975	CY	\$1.50	\$2,962.50	\$1.00	\$1,975.00	\$1.90	\$3,752.50
3.	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	\$800.00	\$800.00	\$1,200.00	\$1,200.00
4.	Type "B" Lime (36#/Sy.)	293	TONS	\$148.00	\$43,364.00	\$150.00	\$43,950.00	\$140.00	\$41,020.00
5.	Class "C" Fly Ash (50#/Sy.)	407	TONS	\$52.00	\$21,164.00	\$52.00	\$21,164.00	\$65.00	\$26,455.00
6.	8-Inch Stabilized Subgrade Preparation	16,275	SY	\$1.70	\$27,667.50	\$1.45	\$23,598.75	\$1.65	\$26,853.75
7.	10-Inch Reinforced Concrete Pavement (#4 bars at 18-Inch longitudinal; 18-Inch transverse; 3,000 PSI @ 28-days)	14,655	SY	\$34.40	\$504,132.00	\$30.00	\$439,650.00	\$32.15	\$471,158.25

**HARRIS COUNTY
MUNICIPAL UTILITY DISTRICT NO. 500
PAVING AND STORM WATER FACILITIES
TO SERVE
TOWNE LAKE DEVELOPMENT
TUCKERTON ROAD EAST
UNIT BID TABULATION**

ENGINEER'S PRELIMINARY COST ESTIMATE: \$1,622,415.00 (unit per cost as discussed in Towne Lake meeting conducted on July 16, 2009)

BID DATE: January 21, 2010

ITEM	DESCRIPTION	QUANTITY	UNIT	ANGEL BROTHERS ENTERPRISES, LTD.		HASSELL CONSTRUCTION COMPANY, INC.		TRIPLE B SERVICES, LLP	
				BIDDER NO. 1		BIDDER NO. 2		BIDDER NO. 3	
				UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
8.	5-Inch Blackened Reinforced Concrete Pavement	96	SY	\$38.00	\$3,648.00	\$27.00	\$2,592.00	\$65.00	\$6,240.00
9.	10-Inch Thick Stabilized Crushed Stone Base Material (on 8-inch thick stabilized and compacted subgrade)	550	SY	\$20.70	\$11,385.00	\$27.00	\$14,850.00	\$22.00	\$12,100.00
10.	2-Inch Thick Type "D" HMAC Overlay	525	SY	\$15.85	\$8,321.25	\$18.00	\$9,450.00	\$18.00	\$9,450.00
11.	6-Inch Concrete Curb with Dowels	712	LF	\$6.50	\$4,628.00	\$2.35	\$1,673.20	\$6.35	\$4,521.20
12.	6-Inch Concrete Curb with No Dowels	336	LF	\$2.10	\$705.60	\$2.00	\$672.00	\$2.90	\$974.40
13.	6-Inch Reinforced Concrete Curb	9,080	LF	\$2.10	\$19,068.00	\$1.90	\$17,252.00	\$2.90	\$26,332.00
14.	Sawcut, Remove and Dispose of Existing Reinforced Concrete Pavement and Curb	984	LF	\$4.00	\$3,936.00	\$3.70	\$3,640.80	\$15.00	\$14,760.00
15.	Tie Into Existing Reinforced Concrete Pavement (only as directed and as authorized by the Engineer)	2	EA	\$500.00	\$1,000.00	\$400.00	\$800.00	\$750.00	\$1,500.00
16.	Black Reinforced Concrete Median Nose	2	EA	\$265.00	\$530.00	\$1,400.00	\$2,800.00	\$600.00	\$1,200.00
17.	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)	551	LF	\$17.00	\$9,367.00	\$22.00	\$12,122.00	\$18.00	\$9,918.00
18.	Standard Paving Header with Load Transfer Device	156	LF	\$15.00	\$2,340.00	\$6.00	\$936.00	\$17.00	\$2,652.00
19.	Single Colored Reinforced Concrete Wheelchair Ramps (as per current Harris County details, specifications, standards, etc.)	2	EA	\$950.00	\$1,900.00	\$900.00	\$1,800.00	\$1,320.00	\$2,640.00
20.	Dual Colored Reinforced Concrete Wheelchair Ramps (as per current Harris County details, specifications, standards, etc.)	6	EA	\$1,275.00	\$7,650.00	\$1,200.00	\$7,200.00	\$1,375.00	\$8,250.00

**HARRIS COUNTY
MUNICIPAL UTILITY DISTRICT NO. 500
PAVING AND STORM WATER FACILITIES
TO SERVE
TOWNE LAKE DEVELOPMENT
TUCKERTON ROAD EAST
UNIT BID TABULATION**

ENGINEER'S PRELIMINARY COST ESTIMATE: \$1,622,415.00 (unit per cost as discussed in Towne Lake meeting conducted on July 16, 2009)

BID DATE: January 21, 2010

ITEM	DESCRIPTION	QUANTITY	UNIT	ANGEL BROTHERS ENTERPRISES, LTD.		HASSELL CONSTRUCTION COMPANY, INC.		TRIPLE B SERVICES, LLP	
				BIDDER NO. 1		BIDDER NO. 2		BIDDER NO. 3	
				UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
21.	Remove and Dispose of Existing Standard City of Houston Type III Barricade	1	EA	\$150.00	\$150.00	\$275.00	\$275.00	\$300.00	\$300.00
22.	Standard City of Houston Type III Barricade	11	EA	\$870.00	\$9,570.00	\$900.00	\$9,900.00	\$900.00	\$9,900.00
23.	Miscellaneous Traffic Sign (as per the recorded plat; only as directed by the Engineer)	6	EA	\$260.00	\$1,560.00	\$265.00	\$1,590.00	\$275.00	\$1,650.00
24.	Dual Street Name Sign (as per the recorded plat; only as directed by the Engineer)	3	EA	\$260.00	\$780.00	\$265.00	\$795.00	\$275.00	\$825.00
25.	Stop Sign with Dual Street Name Sign (as per the recorded plat; only as directed by the Engineer)	4	EA	\$260.00	\$1,040.00	\$265.00	\$1,060.00	\$275.00	\$1,100.00
26.	Block Out for Proposed Manhole (as indicated in the Approved Construction Drawings and Details)	1	EA	\$50.00	\$50.00	\$200.00	\$200.00	\$800.00	\$800.00
27.	Breakout, Remove and Dispose of Existing Gravel Roadway (as indicated in the Approved Construction Drawings and Details)	1,525	SY	\$2.00	\$3,050.00	\$3.30	\$5,032.50	\$2.00	\$3,050.00
28.	Breakout, Remove and Dispose of Existing Reinforced Concrete Driveway (as indicated in the Approved Construction Drawings and Details)	60	SY	\$6.00	\$360.00	\$3.30	\$198.00	\$25.00	\$1,500.00
29.	Bermuda Sod (Contractor to place Bermuda Sod on cleaned filled areas in Tuckerton Road as indicated in the Approved Construction Drawings; 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)	1,925	SY	\$3.60	\$6,930.00	\$3.00	\$5,775.00	\$2.75	\$5,293.75

**HARRIS COUNTY
MUNICIPAL UTILITY DISTRICT NO. 500
PAVING AND STORM WATER FACILITIES
TO SERVE
TOWNE LAKE DEVELOPMENT
TUCKERTON ROAD EAST
UNIT BID TABULATION**

ENGINEER'S PRELIMINARY COST ESTIMATE: \$1,622,415.00 (unit per cost as discussed in Towne Lake meeting conducted on July 16, 2009)

BID DATE: January 21, 2010

ITEM	DESCRIPTION	QUANTITY	UNIT	ANGEL BROTHERS ENTERPRISES, LTD.		HASSELL CONSTRUCTION COMPANY, INC.		TRIPLE B SERVICES, LLP	
				BIDDER NO. 1		BIDDER NO. 2		BIDDER NO. 3	
				UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
30.	Traffic Buttons and Pavement Markings per Approved Construction Drawings, HCPID Details, Specifications, Requirements, etc. (including removal of all existing pavement markings and buttons)	1	LS	\$12,225.00	\$12,225.00	\$12,500.00	\$12,500.00	\$12,500.00	\$12,500.00
31.	Traffic Control for Tuckerton Road and Barker Cypress Road Right Turn Lane Construction; Including, but not Limited to, Traffic Control Plan Included in the Tuckerton Road Construction Drawings, Plan Implementation, Set-Up, Takedown, Miscellaneous Construction Signs and Regular Maintenance as Required During Construction	1	LS	\$8,200.00	\$8,200.00	\$8,500.00	\$8,500.00	\$10,000.00	\$10,000.00
32.	Turf Establishment for Proposed Tuckerton Road and Tuckerton Road Bridge Embankments as per Harris County Flood Control District (HCFCF) Guidelines 10.3.2 in Accordance with HCFCF 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)	13	AC	\$1,250.00	\$16,250.00	\$1,600.00	\$20,800.00	\$1,500.00	\$19,500.00
TOTAL EXCAVATION, PAVING AND GRADING:					\$751,263.85		\$687,576.25		\$758,433.35

HARRIS COUNTY
MUNICIPAL UTILITY DISTRICT NO. 500
PAVING AND STORM WATER FACILITIES
TO SERVE
TOWNE LAKE DEVELOPMENT
TUCKERTON ROAD EAST
UNIT BID TABULATION

ENGINEER'S PRELIMINARY COST ESTIMATE: \$1,622,415.00 (unit per cost as discussed in Towne Lake meeting conducted on July 16, 2009)

BID DATE: January 21, 2010

ITEM	DESCRIPTION	QUANTITY	UNIT	ANGEL BROTHERS ENTERPRISES, LTD.		HASSELL CONSTRUCTION COMPANY, INC.		TRIPLE B SERVICES, LLP	
				BIDDER NO. 1 UNIT PRICE	BIDDER NO. 1 AMOUNT	BIDDER NO. 2 UNIT PRICE	BIDDER NO. 2 AMOUNT	BIDDER NO. 3 UNIT PRICE	BIDDER NO. 3 AMOUNT
	<u>TRAFFIC SIGNALIZATION</u>								
1.	Construction and Installation of a Complete Traffic Signalization System (Complete in Place and Fully Operational and Functional, Including All Materials, Labor, Equipment, Miscellaneous and Required Components and Appurtenances Necessary to Complete this Traffic Signal System per the Approved Construction Drawings and Details, General Notes, Contract Documents, General and Special Conditions, Technical Specifications and any Addendum(s))	1	LS	\$95,000.00	\$95,000.00	\$92,000.00	\$92,000.00	\$86,000.00	\$86,000.00
	TOTAL TRAFFIC SIGNALIZATION:				\$95,000.00		\$92,000.00		\$86,000.00
	<u>STORM WATER POLLUTION PREVENTION PLAN</u>								
1.	Stage One Type "C-1" 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)	11	EA	\$110.00	\$1,210.00	\$200.00	\$2,200.00	\$85.00	\$935.00
2.	Rock Filter Dam (installation, maintenance and removal after vegetation has been established; complete in place including all miscellaneous and required components and appurtenances, as per the Approved Construction Drawings and Details, General Notes, Contract Documents, General and Special Conditions; Technical Specifications and any Addendum; only as directed by the Engineer)	1	EA	\$650.00	\$650.00	\$1,400.00	\$1,400.00	\$1,700.00	\$1,700.00

**HARRIS COUNTY
MUNICIPAL UTILITY DISTRICT NO. 500
PAVING AND STORM WATER FACILITIES
TO SERVE
TOWNE LAKE DEVELOPMENT
TUCKERTON ROAD EAST
UNIT BID TABULATION**

ENGINEER'S PRELIMINARY COST ESTIMATE: \$1,622,415.00 (unit per cost as discussed in Towne Lake meeting conducted on July 16, 2009)

BID DATE: January 21, 2010

ITEM	DESCRIPTION	QUANTITY	UNIT	ANGEL BROTHERS ENTERPRISES, LTD.		HASSELL CONSTRUCTION COMPANY, INC.		TRIPLE B SERVICES, LLP	
				BIDDER NO. 1		BIDDER NO. 2		BIDDER NO. 3	
				UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
3.	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	\$5,600.00	\$5,600.00	\$8,200.00	\$8,200.00	\$300.00	\$300.00
TOTAL STORM WATER POLLUTION PREVENTION PLAN:					\$7,460.00	\$11,800.00	\$2,935.00		
<u>BID SUMMARY</u>									
1.	Detention Basin and Amenity Excavation				\$482,532.80		\$449,490.75		\$503,723.60
2.	Water Distribution System				\$18,044.00		\$35,685.00		\$18,331.00
3.	Wastewater Collection System				\$14,951.00		\$14,691.00		\$16,881.00
4.	Storm Water Collection System				\$462,020.00		\$549,534.00		\$499,089.60
5.	Excavation, Paving and Grading				\$751,263.85		\$687,576.25		\$758,433.35
6.	Traffic Signalization				\$95,000.00		\$92,000.00		\$86,000.00
7.	Storm Water Pollution Prevention Plan				\$7,460.00		\$11,800.00		\$2,935.00
8.	One-Time Only Construction Staking Service (minimum bid \$39,850.00)				\$39,850.00		\$39,850.00		\$39,850.00

HARRIS COUNTY
MUNICIPAL UTILITY DISTRICT NO. 500
PAVING AND STORM WATER FACILITIES
TO SERVE
TOWNE LAKE DEVELOPMENT
TUCKERTON ROAD EAST
UNIT BID TABULATION

ENGINEER'S PRELIMINARY COST ESTIMATE: \$1,622,415.00 (unit per cost as discussed in Towne Lake meeting conducted on July 16, 2009)

BID DATE: January 21, 2010

ITEM	DESCRIPTION	QUANTITY	UNIT	ANGEL BROTHERS ENTERPRISES, LTD.	HASSELL CONSTRUCTION COMPANY, INC.	TRIPLE B SERVICES, LLP
				BIDDER NO. 1 UNIT PRICE	BIDDER NO. 2 UNIT PRICE	BIDDER NO. 3 UNIT PRICE
9.	Post Construction Topographic Verification of Detention Basin/Amenity Pond Excavation, Underground Utilities and Paving and Record Drawing Preparation (minimum bid \$13,750.00)			\$13,750.00	\$13,750.00	\$13,750.00
	TOTAL AMOUNT BID:			\$1,884,871.65	\$1,894,377.00	\$1,938,993.55
	Calendar Days			120	120	120

NOTE: The natural ground elevations shown in the profile views of the Construction Drawings are approximate and may reflect the natural ground conditions prior to the placement and grading of the mentioned detention basin/lake excavation spoil material. Since the underground utilities (to be constructed for this project) are designated to be "all depths", the Contractor will NOT be additionally compensated for the "extra depth" construction of the underground utilities for this project through the filled, graded and modified natural ground conditions/areas that have taken place prior to the commencement of the construction of this project.

NOTE: Earthen coffer dams of any kind in the existing lake will not be allowed for storm sewer construction on this project.

NOTE: Portadam, Inc.[®] is an approved lake water barricade manufacturer. However, the Contractor is free to choose his own means and methods for Lake Water Barricade construction and De-Watering of Lake Water.

NOTE: Expose and backfill all utilities under future pavement with 1.1 sack per ton (minimum) cement stabilized sand within one (1) foot of the proposed pavement subgrade.

NOTE: Benching Existing Side Slopes to be Filled is Considered Incidental to Excavation Operations and at no Additional Cost to the Owner.

NOTE: The Contractor is to submit a price for excavation and paving for Tuckerton Road west of Barker Cypress Road, including Barker Cypress Road Left Turn Lane as indicated in the Approved Construction Drawings. The excavation and paving for Tuckerton Road east of Barker Cypress Road will NOT be a part of this contract.

NOTE: The Contractor is to submit a price for a complete traffic signalization system for Tuckerton Road east and west of Barker Cypress Road as indicated in the Approved Construction Drawings.

NOTE: The Contractor is to submit a price for the storm water collection system for Tuckerton Road west of Barker Cypress Road as indicated in the Approved Construction Drawings. The storm water collection system for Tuckerton Road east of Barker Cypress Road will NOT be a part of this contract.

HARRIS COUNTY
MUNICIPAL UTILITY DISTRICT NO. 500
PAVING AND STORM WATER FACILITIES
TO SERVE
TOWNE LAKE DEVELOPMENT
TUCKERTON ROAD EAST
UNIT BID TABULATION

ENGINEER'S PRELIMINARY COST ESTIMATE: \$1,622,415.00 (unit per cost as discussed in Towne Lake meeting conducted on July 16, 2009)

BID DATE: January 21, 2010

ITEM	DESCRIPTION	QUANTITY	UNIT	ANGEL BROTHERS ENTERPRISES, LTD.		HASSELL CONSTRUCTION COMPANY, INC.		TRIPLE B SERVICES, LLP	
				BIDDER NO. 1		BIDDER NO. 2		BIDDER NO. 3	
				UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT

NOTE: The Contractor will be responsible for properly preparing all spoil sites to receive spoil/fill material and placing said spoil/fill material on the designated spoil sites in the order as indicated in the Approved Construction Drawings, irrespective of the condition of the specific spoil site(s). The proper preparation of the specific spoil sites, irrespective of the condition, is considered to be incidental to the construction of this project and all work is to be accomplished within the confines of the contract time allotted for this project excepting only those calendar days that the Owner or Owner's representative has approved for an inclement weather day or a "wet site condition" day resulting from a recent rain event.