

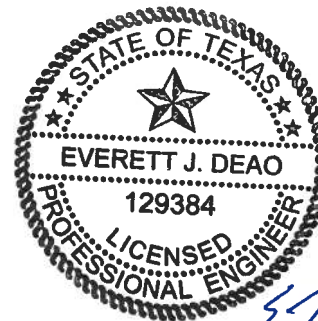
**BID TABULATION FOR:**

CONSTRUCTION OF THE WATER, SANITARY SEWER, AND DRAINAGE FACILITIES  
TO SERVE MIDTOWN AT MAGNOLIA TOWNHOMES  
GEHAN HOMES, LTD ON BEHALF OF  
HARRIS-BRAZORIA COUNTIES MUNICIPAL UTILITY DISTRICT NO. 509  
CITY OF PEARLAND; BRAZORIA COUNTY, TEXAS  
FEBRUARY 7, 2019  
LJA ENGINEERING, INC.  
A.CAROTHERS  
FEBRUARY 8, 2019  
1002-3510D (9.2)

**BID OPENING DATE:**  
**BID OPENING LOCATION:**  
**TABULATION BY:**  
**TABULATION DATE:**  
**LJA JOB NO.**

BIDDER'S NAME	TOTAL BID AMOUNT
1) SENDERO INDUSTRIES, LLC	\$418,790.26
2) BLAZEY CONSTRUCTION SERVICES, LLC	\$425,000.00
3) FELLERS & CLARK, LP	\$473,000.00
4) DIMAS BROS. CONSTRUCTION	\$511,320.96

CALENDAR DAYS - 25/35



  
I, Everett Deao, P.E., hereby certify these bid tabulations to be true and correct.

  
2/8/2019

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ITEM	DESCRIPTION	UNIT	QTY	1) SENDERO INDUSTRIES, LLC		2) BLAZEY CONSTRUCTION SERVICES, LLC		3) FELLERS & CLARK, LP	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
<b>WATER ITEMS</b>									
1.	8" PVC WATER PIPE, C-900, DR 18, TO INCLUDE ALL FITTINGS, ALL DEPTHS, TO INCLUDE BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	1,302	\$21.00	\$27,342.00	\$24.00	\$31,248.00	\$22.75	\$29,620.50
2.	8" PVC RESTRAINED JOINT WATER LINE, C-900, DR 14, TO INCLUDE ALL FITTINGS, ALL DEPTHS, TO INCLUDE BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	200	\$25.00	\$5,000.00	\$40.00	\$8,000.00	\$37.80	\$7,560.00
3.	TRENCHLESS CONSTRUCTION OF 8" PVC WATER PIPE, C-900, DR 18, ALL DEPTHS WITH 16" STEEL CASING, TO INCLUDE 8" PVC WATER PIPE AND 16" STEEL CASING, SPACERS AND BORE PITS, BEDDING AND END CAPS, BACKFILL FOR BORE PITS, COMPLETE IN PLACE	LF	128	\$125.00	\$16,000.00	\$181.00	\$23,168.00	\$220.10	\$28,172.80
4.	TRENCHLESS CONSTRUCTION OF 8" PVC WATER PIPE, C-900, DR 18, ALL DEPTHS, TO INCLUDE 8" PVC WATER PIPE, FITTINGS, BORE PITS, BEDDING AND BACKFILL FOR BORE PITS, COMPLETE IN PLACE	LF	20	\$23.00	\$460.00	\$180.00	\$3,600.00	\$0.01	\$0.20
5.	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	1,502	\$0.01	\$15.02	\$0.30	\$450.60	\$0.10	\$150.20
6.	FIRE HYDRANT UNIT, ALL DEPTHS, INCLUDES APPROPRIATE TEE, 6" VALVE & BOX, 6" LEAD AND FIRE HYDRANT AND TRENCH SAFETY, COMPLETE IN PLACE	EA	4	\$4,795.00	\$19,180.00	\$4,564.00	\$18,256.00	\$4,570.00	\$18,280.00
7.	8" AWWA GATE VALVE & BOX, AND ADJUSTMENTS AS NECESSARY, COMPLETE IN PLACE	EA	4	\$1,225.00	\$4,900.00	\$968.00	\$3,872.00	\$1,305.00	\$5,220.00
8.	SHORT SIDE DOUBLE OR SINGLE SERVICE, 1" (CTS POLYETHYLENE, SDR-9) WATER SERVICE INCLUDES TRENCH SAFETY, METER BOX, CURB STOP, MARKER AND ALL NECESSARY CONNECTORS, PLUGS AND TAPS, COMPLETE IN PLACE	EA	10	\$450.00	\$4,500.00	\$520.00	\$5,200.00	\$745.00	\$7,450.00
9.	LONG SIDE DOUBLE OR SINGLE SERVICE, 1" (CTS POLYETHYLENE, SDR-9) WATER SERVICE INCLUDES TRENCH SAFETY, METER BOX, CURB STOP, MARKER, AND ALL NECESSARY CONNECTORS, PLUGS AND TAPS, COMPLETE IN PLACE	EA	16	\$675.00	\$10,800.00	\$674.00	\$10,784.00	\$1,410.00	\$22,560.00
10.	EXTRA CAST IRON FITTINGS (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	TON	2	\$1,220.00	\$2,440.00	\$1,000.00	\$2,000.00	\$1,000.00	\$2,000.00
11.	UTILITY SPOILS TO BE HAULED, SPREAD, AND COMPACTED TO 95% STANDARD PROCTOR DENSITY (WITHIN PROJECT LIMITS), COMPLETE IN PLACE	CY	371	\$3.00	\$1,113.00	\$3.40	\$1,261.40	\$3.95	\$1,465.45
12.	16" X 8" TAPPING SLEEVE AND VALVE, TO INCLUDE CONNECTION OF PROPOSED 8" WATERLINE TO EXISTING 16" WATER LINE, COMPLETE IN PLACE	EA	1	\$5,035.00	\$5,035.00	\$7,500.00	\$7,500.00	\$8,725.00	\$8,725.00
13.	12" X 8" TAPPING SLEEVE AND VALVE, TO INCLUDE CONNECTION OF PROPOSED 8" WATERLINE TO EXISTING 12" WATER LINE, COMPLETE IN PLACE	EA	1	\$4,510.00	\$4,510.00	\$5,150.00	\$5,150.00	\$6,375.00	\$6,375.00
<b>SUBTOTAL WATER ITEMS</b>					<b>\$101,295.02</b>		<b>\$120,490.00</b>		<b>\$137,579.15</b>
<b>SANITARY SEWER ITEMS</b>									
1.	8" PVC SEWER PIPE, ASTM D-3034, SDR 26, 0' - 12' CUT, TO INCLUDE BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	854	\$23.00	\$19,642.00	\$34.00	\$29,036.00	\$46.35	\$39,582.90
2.	8" PVC SEWER PIPE, ASTM D-3034, SDR 26, 12' - 16' CUT, TO INCLUDE BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	544	\$29.00	\$15,776.00	\$42.00	\$22,848.00	\$46.35	\$25,214.40
3.	TRENCHLESS CONSTRUCTION OF 8" PVC SEWER PIPE, ASTM D-3034, SDR 26, WITH 16" STEEL CASING, TO INCLUDE 8" PVC SEWER PIPE AND 16" STEEL CASING, SPACERS, ENDCAPS AND FITTINGS, BORE PITS, BEDDING AND BACKFILL FOR BORE PITS, COMPLETE IN PLACE	LF	101	\$132.00	\$13,332.00	\$102.00	\$10,302.00	\$189.50	\$19,139.50
4.	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	1,398	\$0.01	\$13.98	\$0.30	\$419.40	\$0.10	\$139.80
5.	STANDARD SANITARY SEWER MANHOLE FOR 6" - 24" SANITARY SEWER PIPES, (0' - 8' DEPTH), TO INCLUDE INTERNAL COATING, AND STAINLESS STEEL IN FLOW PROTECTORS COMPLETE IN PLACE	EA	10	\$3,955.00	\$39,550.00	\$3,553.00	\$35,530.00	\$3,895.00	\$38,950.00

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 GEHAN HOMES, LTD ON BEHALF OF  
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ITEM	DESCRIPTION	UNIT	QTY	1) SENDERO INDUSTRIES, LLC		2) BLAZEY CONSTRUCTION SERVICES, LLC		3) FELLERS & CLARK, LP	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
6.	LONG SIDE DOUBLE OR SINGLE 6" P.V.C. PIPE SERVICE LEADS, ASTM D2241, SDR 26, CL160 GREEN, ALL DEPTHS, INCLUDING CEMENT STABILIZED SAND BACKFILL, TRENCH SAFETY, INTERNAL MANHOLE DROPS, RISER/STACK, WYE, PLUG, MARKER, AND ANY NECESSARY FITTINGS, ETC., COMPLETE IN PLACE	EA	11	\$1,300.00	\$14,300.00	\$2,257.00	\$24,827.00	\$2,150.00	\$23,650.00
7.	SHORT SIDE DOUBLE OR SINGLE 6" P.V.C. PIPE SERVICE LEADS, ASTM D2241, SDR 26, CL160 GREEN, ALL DEPTHS, INCLUDING CEMENT STABILIZED SAND BACKFILL, TRENCH SAFETY, INTERNAL MANHOLE DROPS, RISER/STACK, WYE, PLUG, MARKER, AND ANY NECESSARY FITTINGS, ETC., COMPLETE IN PLACE	EA	15	\$750.00	\$11,250.00	\$688.00	\$10,320.00	\$1,090.00	\$16,350.00
8.	ADDITIONAL COST FOR SANITARY SEWER BEDDING & BACKFILL FOR UNSATISFACTORY SOIL CONDITIONS, ALL SIZES & DEPTHS (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	130	\$15.00	\$1,950.00	\$15.00	\$1,950.00	\$15.00	\$1,950.00
9.	DEWATERING, ALL SIZES & DEPTHS, (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	130	\$25.00	\$3,250.00	\$25.00	\$3,250.00	\$25.00	\$3,250.00
10.	EXTRA CEMENT STABILIZED SAND, (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	CY	50	\$20.00	\$1,000.00	\$20.00	\$1,000.00	\$20.00	\$1,000.00
11.	UTILITY SPOIL TO BE HAULED, SPREAD, AND COMPACTED TO 95% STANDARD PROCTOR DENSITY (WITHIN PROJECT LIMITS), COMPLETE IN PLACE	CY	285	\$3.00	\$855.00	\$3.45	\$983.25	\$3.95	\$1,125.75
12.	SANITARY MANHOLE, EXTRA DEPTH, GREATER THAN 8' DEPTH, TO INCLUDE INTERNAL COATING, COMPLETE IN PLACE	VF	21	\$295.00	\$6,195.00	\$260.00	\$5,460.00	\$270.25	\$5,675.25
13.	CONTRACTOR TO CORE INTO EXISTING SANITARY MANHOLE, AND CONNECT PROPOSED SANITARY SEWER TO EXISTING SANITARY MANHOLE, TO INCLUDE REMOVAL AND REPLACEMENT OF EXISTING HANDICAP RAMP AND SIDEWALK AS NECESSARY TO CONNECT PROPOSED SANITARY SEWER TO EXISTING MANHOLE, COMPLETE IN PLACE	EA	1	\$2,195.00	\$2,195.00	\$3,570.00	\$3,570.00	\$1,355.00	\$1,355.00
14.	STANDARD INTERNAL DROP STRUCTURE, ALL DEPTHS, PER CITY OF PEARLAND DETAIL FOR EXISTING SANITARY SEWER MANHOLE WITH PROPOSED INTERNAL DROP, COMPLETE IN PLACE	EA	1	\$1,965.00	\$1,965.00	\$1,800.00	\$1,800.00	\$3,790.00	\$3,790.00
15.	TV TESTING OF SANITARY SEWER, TO INCLUDE CLEANING AND DISTILLING AS NECESSARY, COMPLETE IN PLACE	LF	1,499	\$3.00	\$4,497.00	\$2.20	\$3,297.80	\$5.90	\$8,844.10
<b>SUBTOTAL SANITARY SEWER ITEMS</b>					<b>\$135,770.98</b>		<b>\$154,593.45</b>		<b>\$190,016.70</b>
<b>DRAINAGE FACILITIES ITEMS</b>									
1.	18" STORM SEWER, ALL CUTS, TO INCLUDE BEDDING & BACKFILL, COMPLETE IN PLACE	LF	643	\$55.00	\$35,365.00	\$48.00	\$30,864.00	\$48.20	\$30,992.60
2.	24" STORM SEWER, ALL CUTS, TO INCLUDE BEDDING & BACKFILL, COMPLETE IN PLACE	LF	88	\$67.00	\$5,896.00	\$58.00	\$5,104.00	\$50.95	\$4,483.60
3.	30" STORM SEWER, ALL CUTS, TO INCLUDE BEDDING & BACKFILL, COMPLETE IN PLACE	LF	206	\$88.00	\$18,128.00	\$74.00	\$15,244.00	\$65.85	\$13,565.10
4.	36" STORM SEWER, ALL CUTS, TO INCLUDE BEDDING & BACKFILL, COMPLETE IN PLACE	LF	139	\$127.00	\$17,653.00	\$104.00	\$14,456.00	\$94.55	\$13,142.45
5.	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	1,076	\$0.01	\$10.76	\$0.30	\$322.80	\$0.10	\$107.60
6.	STAGE I - STANDARD (TYPE "C") INLET, ALL DEPTHS, INCLUDES TEMPORARY SILT BARRIER FENCE FOR STAGE I INLETS, COMPLETE IN PLACE	EA	9	\$3,020.00	\$27,180.00	\$1,507.00	\$13,563.00	\$825.00	\$7,425.00
7.	STAGE II - STANDARD (TYPE "C") INLET, COMPLETE IN PLACE	EA	9	\$730.00	\$6,570.00	\$1,190.00	\$10,710.00	\$1,465.00	\$13,185.00
8.	STAGE I - 10' (TYPE "C - 1") INLET, ALL DEPTHS, INCLUDES TEMPORARY SILT BARRIER FENCE FOR STAGE I INLETS, COMPLETE IN PLACE	EA	1	\$2,845.00	\$2,845.00	\$1,507.00	\$1,507.00	\$890.00	\$890.00
9.	STAGE II - 10' (TYPE "C - 1") INLET, COMPLETE IN PLACE	EA	1	\$730.00	\$730.00	\$1,870.00	\$1,870.00	\$1,815.00	\$1,815.00

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 GEHAN HOMES, LTD ON BEHALF OF  
 HARRIS-BRAZORIA COUNTIES MUNICIPAL UTILITY DISTRICT NO. 509  
 CITY OF PEARLAND, BRAZORIA COUNTY, TEXAS  
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ITEM	DESCRIPTION	UNIT	QTY	1) SENDERO INDUSTRIES, LLC		2) BLAZEY CONSTRUCTION SERVICES, LLC		3) FELLERS & CLARK, LP	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
10.	CONTRACTOR TO CONVERT EXISTING GRATE TOP INLET INTO A TYPE 'C' INLET, TO INCLUDE CONNECTION OF PROPOSED STORM SEWER TO EXISTING INLET AND STAGE II INLET TOP, COMPLETE IN PLACE	EA	1	\$1,470.00	\$1,470.00	\$2,000.00	\$2,000.00	\$1,230.00	\$1,230.00
11.	CONTRACTOR TO REMOVE AND DISPOSE OF EXISTING GRATE TOP INLET AND INSTALL PROPOSED TYPE "C" INLET, TO INCLUDE CONNECTION OF PROPOSED STORM SEWER AND EXISTING STORM SEWER TO PROPOSED INLET, ANY TEMPORARY BYPASS PUMPING REQUIRED DURING INSTALLATION, AND STAGE II INLET TOP, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	EA	1	\$3,745.00	\$3,745.00	\$3,610.00	\$3,610.00	\$1,230.00	\$1,230.00
12.	TYPE "C" MANHOLE FOR 42" STORM SEWER & SMALLER, ALL DEPTHS, COMPLETE IN PLACE	EA	6	\$4,035.00	\$24,210.00	\$2,705.00	\$16,230.00	\$2,385.00	\$14,310.00
13.	TYPE "C" MANHOLE 48" STORM SEWER AND LARGER, ALL DEPTHS, TO INCLUDE REMOVAL AND DISPOSAL OF EXISTING 48" STORM SEWER AS NECESSARY FOR INSTALLATION OF MANHOLE, CONNECTION OF EXISTING 48" STORM SEWER AND PROPOSED 36" SEWER TO PROPOSED MANHOLE AND ANY BYPASS PUMPING REQUIRED DURING CONSTRUCTION, COMPLETE IN PLACE	EA	1	\$5,160.00	\$5,160.00	\$6,450.00	\$6,450.00	\$4,130.00	\$4,130.00
14.	ADDITIONAL COST FOR STORM SEWER BEDDING & BACKFILL FOR UNSATISFACTORY SOIL CONDITIONS, ALL SIZES AND DEPTHS (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	110	\$15.00	\$1,650.00	\$15.00	\$1,650.00	\$15.00	\$1,650.00
15.	DEWATERING, ALL SIZES & DEPTHS, (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	110	\$25.00	\$2,750.00	\$25.00	\$2,750.00	\$25.00	\$2,750.00
16.	UTILITY SPOILS TO BE HAULED, SPREAD, AND COMPACTED TO 95% STANDARD PROCTOR DENSITY (WITHIN PROJECT LIMITS), COMPLETE IN PLACE	CY	1,312	\$3.00	\$3,936.00	\$2.00	\$2,624.00	\$3.95	\$5,182.40
17.	EXTRA CEMENT STABILIZED SAND, (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	CY	50	\$20.00	\$1,000.00	\$20.00	\$1,000.00	\$20.00	\$1,000.00
18.	STORM WATER POLLUTION PREVENTION PLAN COMPLIANCE INCLUDING MAINTAINING EXISTING FILTER FABRIC FENCE AND STABILIZED CONSTRUCTION EXIT, COMPLETE IN PLACE	LS	1	\$1,500.00	\$1,500.00	\$735.00	\$735.00	\$1,765.00	\$1,765.00
19.	STABILIZED CONSTRUCTION EXIT AT LOCATIONS SHOWN ON PLANS, INSTALLATION AND REMOVAL, (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	EA	1	\$2,300.00	\$2,300.00	\$1,200.00	\$1,200.00	\$1,200.00	\$1,200.00
20.	EXTREME EVENT GRASS-LINED OVERFLOW SWALE WITH 105' BOTTOM WIDTH MINIMUM 10:1 SIDE SLOPE, .1% MINIMUM SLOPE, TO INCLUDE THE PLACEMENT AND COMPACTION OF EXCAVATED MATERIAL, COMPLETE INPLACE	LF	20	\$35.00	\$700.00	\$45.00	\$900.00	\$293.75	\$5,875.00
21.	CONCRETE TRUCK WASHOUT PIT, TO INCLUDE INSTALLATION MAINTENANCE AND REMOVAL, (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	EA	1	\$750.00	\$750.00	\$586.25	\$586.25	\$295.00	\$295.00
22.	REINFORCED FILTER FABRIC FENCE (SILT BARRIER FENCING) ALONG BACK OF CURB, (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	LF	3,291	\$1.50	\$4,936.50	\$1.50	\$4,936.50	\$1.50	\$4,936.50
23.	FILTER FABRIC FENCE ALONG BOUNDARY (SILT BARRIER FENCING), TO BE USED ONLY AS DIRECTED BY THE ENGINEER, COMPLETE IN PLACE	LF	2,534	\$1.00	\$2,534.00	\$1.00	\$2,534.00	\$1.00	\$2,534.00
24.	BROADCAST SEEDING FOR LOTTED AREAS AND RESERVES, (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), INCLUDING WATERING, COMPLETE IN PLACE	AC	4	\$650.00	\$2,600.00	\$600.00	\$2,400.00	\$600.00	\$2,400.00
25.	HYDROMULCH SEEDING OF R.O.W. AND MEDIANS, (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), INCLUDING WATERING, COMPLETE IN PLACE	AC	0.8	\$1,675.00	\$1,340.00	\$1,200.00	\$960.00	\$1,200.00	\$960.00
26.	STAGE II INLET PROTECTION BARRIERS (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	EA	13	\$60.00	\$780.00	\$60.00	\$780.00	\$60.00	\$780.00

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				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
27.	ADJUST EXISTING STORM MANHOLE RIM ELEVATION, (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	EA	4	\$250.00	\$1,000.00	\$170.00	\$680.00	\$530.00	\$2,120.00
28.	CITY OF PEARLAND INSPECTION FEE (1% OF TOTAL CONSTRUCTION COST)	LS	1	\$4,985.00	\$4,985.00	\$4,250.00	\$4,250.00	\$5,449.90	\$5,449.90
<b>SUBTOTAL DRAINAGE FACILITIES ITEMS</b>					<b>\$181,724.26</b>		<b>\$149,916.55</b>		<b>\$145,404.15</b>
<b>BID SUMMARY</b>									
SUBTOTAL WATER ITEMS					\$101,295.02		\$120,490.00		\$137,579.15
SUBTOTAL SANITARY SEWER ITEMS					\$135,770.98		\$154,593.45		\$190,016.70
SUBTOTAL DRAINAGE FACILITIES ITEMS					\$181,724.26		\$149,916.55		\$145,404.15
<b>TOTAL AMOUNT BID</b>					<b>\$418,790.26</b>		<b>\$425,000.00</b>		<b>\$473,000.00</b>

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ITEM DESCRIPTION	UNIT	QTY	4) DIMAS BROS. CONSTRUCTION	
			UNIT COST	TOTAL COST
<b>WATER ITEMS</b>				
1. 8" PVC WATER PIPE, C-900, DR 18, TO INCLUDE ALL FITTINGS, ALL DEPTHS, TO INCLUDE BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	1,302	\$29.00	\$37,758.00
2. 8" PVC RESTRAINED JOINT WATER LINE, C-900, DR 14, TO INCLUDE ALL FITTINGS, ALL DEPTHS, TO INCLUDE BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	200	\$41.35	\$8,270.00
3. TRENCHLESS CONSTRUCTION OF 8" PVC WATER PIPE, C-900, DR 18, ALL DEPTHS WITH 16" STEEL CASING, TO INCLUDE 8" PVC WATER PIPE AND 16" STEEL CASING, SPACERS AND BORE PITS, BEDDING AND END CAPS, BACKFILL FOR BORE PITS, COMPLETE IN PLACE	LF	128	\$168.00	\$21,504.00
4. TRENCHLESS CONSTRUCTION OF 8" PVC WATER PIPE, C-900, DR 18, ALL DEPTHS, TO INCLUDE 8" PVC WATER PIPE, FITTINGS, BORE PITS, BEDDING AND BACKFILL FOR BORE PITS, COMPLETE IN PLACE	LF	20	\$135.00	\$2,700.00
5. TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	1,502	\$1.00	\$1,502.00
6. FIRE HYDRANT UNIT, ALL DEPTHS, INCLUDES APPROPRIATE TEE, 6" VALVE & BOX, 6" LEAD AND FIRE HYDRANT AND TRENCH SAFETY, COMPLETE IN PLACE	EA	4	\$4,900.00	\$19,600.00
7. 8" AWWA GATE VALVE & BOX, AND ADJUSTMENTS AS NECESSARY, COMPLETE IN PLACE	EA	4	\$950.00	\$3,800.00
8. SHORT SIDE DOUBLE OR SINGLE SERVICE, 1" (CTS POLYETHYLENE, SDR-9) WATER SERVICE INCLUDES TRENCH SAFETY, METER BOX, CURB STOP, MARKER AND ALL NECESSARY CONNECTORS, PLUGS AND TAPS, COMPLETE IN PLACE	EA	10	\$500.00	\$5,000.00
9. LONG SIDE DOUBLE OR SINGLE SERVICE, 1" (CTS POLYETHYLENE, SDR-9) WATER SERVICE INCLUDES TRENCH SAFETY, METER BOX, CURB STOP, MARKER, AND ALL NECESSARY CONNECTORS, PLUGS AND TAPS, COMPLETE IN PLACE	EA	16	\$1,265.00	\$20,240.00
10. EXTRA CAST IRON FITTINGS (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	TON	2	\$1,000.00	\$2,000.00
11. UTILITY SPOILS TO BE HAULED, SPREAD, AND COMPACTED TO 95% STANDARD PROCTOR DENSITY (WITHIN PROJECT LIMITS), COMPLETE IN PLACE	CY	371	\$2.00	\$742.00
12. 16" X 8" TAPPING SLEEVE AND VALVE, TO INCLUDE CONNECTION OF PROPOSED 8" WATERLINE TO EXISTING 16" WATER LINE, COMPLETE IN PLACE	EA	1	\$5,500.00	\$5,500.00
13. 12" X 8" TAPPING SLEEVE AND VALVE, TO INCLUDE CONNECTION OF PROPOSED 8" WATERLINE TO EXISTING 12" WATER LINE, COMPLETE IN PLACE	EA	1	\$4,800.00	\$4,800.00
<b>SUBTOTAL WATER ITEMS</b>				<b>\$133,416.00</b>
<b>SANITARY SEWER ITEMS</b>				
1. 8" PVC SEWER PIPE, ASTM D-3034, SDR 26, 0' - 12' CUT, TO INCLUDE BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	854	\$33.00	\$28,182.00
2. 8" PVC SEWER PIPE, ASTM D-3034, SDR 26, 12' - 16' CUT, TO INCLUDE BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	544	\$38.00	\$20,672.00
3. TRENCHLESS CONSTRUCTION OF 8" PVC SEWER PIPE, ASTM D-3034, SDR 26, WITH 16" STEEL CASING, TO INCLUDE 8" PVC SEWER PIPE AND 16" STEEL CASING, SPACERS, ENDCAPS AND FITTINGS, BORE PITS, BEDDING AND BACKFILL FOR BORE PITS, COMPLETE IN PLACE	LF	101	\$201.00	\$20,301.00
4. TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	1,398	\$1.00	\$1,398.00
5. STANDARD SANITARY SEWER MANHOLE FOR 6" - 24" SANITARY SEWER PIPES, (0' - 8' DEPTH), TO INCLUDE INTERNAL COATING, AND STAINLESS STEEL IN FLOW PROTECTORS COMPLETE IN PLACE	EA	10	\$4,800.00	\$48,000.00

**BID TABULATION FOR:**

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**LJA JOB NO.**

CONSTRUCTION OF THE WATER, SANITARY SEWER, AND DRAINAGE FACILITIES  
 TO SERVE MIDTOWN AT MAGNOLIA TOWNHOMES  
 GEHAN HOMES, LTD ON BEHALF OF  
 HARRIS-BRAZORIA COUNTIES MUNICIPAL UTILITY DISTRICT NO. 509  
 CITY OF PEARLAND; BRAZORIA COUNTY, TEXAS  
 FEBRUARY 7, 2019  
 LJA ENGINEERING, INC.  
 A. CAROTHERS  
 FEBRUARY 8, 2019  
 1002-3510D (9.2)

ITEM	DESCRIPTION	UNIT	QTY	4) DIMAS BROS. CONSTRUCTION	
				UNIT COST	TOTAL COST
6.	LONG SIDE DOUBLE OR SINGLE 6" P.V.C. PIPE SERVICE LEADS, ASTM D2241, SDR 26, CL160 GREEN, ALL DEPTHS, INCLUDING CEMENT STABILIZED SAND BACKFILL, TRENCH SAFETY, INTERNAL MANHOLE DROPS, RISER/STACK, WYE, PLUG, MARKER, AND ANY NECESSARY FITTINGS, ETC., COMPLETE IN PLACE	EA	11	\$2,450.00	\$26,950.00
7.	SHORT SIDE DOUBLE OR SINGLE 6" P.V.C. PIPE SERVICE LEADS, ASTM D2241, SDR 26, CL160 GREEN, ALL DEPTHS, INCLUDING CEMENT STABILIZED SAND BACKFILL, TRENCH SAFETY, INTERNAL MANHOLE DROPS, RISER/STACK, WYE, PLUG, MARKER, AND ANY NECESSARY FITTINGS, ETC., COMPLETE IN PLACE	EA	15	\$998.00	\$14,970.00
8.	ADDITIONAL COST FOR SANITARY SEWER BEDDING & BACKFILL FOR UNSATISFACTORY SOIL CONDITIONS, ALL SIZES & DEPTHS (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	130	\$15.00	\$1,950.00
9.	DEWATERING, ALL SIZES & DEPTHS, (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	130	\$25.00	\$3,250.00
10.	EXTRA CEMENT STABILIZED SAND, (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	CY	50	\$20.00	\$1,000.00
11.	UTILITY SPOIL TO BE HAULED, SPREAD, AND COMPACTED TO 95% STANDARD PROCTOR DENSITY (WITHIN PROJECT LIMITS), COMPLETE IN PLACE	CY	285	\$2.00	\$570.00
12.	SANITARY MANHOLE, EXTRA DEPTH, GREATER THAN 8' DEPTH, TO INCLUDE INTERNAL COATING, COMPLETE IN PLACE	VF	21	\$280.00	\$5,880.00
13.	CONTRACTOR TO CORE INTO EXISTING SANITARY MANHOLE, AND CONNECT PROPOSED SANITARY SEWER TO EXISTING SANITARY MANHOLE, TO INCLUDE REMOVAL AND REPLACEMENT OF EXISTING HANDICAP RAMP AND SIDEWALK AS NECESSARY TO CONNECT PROPOSED SANITARY SEWER TO EXISTING MANHOLE, COMPLETE IN PLACE	EA	1	\$15,000.00	\$15,000.00
14.	STANDARD INTERNAL DROP STRUCTURE, ALL DEPTHS, PER CITY OF PEARLAND DETAIL FOR EXISTING SANITARY SEWER MANHOLE WITH PROPOSED INTERNAL DROP, COMPLETE IN PLACE	EA	1	\$8,000.00	\$8,000.00
15.	TV TESTING OF SANITARY SEWER, TO INCLUDE CLEANING AND DISTILLING AS NECESSARY, COMPLETE IN PLACE	LF	1,499	\$3.00	\$4,497.00
<b>SUBTOTAL SANITARY SEWER ITEMS</b>					<b>\$200,620.00</b>
<b>DRAINAGE FACILITIES ITEMS</b>					
1.	18" STORM SEWER, ALL CUTS, TO INCLUDE BEDDING & BACKFILL, COMPLETE IN PLACE	LF	643	\$61.50	\$39,544.50
2.	24" STORM SEWER, ALL CUTS, TO INCLUDE BEDDING & BACKFILL, COMPLETE IN PLACE	LF	88	\$71.15	\$6,261.20
3.	30" STORM SEWER, ALL CUTS, TO INCLUDE BEDDING & BACKFILL, COMPLETE IN PLACE	LF	206	\$94.00	\$19,364.00
4.	36" STORM SEWER, ALL CUTS, TO INCLUDE BEDDING & BACKFILL, COMPLETE IN PLACE	LF	139	\$121.00	\$16,819.00
5.	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	1,076	\$1.00	\$1,076.00
6.	STAGE I – STANDARD (TYPE "C") INLET, ALL DEPTHS, INCLUDES TEMPORARY SILT BARRIER FENCE FOR STAGE I INLETS, COMPLETE IN PLACE	EA	9	\$935.00	\$8,415.00
7.	STAGE II – STANDARD (TYPE "C") INLET, COMPLETE IN PLACE	EA	9	\$1,358.00	\$12,222.00
8.	STAGE I – 10' (TYPE "C - 1") INLET, ALL DEPTHS, INCLUDES TEMPORARY SILT BARRIER FENCE FOR STAGE I INLETS, COMPLETE IN PLACE	EA	1	\$1,200.00	\$1,200.00
9.	STAGE II – 10' (TYPE "C - 1") INLET, COMPLETE IN PLACE	EA	1	\$2,000.00	\$2,000.00

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 GEHAN HOMES, LTD ON BEHALF OF  
 HARRIS-BRAZORIA COUNTIES MUNICIPAL UTILITY DISTRICT NO. 509  
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ITEM	DESCRIPTION	UNIT	QTY	4) DIMAS BROS. CONSTRUCTION	
				UNIT COST	TOTAL COST
10.	CONTRACTOR TO CONVERT EXISTING GRATE TOP INLET INTO A TYPE 'C' INLET, TO INCLUDE CONNECTION OF PROPOSED STORM SEWER TO EXISTING INLET AND STAGE II INLET TOP, COMPLETE IN PLACE	EA	1	\$3,000.00	\$3,000.00
11.	CONTRACTOR TO REMOVE AND DISPOSE OF EXISTING GRATE TOP INLET AND INSTALL PROPOSED TYPE "C" INLET, TO INCLUDE CONNECTION OF PROPOSED STORM SEWER AND EXISTING STORM SEWER TO PROPOSED INLET, ANY TEMPORARY BYPASS PUMPING REQUIRED DURING INSTALLATION, AND STAGE II INLET TOP, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	EA	1	\$4,500.00	\$4,500.00
12.	TYPE "C" MANHOLE FOR 42" STORM SEWER & SMALLER, ALL DEPTHS, COMPLETE IN PLACE	EA	6	\$3,884.00	\$23,304.00
13.	TYPE "C" MANHOLE 48" STORM SEWER AND LARGER, ALL DEPTHS, TO INCLUDE REMOVAL AND DISPOSAL OF EXISTING 48" STORM SEWER AS NECESSARY FOR INSTALLATION OF MANHOLE, CONNECTION OF EXISTING 48" STORM SEWER AND PROPOSED 36" SEWER TO PROPOSED MANHOLE AND ANY BYPASS PUMPING REQUIRED DURING CONSTRUCTION, COMPLETE IN PLACE	EA	1	\$8,000.00	\$8,000.00
14.	ADDITIONAL COST FOR STORM SEWER BEDDING & BACKFILL FOR UNSATISFACTORY SOIL CONDITIONS, ALL SIZES AND DEPTHS (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	110	\$15.00	\$1,650.00
15.	DEWATERING, ALL SIZES & DEPTHS, (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	110	\$25.00	\$2,750.00
16.	UTILITY SPOILS TO BE HAULED, SPREAD, AND COMPACTED TO 95% STANDARD PROCTOR DENSITY (WITHIN PROJECT LIMITS), COMPLETE IN PLACE	CY	1,312	\$2.00	\$2,624.00
17.	EXTRA CEMENT STABILIZED SAND, (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	CY	50	\$20.00	\$1,000.00
18.	STORM WATER POLLUTION PREVENTION PLAN COMPLIANCE INCLUDING MAINTAINING EXISTING FILTER FABRIC FENCE AND STABILIZED CONSTRUCTION EXIT, COMPLETE IN PLACE	LS	1	\$800.00	\$800.00
19.	STABILIZED CONSTRUCTION EXIT AT LOCATIONS SHOWN ON PLANS, INSTALLATION AND REMOVAL, (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	EA	1	\$1,200.00	\$1,200.00
20.	EXTREME EVENT GRASS-LINED OVERFLOW SWALE WITH 105' BOTTOM WIDTH MINIMUM 10:1 SIDE SLOPE, .1% MINIMUM SLOPE, TO INCLUDE THE PLACEMENT AND COMPACTION OF EXCAVATED MATERIAL, COMPLETE INPLACE	LF	20	\$150.00	\$3,000.00
21.	CONCRETE TRUCK WASHOUT PIT, TO INCLUDE INSTALLATION MAINTENANCE AND REMOVAL, (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	EA	1	\$500.00	\$500.00
22.	REINFORCED FILTER FABRIC FENCE (SILT BARRIER FENCING) ALONG BACK OF CURB, (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	LF	3,291	\$1.50	\$4,936.50
23.	FILTER FABRIC FENCE ALONG BOUNDARY (SILT BARRIER FENCING), TO BE USED ONLY AS DIRECTED BY THE ENGINEER, COMPLETE IN PLACE	LF	2,534	\$1.00	\$2,534.00
24.	BROADCAST SEEDING FOR LOTTED AREAS AND RESERVES, (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), INCLUDING WATERING, COMPLETE IN PLACE	AC	4	\$600.00	\$2,400.00
25.	HYDROMULCH SEEDING OF R.O.W. AND MEDIANS, (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), INCLUDING WATERING, COMPLETE IN PLACE	AC	0.8	\$1,200.00	\$960.00
26.	STAGE II INLET PROTECTION BARRIERS (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	EA	13	\$60.00	\$780.00



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		4) DIMAS BROS. CONSTRUCTION			
ITEM	DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST
27.	ADJUST EXISTING STORM MANHOLE RIM ELEVATION, (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	EA	4	\$400.00	\$1,600.00
28.	CITY OF PEARLAND INSPECTION FEE (1% OF TOTAL CONSTRUCTION COST)	LS	1	\$4,844.76	\$4,844.76
<b>SUBTOTAL DRAINAGE FACILITIES ITEMS</b>					<b>\$177,284.96</b>
<b>BID SUMMARY</b>					
SUBTOTAL WATER ITEMS					\$133,416.00
SUBTOTAL SANITARY SEWER ITEMS					\$200,620.00
SUBTOTAL DRAINAGE FACILITIES ITEMS					\$177,284.96
<b>TOTAL AMOUNT BID</b>					<b>\$511,320.96</b>