

BID TABULATION FOR:

CONSTRUCTION OF PHASE 1 DETENTION
TO SERVE HOCKLEY MEADOWS
HARRIS COUNTY MUNICIPAL UTILITY DISTRICT NO. 478
CITY OF HOUSTON E.T.J., HARRIS COUNTY, TEXAS
AUGUST 8, 2024
LJA ENGINEERING, INC.
A. GUIJOSA
AUGUST 8, 2024
0074-4002B (9.2)

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

BIDDER'S NAME	TOTAL AMOUNT BID	BID INCLUDING ALTERNATE NO. 1 ITEMS
1) CE BARKER LTD.	\$6,865,096.21	\$20,423,981.21
2) RT ELLIS EXCAVATING INC	\$7,405,122.75	\$15,980,819.55
3) BLAZEY CONSTRUCTION SERVICES LLC	\$7,718,024.10	\$17,494,259.70
4) EARTH BUILDERS, L.P.	\$8,129,709.10	\$14,325,829.10
5) LONNIE LISCHKA COMPANY, LP	\$8,151,874.34	\$20,754,871.54

CALENDAR DAYS 210/245



I, Kirsten K Wilson, PE, hereby certify these bid tabulations to be true and correct.

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 0074-4002B (9.2)

ITEM	DESCRIPTION	UNIT	QTY	1) CE BARKER LTD.		2) RT ELLIS EXCAVATING INC		3) BLAZEY CONSTRUCTION SERVICES LLC	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
POND 3 DETENTION ITEMS									
1	DETENTION EXCAVATION FROM POND 3, INCLUDES STRIPPING AND STOCKPILE OF STRIPPINGS AND REAPPLYING STRIPPINGS TO FINAL GRADED AREAS, COMPLETE IN PLACE	CY	55780	\$2.00	\$111,560.00	\$1.66	\$92,594.80	\$1.81	\$100,961.80
2	AMENITY EXCAVATION FROM POND 3, INCLUDES STRIPPING AND STOCKPILE OF STRIPPINGS AND REPLACEMENT OF STRIPPINGS UPON COMPLETION, COMPLETE IN PLACE	CY	8866	\$2.00	\$17,732.00	\$2.00	\$17,732.00	\$1.81	\$16,047.46
3	HAUL DETENTION EXCAVATION TO ONSITE FILL AREAS, PLACEMENT, GRADING AND COMPACTION (95% STANDARD PROCTOR DENSITY) OF EXCAVATED MATERIAL AS SHOWN ON CONSTRUCTION PLANS, INCLUDES STRIPPING OF FILL AREAS, STOCKPILE OF STRIPPING REPLACEMENT OF STRIPPING UPON COMPLETION, COMPLETE IN PLACE	CY	55780	\$2.00	\$111,560.00	\$2.18	\$121,600.40	\$1.81	\$100,961.80
4	HAUL AMENITY EXCAVATION TO ONSITE FILL AREAS, PLACEMENT, GRADING AND COMPACTION (95% STANDARD PROCTOR DENSITY) OF EXCAVATED MATERIAL AS SHOWN ON CONSTRUCTION PLANS, INCLUDES STRIPPING OF FILL AREAS, STOCKPILE OF STRIPPING REPLACEMENT OF STRIPPING UPON COMPLETION, COMPLETE IN PLACE	CY	8866	\$2.00	\$17,732.00	\$2.18	\$19,327.88	\$1.81	\$16,047.46
5	12" RCP STORM SEWER, ASTM C-76, CLASS III, INCLUDES BEDDING AND BACKFILL, ALL DEPTHS, COMPLETE IN PLACE	LF	224	\$66.00	\$14,784.00	\$78.27	\$17,532.48	\$59.00	\$13,216.00
6	24" RCP STORM SEWER, ASTM C-76, CLASS III, INCLUDES BEDDING AND BACKFILL, ALL DEPTHS, COMPLETE IN PLACE	LF	93	\$90.00	\$8,370.00	\$101.31	\$9,421.83	\$90.00	\$8,370.00
7	30" RCP STORM SEWER, ASTM C-76, CLASS III, INCLUDES BEDDING AND BACKFILL, ALL DEPTHS, COMPLETE IN PLACE	LF	16	\$115.00	\$1,840.00	\$128.13	\$2,050.08	\$120.00	\$1,920.00
8	48" RCP STORM SEWER, ASTM C-76, CLASS III, INCLUDES BEDDING AND BACKFILL, ALL DEPTHS, COMPLETE IN PLACE	LF	2047	\$245.00	\$501,515.00	\$247.54	\$506,714.38	\$226.00	\$462,622.00
9	54" RCP STORM SEWER, ASTM C-76, CLASS III, INCLUDES BEDDING AND BACKFILL, ALL DEPTHS, COMPLETE IN PLACE	LF	236	\$345.00	\$81,420.00	\$360.83	\$85,155.88	\$334.00	\$78,824.00
10	72" RCP STORM SEWER, ASTM C-76, CLASS III, INCLUDES BEDDING AND BACKFILL, ALL DEPTHS, COMPLETE IN PLACE	LF	305	\$600.00	\$183,000.00	\$610.25	\$186,126.25	\$584.00	\$178,120.00
11	2' X 1' REINFORCED CONCRETE BOX CULVERT, ASTM C-1433, INCLUDES BEDDING AND BACKFILL, ALL DEPTHS, COMPLETE IN PLACE	LF	20	\$400.00	\$8,000.00	\$1,109.65	\$22,193.00	\$294.00	\$5,880.00
12	10' X 5' REINFORCED CONCRETE BOX CULVERT, ASTM C-1433, INCLUDES BEDDING AND BACKFILL, ALL DEPTHS, COMPLETE IN PLACE	LF	1407	\$1,250.00	\$1,758,750.00	\$1,243.52	\$1,749,632.64	\$1,166.00	\$1,640,562.00
13	REINFORCED CONCRETE TYPE "C" MANHOLE FOR 48" STORM SEWER AND LARGER, INCLUDES ADJUSTMENTS, ALL DEPTHS, COMPLETE IN PLACE	EA	13	\$7,150.00	\$92,950.00	\$9,408.20	\$122,306.60	\$9,600.00	\$124,800.00
14	REINFORCED CONCRETE TYPE "C" MANHOLE FOR 48" STORM SEWER AND LARGER WITH REINFORCED CONCRETE TYPE "A" INLET TOP, INCLUDES ADJUSTMENTS, ALL DEPTHS, COMPLETE IN PLACE	EA	2	\$6,500.00	\$13,000.00	\$8,867.37	\$17,734.74	\$8,800.00	\$17,600.00
15	REINFORCED CONCRETE STORM SEWER JUNCTION BOX WITH REINFORCED CONCRETE TYPE "C" INLET TOP, ALL SIDES OPEN, INCLUDES ADJUSTMENTS, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$32,000.00	\$32,000.00	\$45,225.75	\$45,225.75	\$16,000.00	\$16,000.00
16	REINFORCED CONCRETE TYPE "A" INLET, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$6,300.00	\$6,300.00	\$3,462.11	\$3,462.11	\$8,200.00	\$8,200.00
17	REINFORCED CUSTOM CONCRETE STORM SEWER JUNCTION BOX WITH STEEL PLATE, 12X12' REINFORCED GRATE TOP, THREE SIDES OPEN, INCLUDES ADJUSTMENTS, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$28,000.00	\$28,000.00	\$50,000.00	\$50,000.00	\$85,000.00	\$85,000.00

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ITEM	DESCRIPTION	UNIT	QTY	1) CE BARKER LTD.		2) RT ELLIS EXCAVATING INC		3) BLAZEY CONSTRUCTION SERVICES LLC	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
18	REINFORCED CUSTOM CONCRETE STORM SEWER ELBOW JUNCTION BOX, INCLUDES ADJUSTMENTS, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$23,500.00	\$23,500.00	\$65,000.00	\$65,000.00	\$62,000.00	\$62,000.00
19	REINFORCED CUSTOM CONCRETE STORM SEWER JUNCTION BOX WITH 12" SLUICE GATE, INCLUDES ADJUSTMENTS, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$42,000.00	\$42,000.00	\$39,727.23	\$39,727.23	\$64,000.00	\$64,000.00
20	8" BRICK PLUG, ALL SIZES, ALL DEPTHS, COMPLETE IN PLACE	EA	12	\$1,000.00	\$12,000.00	\$842.13	\$10,105.56	\$1,300.00	\$15,600.00
21	BACKSLOPE INLET AND OUTFALL STRUCTURE, WITH A INLET TOP, INCLUDES 24" CGMP, INTERCEPTOR STRUCTURE, AND SLOPE PROTECTION, COMPLETE IN PLACE	EA	1	\$6,500.00	\$6,500.00	\$18,000.00	\$18,000.00	\$8,000.00	\$8,000.00
22	24" THICK BURIED RIP RAP, INCLUDES GEOTEXTILE FABRIC, COMPLETE IN PLACE	SY	45	\$85.00	\$3,825.00	\$110.00	\$4,950.00	\$120.00	\$5,400.00
23	5" REINFORCED CONCRETE SLOPE PAVEMENT WITH TOE WALLS ALL AROUND, COMPLETE IN PLACE	SY	440	\$88.00	\$38,720.00	\$125.00	\$55,000.00	\$130.00	\$57,200.00
24	TRENCH SAFETY SYSTEM FOR STORM SEWER, ALL SIZES, ALL DEPTHS, COMPLETE IN PLACE	LF	4348	\$1.00	\$4,348.00	\$1.00	\$4,348.00	\$1.00	\$4,348.00
25	FINAL ADJUSTMENT OF STORM SEWER MANHOLE TO FINAL GRADE, COMPLETE IN PLACE	EA	15	\$25.00	\$375.00	\$218.33	\$3,274.95	\$28.00	\$420.00
26	EXCAVATION AND GRADING OF DRAINAGE SWALE, SIDE SLOPE VARIES - V-BOTTOM, (ALL DEPTHS), INCLUDES HAULING OF SPOIL MATERIAL, STRIPPING, STOCKPILING STRIPPINGS, PLACEMENT AND COMPACTION OF NEW MATERIAL TO 95% STANDARD PROCTOR DENSITY, WITH MAXIMUM 8" LIFTS, AND RE-APPLICATION OF STRIPPINGS, COMPLETE IN PLACE	LF	6708	\$4.00	\$26,832.00	\$3.00	\$20,124.00	\$7.20	\$48,297.60
27	2' CLAY LINER TO BE USED WHERE UNSUITABLE SOILS OCCUR DURING EXCAVATION, (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), INCLUDES EXTRA EXCAVATION, STOCKPILING OF SUITABLE MATERIAL, HAULING, PLACEMENT, AND COMPACTION FOR POND LINING, COMPLETE IN PLACE	CY	2930	\$4.00	\$11,720.00	\$3.00	\$8,790.00	\$3.60	\$10,548.00
28	FINE GRADING OF SWALES ALONG FUTURE SECTION 1 SIDE LOT LINES TO EXTEND FROM BACK OF FUTURE LOT TO FUTURE RIGHT OF WAY, COMPLETE IN PLACE	LF	10800	\$1.00	\$10,800.00	\$2.00	\$21,600.00	\$4.50	\$48,600.00
29	TEMPORARY COFFER DAM, INCLUDES INSTALLATION, MAINTENANCE, REMOVAL, AND RESTORATION OF EXISTING CLAY LINER UPON COMPLETION, COMPLETE IN PLACE	EA	1	\$5,000.00	\$5,000.00	\$12,476.07	\$12,476.07	\$7,200.00	\$7,200.00
30	GRADE 170 LF WIDE EMERGENCY OVERFLOW GRASS-LINED WEIR, COMPLETE IN PLACE	EA	1	\$2,500.00	\$2,500.00	\$7,500.00	\$7,500.00	\$11,000.00	\$11,000.00
POND 3 DETENTION ITEMS SUBTOTAL:					\$3,176,633.00		\$3,339,706.63		\$3,217,746.12
POND 3 MISCELLANEOUS ITEMS									
1	ADDITIONAL COST TO SCARIFY AREAS TO RECEIVE FILL TO A DEPTH OF 12 INCHES TO AERATE THE SUBGRADE SOILS AND RE-COMPACT TO 95% STANDARD PROCTOR DENSITY (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	AC	10	\$500.00	\$5,000.00	\$500.00	\$5,000.00	\$3,200.00	\$32,000.00
2	ADDITIONAL COST TO SCARIFY AREAS TO RECEIVE FILL TO A DEPTH OF 24 INCHES TO AERATE THE SUBGRADE SOILS AND RE-COMPACT TO 95% STANDARD PROCTOR DENSITY (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	AC	10	\$700.00	\$7,000.00	\$500.00	\$5,000.00	\$5,300.00	\$53,000.00
3	OVER EXCAVATION OF UNSUITABLE MATERIAL PRIOR TO FILL PLACEMENT WITHIN ONSITE FILL AREAS, INCLUDES EXCAVATION, DEMUCKING, AND SPREADING OR STOCKPILING OF UNSUITABLE MATERIAL AND PLACEMENT OF MATERIAL AS FINAL LIFT UPON COMPLETION OF FILL (AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	CY	10000	\$2.00	\$20,000.00	\$2.00	\$20,000.00	\$3.60	\$36,000.00

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				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
4	HYDROMULCH SEEDING, WATERING, AND FINE GRADING, INCLUDES WATERING TO ACHIEVE 90% HOMOGENEOUS VEGETATION TO ACCEPT FINAL PAYMENT, COMPLETE IN PLACE	AC	5	\$1,200.00	\$6,000.00	\$1,200.00	\$6,000.00	\$1,500.00	\$7,500.00
5	16" WIDE STRIP SOD PLACED ALONG WATERLINE AND HIGHBANK WITHIN THE POND SIDE SLOPE FOR SOIL STABILIZATION ON SIDE SLOPES, COMPLETE IN PLACE	LF	3341	\$0.85	\$2,839.85	\$2.50	\$8,352.50	\$2.20	\$7,350.20
POND 3 MISCELLANEOUS ITEMS SUBTOTAL:					\$40,839.85	\$44,352.50		\$135,850.20	
PONDS 1 AND 2 DETENTION ITEMS									
1	DETENTION EXCAVATION FROM PONDS 1 AND 2, INCLUDES STRIPPING AND STOCKPILE OF STRIPPINGS AND REAPPLYING STRIPPINGS TO FINAL GRADED AREAS, COMPLETE IN PLACE	CY	336660	\$1.75	\$589,155.00	\$1.66	\$558,855.60	\$1.81	\$609,354.60
2	AMENITY EXCAVATION FROM PONDS 1 AND 2, INCLUDES STRIPPING AND STOCKPILE OF STRIPPINGS AND REPLACEMENT OF STRIPPINGS UPON COMPLETION, COMPLETE IN PLACE	CY	73837	\$1.75	\$129,214.75	\$2.00	\$147,674.00	\$1.81	\$133,644.97
3	HAUL DETENTION EXCAVATION TO ONSITE FILL AREAS, PLACEMENT, GRADING AND COMPACTION (95% STANDARD PROCTOR DENSITY) OF EXCAVATED MATERIAL AS SHOWN ON CONSTRUCTION PLANS, INCLUDES STRIPPING OF FILL AREAS, STOCKPILE OF STRIPPING REPLACEMENT OF STRIPPING UPON COMPLETION, COMPLETE IN PLACE	CY	336660	\$1.75	\$589,155.00	\$2.18	\$733,918.80	\$1.81	\$609,354.60
4	HAUL AMENITY EXCAVATION TO ONSITE FILL AREAS, PLACEMENT, GRADING AND COMPACTION (95% STANDARD PROCTOR DENSITY) OF EXCAVATED MATERIAL AS SHOWN ON CONSTRUCTION PLANS, INCLUDES STRIPPING OF FILL AREAS, STOCKPILE OF STRIPPING REPLACEMENT OF STRIPPING UPON COMPLETION, COMPLETE IN PLACE	CY	73837	\$1.75	\$129,214.75	\$2.18	\$160,964.66	\$1.81	\$133,644.97
5	24" RCP STORM SEWER, ASTM C-76, CLASS III, INCLUDES BEDDING AND BACKFILL, ALL DEPTHS, COMPLETE IN PLACE	LF	24	\$90.00	\$2,160.00	\$101.31	\$2,431.44	\$91.00	\$2,184.00
6	30" RCP STORM SEWER, ASTM C-76, CLASS III, INCLUDES BEDDING AND BACKFILL, ALL DEPTHS, COMPLETE IN PLACE	LF	121	\$115.00	\$13,915.00	\$128.13	\$15,503.73	\$120.00	\$14,520.00
7	42" RCP STORM SEWER, ASTM C-76, CLASS III, INCLUDES BEDDING AND BACKFILL, ALL DEPTHS, COMPLETE IN PLACE	LF	8	\$205.00	\$1,640.00	\$216.83	\$1,734.64	\$192.00	\$1,536.00
8	48" RCP STORM SEWER, ASTM C-76, CLASS III, INCLUDES BEDDING AND BACKFILL, ALL DEPTHS, COMPLETE IN PLACE	LF	8	\$245.00	\$1,960.00	\$253.75	\$2,030.00	\$226.00	\$1,808.00
9	54" RCP STORM SEWER, ASTM C-76, CLASS III, INCLUDES BEDDING AND BACKFILL, ALL DEPTHS, COMPLETE IN PLACE	LF	232	\$345.00	\$80,040.00	\$360.83	\$83,712.56	\$334.00	\$77,488.00
10	72" RCP STORM SEWER, ASTM C-76, CLASS III, INCLUDES BEDDING AND BACKFILL, ALL DEPTHS, COMPLETE IN PLACE	LF	346	\$600.00	\$207,600.00	\$610.25	\$211,146.50	\$596.00	\$206,216.00
11	REINFORCED CONCRETE TYPE "C" MANHOLE FOR 48" STORM SEWER AND LARGER WITH REINFORCED CONCRETE TYPE "A" INLET TOP, INCLUDES ADJUSTMENTS, ALL DEPTHS, COMPLETE IN PLACE	EA	3	\$6,050.00	\$18,150.00	\$12,870.63	\$38,611.89	\$6,300.00	\$18,900.00
12	8" BRICK PLUG, ALL SIZES, ALL DEPTHS, COMPLETE IN PLACE	EA	5	\$1,000.00	\$5,000.00	\$717.37	\$3,586.85	\$1,200.00	\$6,000.00
13	BACKSLOPE INLET AND OUTFALL STRUCTURE WITH "A" INLET TOP, INCLUDES 24" CGMP, INTERCEPTOR STRUCTURE, AND SLOPE PROTECTION, COMPLETE IN PLACE	EA	8	\$6,500.00	\$52,000.00	\$18,000.00	\$144,000.00	\$9,200.00	\$73,600.00
14	5" REINFORCED CONCRETE SLOPE PAVEMENT WITH TOE WALLS ALL AROUND, COMPLETE IN PLACE	SY	828	\$88.00	\$72,864.00	\$115.00	\$95,220.00	\$130.00	\$107,640.00

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				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
15	TRENCH SAFETY SYSTEM FOR STORM SEWER, ALL SIZES, ALL DEPTHS, COMPLETE IN PLACE	LF	1043	\$1.00	\$1,043.00	\$1.00	\$1,043.00	\$1.00	\$1,043.00
16	FINAL ADJUSTMENT OF STORM SEWER MANHOLE TO FINAL GRADE, COMPLETE IN PLACE	EA	3	\$25.00	\$75.00	\$218.33	\$654.99	\$28.00	\$84.00
17	EXCAVATION AND GRADING OF DRAINAGE SWALE, SIDE SLOPE VARIES - V-BOTTOM, (ALL DEPTHS), INCLUDES HAULING OF SPOIL MATERIAL, STRIPPING, STOCKPILING STRIPPINGS, PLACEMENT AND COMPACTION OF NEW MATERIAL TO 95% STANDARD PROCTOR DENSITY, WITH MAXIMUM 8" LIFTS, AND RE-APPLICATION OF STRIPPINGS, COMPLETE IN PLACE	LF	16829	\$4.00	\$67,316.00	\$3.00	\$50,487.00	\$7.20	\$121,168.80
18	2' CLAY LINER TO BE USED WHERE UNSUITABLE SOILS OCCUR DURING EXCAVATION, (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), INCLUDES EXTRA EXCAVATION, STOCKPILING OF SUITABLE MATERIAL, HAULING, PLACEMENT, AND COMPACTION FOR POND LINING, COMPLETE IN PLACE	CY	24640	\$4.00	\$98,560.00	\$2.00	\$49,280.00	\$3.60	\$88,704.00
19	FINE GRADING OF SWALES ALONG FUTURE SIDE LOT LINES TO EXTEND FROM BACK OF FUTURE LOT TO FUTURE RIGHT OF WAY, COMPLETE IN PLACE	LF	23085	\$2.00	\$46,170.00	\$3.00	\$69,255.00	\$7.20	\$166,212.00
20	GRADE 350 LF WIDE EMERGENCY OVERFLOW GRASS-LINED WEIR, COMPLETE IN PLACE	EA	1	\$5,000.00	\$5,000.00	\$7,500.00	\$7,500.00	\$11,000.00	\$11,000.00
21	GRADE 150 LF WIDE EMERGENCY OVERFLOW GRASS-LINED WEIR, COMPLETE IN PLACE	EA	1	\$2,500.00	\$2,500.00	\$12,500.00	\$12,500.00	\$11,000.00	\$11,000.00
PONDS 1 AND 2 DETENTION ITEMS SUBTOTAL:					\$2,112,732.50		\$2,390,110.66		\$2,395,102.94
PONDS 1 AND 2 MISCELLANEOUS ITEMS									
1	ADDITIONAL COST TO SCARIFY AREAS TO RECEIVE FILL TO A DEPTH OF 12 INCHES TO AERATE THE SUBGRADE SOILS AND RE-COMPACT TO 95% STANDARD PROCTOR DENSITY (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	AC	10	\$599.76	\$5,997.60	\$500.00	\$5,000.00	\$3,200.00	\$32,000.00
2	ADDITIONAL COST TO SCARIFY AREAS TO RECEIVE FILL TO A DEPTH OF 24 INCHES TO AERATE THE SUBGRADE SOILS AND RE-COMPACT TO 95% STANDARD PROCTOR DENSITY (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	AC	10	\$599.76	\$5,997.60	\$500.00	\$5,000.00	\$5,300.00	\$53,000.00
3	OVER EXCAVATION OF UNSUITABLE MATERIAL PRIOR TO FILL PLACEMENT WITHIN ONSITE FILL AREAS, INCLUDES EXCAVATION, DEMUCKING, AND SPREADING OR STOCKPILING OF UNSUITABLE MATERIAL AND PLACEMENT OF MATERIAL AS FINAL LIFT UPON COMPLETION OF FILL (AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	CY	10000	\$2.00	\$20,000.00	\$2.00	\$20,000.00	\$3.60	\$36,000.00
4	HYDROMULCH SEEDING WATERING AND FINE GRADING, INCLUDES WATERING TO ACHIEVE 90% HOMOGENEOUS VEGETATION TO ACCEPT FINAL PAYMENT, COMPLETE IN PLACE	AC	16	\$1,200.00	\$19,200.00	\$1,200.00	\$19,200.00	\$1,500.00	\$24,000.00
5	BROADCAST SEEDING, INCLUDES FERTILIZING AND WATERING, TO ACHIEVE 90% HOMOGENEOUS GRASS COVERAGE, (AS DIRECTED BY ENGINEER), COMPLETE IN PLACE	AC	42	\$650.00	\$27,300.00	\$900.00	\$37,800.00	\$900.00	\$37,800.00
6	16" WIDE STRIP SOD PLACED ALONG WATERLINE AND HIGHBANK WITHIN THE POND SIDE SLOPE FOR SOIL STABILIZATION ON SIDE SLOPES, COMPLETE IN PLACE	LF	12357	\$0.85	\$10,503.45	\$2.50	\$30,892.50	\$2.20	\$27,185.40
7	ADDITIONAL FINE GRADING, ONLY AS DIRECTED BY THE ENGINEER, COMPLETE INPLACE	CY	12000	\$2.00	\$24,000.00	\$3.00	\$36,000.00	\$3.80	\$45,600.00
PONDS 1 AND 2 MISCELLANEOUS ITEMS SUBTOTAL:					\$112,998.65		\$153,892.50		\$255,585.40
POND 4 DETENTION ITEMS									

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ITEM	DESCRIPTION	UNIT	QTY	1) CE BARKER LTD.		2) RT ELLIS EXCAVATING INC		3) BLAZEY CONSTRUCTION SERVICES LLC	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
1	DETENTION EXCAVATION FROM POND 4 INCLUDES STRIPPING AND STOCKPILE OF STRIPPINGS AND REAPPLYING STRIPPINGS TO FINAL GRADED AREAS, COMPLETE IN PLACE	CY	88800	\$2.00	\$177,600.00	\$1.66	\$147,408.00	\$1.81	\$160,728.00
2	AMENITY EXCAVATION FROM POND 4, INCLUDES STRIPPING AND STOCKPILE OF STRIPPINGS AND REPLACEMENT OF STRIPPINGS UPON COMPLETION, COMPLETE IN PLACE	CY	21672	\$2.00	\$43,344.00	\$2.00	\$43,344.00	\$1.81	\$39,226.32
3	HAUL DETENTION EXCAVATION TO ONSITE FILL AREAS, PLACEMENT, GRADING AND COMPACTION (95% STANDARD PROCTOR DENSITY) OF EXCAVATED MATERIAL AS SHOWN ON CONSTRUCTION PLANS, INCLUDES STRIPPING OF FILL AREAS, STOCKPILE OF STRIPPING REPLACEMENT OF STRIPPING UPON COMPLETION, COMPLETE IN PLACE	CY	28800	\$2.00	\$57,600.00	\$2.18	\$62,784.00	\$1.81	\$52,128.00
4	HAUL DETENTION EXCAVATION TO JUBILEE FILL AREAS PLACEMENT, GRADING AND COMPACTION (95% STANDARD PROCTOR DENSITY) OF EXCAVATED MATERIAL AS SHOWN ON CONSTRUCTION PLANS, INCLUDES STRIPPING OF FILL AREAS, STOCKPILE OF STRIPPING, REPLACEMENT OF STRIPPING UPON COMPLETION, COMPLETE IN PLACE	CY	60000	\$2.00	\$120,000.00	\$2.18	\$130,800.00	\$1.81	\$108,600.00
5	HAUL AMENITY EXCAVATION TO ONSITE FILL AREAS, PLACEMENT, GRADING AND COMPACTION (95% STANDARD PROCTOR DENSITY) OF EXCAVATED MATERIAL AS SHOWN ON CONSTRUCTION PLANS, INCLUDES STRIPPING OF FILL AREAS, STOCKPILE OF STRIPPING REPLACEMENT OF STRIPPING UPON COMPLETION, COMPLETE IN PLACE	CY	21672	\$2.00	\$43,344.00	\$2.18	\$47,244.96	\$1.81	\$39,226.32
6	24" RCP STORM SEWER, ASTM C-76, CLASS III, INCLUDES BEDDING AND BACKFILL, ALL DEPTHS, COMPLETE IN PLACE	LF	28	\$90.00	\$2,520.00	\$101.31	\$2,836.68	\$91.00	\$2,548.00
7	48" RCP STORM SEWER, ASTM C-76, CLASS III, INCLUDES BEDDING AND BACKFILL, ALL DEPTHS, COMPLETE IN PLACE	LF	96	\$245.00	\$23,520.00	\$253.75	\$24,360.00	\$226.00	\$21,696.00
8	54" RCP STORM SEWER, ASTM C-76, CLASS III, INCLUDES BEDDING AND BACKFILL, ALL DEPTHS, COMPLETE IN PLACE	LF	123	\$345.00	\$42,435.00	\$360.83	\$44,382.09	\$334.00	\$41,082.00
9	60" RCP STORM SEWER, ASTM C-76, CLASS III, INCLUDES BEDDING AND BACKFILL, ALL DEPTHS, COMPLETE IN PLACE	LF	250	\$410.00	\$102,500.00	\$418.74	\$104,685.00	\$400.00	\$100,000.00
10	REINFORCED CONCRETE TYPE "C" MANHOLE FOR 48" STORM SEWER AND LARGER, INCLUDES ADJUSTMENTS, ALL DEPTHS, COMPLETE IN PLACE	EA	2	\$6,500.00	\$13,000.00	\$14,625.69	\$29,251.38	\$8,700.00	\$17,400.00
11	REINFORCED CONCRETE TYPE "C" MANHOLE FOR 48" STORM SEWER AND LARGER WITH REINFORCED CONCRETE TYPE "A" INLET TOP, INCLUDES ADJUSTMENTS, ALL DEPTHS, COMPLETE IN PLACE	EA	3	\$8,100.00	\$24,300.00	\$9,249.14	\$27,747.42	\$8,700.00	\$26,100.00
12	REINFORCED CONCRETE TYPE "A" INLET, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$9,300.00	\$9,300.00	\$3,462.11	\$3,462.11	\$8,200.00	\$8,200.00
13	BACKSLOPE INLET AND OUTFALL STRUCTURE WITH "A" INLET TOP, INCLUDES 24" CGMP, INTERCEPTOR STRUCTURE, AND SLOPE PROTECTION, COMPLETE IN PLACE	EA	2	\$6,500.00	\$13,000.00	\$18,000.00	\$36,000.00	\$8,500.00	\$17,000.00
14	5" REINFORCED CONCRETE SLOPE PAVEMENT WITH TOE WALLS ALL AROUND, COMPLETE IN PLACE	SY	370	\$85.68	\$31,701.60	\$125.00	\$46,250.00	\$130.00	\$48,100.00
15	TRENCH SAFETY SYSTEM FOR STORM SEWER, ALL SIZES, ALL DEPTHS, COMPLETE IN PLACE	LF	497	\$1.00	\$497.00	\$1.00	\$497.00	\$1.00	\$497.00
16	FINAL ADJUSTMENT OF STORM SEWER MANHOLE TO FINAL GRADE, COMPLETE IN PLACE	EA	4	\$25.00	\$100.00	\$218.33	\$873.32	\$28.00	\$112.00

BID TABULATION FOR:

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LJA JOB NO.

CONSTRUCTION OF PHASE 1 DETENTION
 TO SERVE HOCKLEY MEADOWS
 HARRIS COUNTY MUNICIPAL UTILITY DISTRICT NO. 478
 CITY OF HOUSTON E.T.J., HARRIS COUNTY, TEXAS
 AUGUST 8, 2024
 LJA ENGINEERING, INC.
 A. GUIJOSA
 AUGUST 8, 2024
 0074-4002B (9.2)

ITEM	DESCRIPTION	UNIT	QTY	1) CE BARKER LTD.		2) RT ELLIS EXCAVATING INC		3) BLAZEY CONSTRUCTION SERVICES LLC	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
17	EXCAVATION AND GRADING OF DRAINAGE SWALE, SIDE SLOPE VARIES - V-BOTTOM, (ALL DEPTHS), INCLUDES HAULING OF SPOIL MATERIAL, STRIPPING, STOCKPILING STRIPPINGS, PLACEMENT AND COMPACTION OF NEW MATERIAL TO 95% STANDARD PROCTOR DENSITY, WITH MAXIMUM 8" LIFTS, AND RE-APPLICATION OF STRIPPINGS, COMPLETE IN PLACE	LF	14174	\$4.00	\$56,696.00	\$3.00	\$42,522.00	\$4.50	\$63,783.00
18	2' CLAY LINER TO BE USED WHERE UNSUITABLE SOILS OCCUR DURING EXCAVATION, (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), INCLUDES EXTRA EXCAVATION, STOCKPILING OF SUITABLE MATERIAL, HAULING, PLACEMENT, AND COMPACTION FOR POND LINING, COMPLETE IN PLACE	CY	7084	\$4.00	\$28,336.00	\$2.00	\$14,168.00	\$3.60	\$25,502.40
19	FINE GRADING OF SWALES ALONG FUTURE SIDE OF LOT LINES TO EXTEND FROM BACK OF FUTURE LOT TO FUTURE RIGHT OF WAY, COMPLETE IN PLACE	LF	29490	\$2.00	\$58,980.00	\$3.00	\$88,470.00	\$4.50	\$132,705.00
POND 4 DETENTION ITEMS SUBTOTAL:					\$848,773.60		\$897,085.96		\$904,634.04
POND 4 MISCELLANEOUS ITEMS									
1	ADDITIONAL COST TO SCARIFY AREAS TO RECEIVE FILL TO A DEPTH OF 12 INCHES TO AERATE THE SUBGRADE SOILS AND RE-COMPACT TO 95% STANDARD PROCTOR DENSITY (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	AC	10	\$500.00	\$5,000.00	\$500.00	\$5,000.00	\$3,200.00	\$32,000.00
2	ADDITIONAL COST TO SCARIFY AREAS TO RECEIVE FILL TO A DEPTH OF 24 INCHES TO AERATE THE SUBGRADE SOILS AND RE-COMPACT TO 95% STANDARD PROCTOR DENSITY (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	AC	10	\$700.00	\$7,000.00	\$500.00	\$5,000.00	\$5,300.00	\$53,000.00
3	OVER EXCAVATION OF UNSUITABLE MATERIAL PRIOR TO FILL PLACEMENT WITHIN ONSITE FILL AREAS, INCLUDES EXCAVATION, DEMUCKING, AND SPREADING OR STOCKPILING OF UNSUITABLE MATERIAL AND PLACEMENT OF MATERIAL AS FINAL LIFT UPON COMPLETION OF FILL (AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	CY	10000	\$2.00	\$20,000.00	\$2.00	\$20,000.00	\$3.60	\$36,000.00
4	HYDROMULCH SEEDING WATERING AND FINE GRADING, INCLUDES WATERING TO ACHIEVE 90% HOMOGENEOUS VEGETATION TO ACCEPT FINAL PAYMENT, COMPLETE IN PLACE	AC	4	\$1,200.00	\$4,800.00	\$1,200.00	\$4,800.00	\$1,500.00	\$6,000.00
5	BROADCAST SEEDING, INCLUDES FERTILIZING AND WATERING, TO ACHIEVE 90% HOMOGENEOUS GRASS COVERAGE, (AS DIRECTED BY ENGINEER), COMPLETE IN PLACE	AC	56	\$742.56	\$41,583.36	\$900.00	\$50,400.00	\$900.00	\$50,400.00
6	16" WIDE STRIP SOD PLACED ALONG WATERLINE AND Highbank WITHIN THE POND SIDE SLOPE FOR SOIL STABILIZATION ON SIDE SLOPES, COMPLETE IN PLACE	LF	3545	\$0.85	\$3,013.25	\$2.50	\$8,862.50	\$2.20	\$7,799.00
POND 4 MISCELLANEOUS ITEMS SUBTOTAL:					\$81,396.61		\$94,062.50		\$185,199.00

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CONSTRUCTION OF PHASE 1 DETENTION
 TO SERVE HOCKLEY MEADOWS
 HARRIS COUNTY MUNICIPAL UTILITY DISTRICT NO. 478
 CITY OF HOUSTON E.T.J., HARRIS COUNTY, TEXAS
 AUGUST 8, 2024
 LJA ENGINEERING, INC.
 A. GUIJOSA
 AUGUST 8, 2024
 0074-4002B (9.2)

ITEM	DESCRIPTION	UNIT	QTY	1) CE BARKER LTD.		2) RT ELLIS EXCAVATING INC		3) BLAZEY CONSTRUCTION SERVICES LLC	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
MISCELLANEOUS DETENTION ITEMS									
1	STORMWATER POLLUTION PREVENTION PLAN COMPLIANCE, INCLUDES GENERAL SOURCE CONTROL AND ALL OTHER ITEMS NOT SPECIFICALLY LISTED, COMPLETE IN PLACE	LS	1	\$1,500.00	\$1,500.00	\$3,500.00	\$3,500.00	\$1,500.00	\$1,500.00
2	INSTALLATION AND MAINTENANCE OF STABILIZED CONSTRUCTION EXIT, COMPLETE IN PLACE	EA	1	\$2,200.00	\$2,200.00	\$2,500.00	\$2,500.00	\$2,000.00	\$2,000.00
3	DEWATERING (GROUNDWATER CONTROL) TO COMPLETE THE CONSTRUCTION OF PONDS, INCLUDES CONVENTIONAL VACUUM TYPE WELL POINTS, INTERNAL SUMPS AND PUMPS OR ANY TYPE OF PUMPING AS NECESSARY TO COMPLETE THE CONSTRUCTION OF THE PROJECT, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	AC	25	\$4,000.00	\$100,000.00	\$4,000.00	\$100,000.00	\$4,000.00	\$100,000.00
4	6" PORTABLE PUMP FOR REMOVAL OF SURFACE WATER REQUIRED TO CONSTRUCT PONDS , AND FOR REMOVAL OF WATER IN PONDS (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	HR	400	\$20.00	\$8,000.00	\$20.00	\$8,000.00	\$20.00	\$8,000.00
5	8" PORTABLE PUMP FOR REMOVAL OF SURFACE WATER REQUIRED TO CONSTRUCT PONDS, AND FOR REMOVAL OF WATER IN PONDS (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	HR	200	\$25.00	\$5,000.00	\$25.00	\$5,000.00	\$25.00	\$5,000.00
6	PORTABLE DISCHARGE PIPING FOR 6" OR 8" PUMP (BID ITEMS 4 AND 5) DRAINAGE, INCLUDES SILT SOCK, TO REMAIN ON SITE FOR DURATION OF THE PROJECT (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	LF	1000	\$10.00	\$10,000.00	\$2.00	\$2,000.00	\$40.00	\$40,000.00
7	INSTALL, MAINTAIN AND REMOVE REINFORCED FABRIC FENCE (SILT BARRIER FENCING), COMPLETE IN PLACE	LF	12016	\$2.00	\$24,032.00	\$2.75	\$33,044.00	\$2.40	\$28,838.40
8	CONSTRUCTION SITE SAFETY SIGNAGE AT ALL ENTRANCES, COMPLETE IN PLACE	LS	1	\$3,000.00	\$3,000.00	\$1,000.00	\$1,000.00	\$5,600.00	\$5,600.00
9	EXTRA CEMENT STABILIZED SAND, COMPLETE IN PLACE	TON	50	\$30.00	\$1,500.00	\$30.00	\$1,500.00	\$30.00	\$1,500.00
10	DEWATERING OF STORM PIPES, AS DIRECTED BY ENGINEER, COMPLETE IN PLACE	LF	200	\$20.00	\$4,000.00	\$121.50	\$24,300.00	\$28.00	\$5,600.00
11	CONCRETE TRUCK WASHOUT, INCLUDES INSTALLATION, MAINTENANCE, AND REMOVAL, AS DIRECTED BY ENGINEER, COMPLETE IN PLACE	EA	1	\$150.00	\$150.00	\$1,500.00	\$1,500.00	\$580.00	\$580.00
12	WET SAND BEDDING FOR UNSTABLE SUBGRADE FOR CITY STORM SEWER AS PER CITY OF HOUSTON DRAWING NO. 02317-02 AND 02317-07 (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	500	\$5.00	\$2,500.00	\$5.00	\$2,500.00	\$15.00	\$7,500.00
13	STAGE I INLET PROTECTION BARRIERS, COMPLETE IN PLACE	EA	20	\$25.00	\$500.00	\$250.00	\$5,000.00	\$61.00	\$1,220.00
14	STAGE II INLET PROTECTION BARRIERS, COMPLETE IN PLACE	EA	20	\$25.00	\$500.00	\$350.00	\$7,000.00	\$61.00	\$1,220.00
15	UTILITY SPOILS, COMPACTED TO 95% STANDARD PROTECTOR DENSITY, TO BE USED ON-SITE, INCLUDES HAULING, PLACEMENT AND COMPACTION, COMPLETE IN PLACE	LS	1	\$15,000.00	\$15,000.00	\$7,500.00	\$7,500.00	\$19,000.00	\$19,000.00
16	CONSTRUCTION STAKING FOR CONSTRUCTION BY THE CONTRACTOR, COMPLETE IN PLACE	LS	1	\$65,000.00	\$65,000.00	\$10,000.00	\$10,000.00	\$23,000.00	\$23,000.00
MISCELLANEOUS DETENTION ITEMS SUBTOTAL:					\$242,882.00		\$214,344.00		\$250,558.40
CLEARING & GRUBBING ITEMS									
1	HEAVY CLEARING AND GRUBBING OF WOODED AREAS, COMPLETE IN PLACE	AC	17	\$10,000.00	\$170,000.00	\$7,700.00	\$130,900.00	\$11,200.00	\$190,400.00

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CONSTRUCTION OF PHASE 1 DETENTION
 TO SERVE HOCKLEY MEADOWS
 HARRIS COUNTY MUNICIPAL UTILITY DISTRICT NO. 478
 CITY OF HOUSTON E.T.J., HARRIS COUNTY, TEXAS
 AUGUST 8, 2024
 LJA ENGINEERING, INC.
 A. GUIJOSA
 AUGUST 8, 2024
 0074-4002B (9.2)

ITEM	DESCRIPTION	UNIT	QTY	1) CE BARKER LTD.		2) RT ELLIS EXCAVATING INC		3) BLAZEY CONSTRUCTION SERVICES LLC	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
2	CHIPPING AND OFFSITE DISPOSAL OF CLEARED AND GRUBBED MATERIAL, COMPLETE IN PLACE	AC	17	\$2,500.00	\$42,500.00	\$5,200.00	\$88,400.00	\$5,000.00	\$85,000.00
3	DEMUCK AND DESILT EXISTING AREAS, COMPLETE IN PLACE	AC	2	\$5,000.00	\$10,000.00	\$4,000.00	\$8,000.00	\$4,500.00	\$9,000.00
4	REMOVE AND OFFSITE DISPOSAL OF BARBED WIRE FENCE, COMPLETE IN PLACE	LF	4268	\$5.00	\$21,340.00	\$1.00	\$4,268.00	\$11.00	\$46,948.00
5	REMOVE AND DISPOSE OF ALL THE DEMOLITION ITEMS AS SHOWN ON CONSTRUCTION PLANS SHEET NO. 8 IN A LEGAL MANNER, COMPLETE IN PLACE	LS	1	\$5,000.00	\$5,000.00	\$40,000.00	\$40,000.00	\$42,000.00	\$42,000.00
CLEARING & GRUBBING ITEMS SUBTOTAL:					\$248,840.00	\$271,568.00		\$373,348.00	
ALTERNATE NO. 1 ITEMS									
1	HAUL DETENTION EXCAVATED MATERIAL FROM PROPOSED POND(S) TO OFFSITE DISPOSAL AREA IN LIEU OF PONDS 1 AND 2 DETENTION ITEM NO. 3, COMPLETE IN PLACE	CY	336660	\$30.00	\$10,099,800.00	\$20.00	\$6,733,200.00	\$22.00	\$7,406,520.00
2	HAUL DETENTION EXCAVATED MATERIAL FROM PROPOSED POND(S) TO OFFSITE DISPOSAL AREA IN LIEU OF POND 3 DETENTION ITEM NO. 3, COMPLETE IN PLACE	CY	55780	\$30.00	\$1,673,400.00	\$20.00	\$1,115,600.00	\$22.00	\$1,227,160.00
3	HAUL DETENTION EXCAVATED MATERIAL FROM PROPOSED POND(S) TO OFFSITE DISPOSAL AREA IN LIEU OF POND 4 DETENTION ITEM NO. 3, COMPLETE IN PLACE	CY	28800	\$30.00	\$864,000.00	\$20.00	\$576,000.00	\$22.00	\$633,600.00
4	HAUL DETENTION EXCAVATED MATERIAL FROM PROPOSED POND(S) TO OFFSITE DISPOSAL AREA IN LIEU OF POND 4 DETENTION ITEM NO. 4, COMPLETE IN PLACE	CY	60000	\$30.00	\$1,800,000.00	\$20.00	\$1,200,000.00	\$23.00	\$1,380,000.00
ALTERNATE NO. 1 ITEMS SUBTOTAL:					\$14,437,200.00	\$9,624,800.00		\$10,647,280.00	
BIDDING SUMMARY									
SUBTOTAL POND 3 DETENTION ITEMS					\$3,176,633.00		\$3,339,706.63		\$3,217,746.12
SUBTOTAL POND 3 MISCELLANEOUS ITEMS					\$40,839.85		\$44,352.50		\$135,850.20
SUBTOTAL PONDS 1 AND 2 DETENTION ITEMS					\$2,112,732.50		\$2,390,110.66		\$2,395,102.94
SUBTOTAL PONDS 1 AND 2 MISCELLANEOUS ITEMS					\$112,998.65		\$153,892.50		\$255,585.40
SUBTOTAL POND 4 DETENTION ITEMS					\$848,773.60		\$897,085.96		\$904,634.04
SUBTOTAL POND 4 MISCELLANEOUS ITEMS					\$81,396.61		\$94,062.50		\$185,199.00
SUBTOTAL MISCELLANEOUS DETENTION ITEMS					\$242,882.00		\$214,344.00		\$250,558.40
SUBTOTAL CLEARING & GRUBBING ITEMS					\$248,840.00		\$271,568.00		\$373,348.00
TOTAL AMOUNT BASE BID					\$6,865,096.21		\$7,405,122.75		\$7,718,024.10
ALTERNATE NO. 1 ITEMS									
TOTAL AMOUNT BASE BID					\$6,865,096.21		\$7,405,122.75		\$7,718,024.10
DEDUCT POND 3 DETENTION ITEMS ITEM NO.3					-\$111,560.00		-\$121,600.40		-\$100,961.80
DEDUCT PONDS 1 AND 2 DETENTION ITEMS ITEM NO.3					-\$589,155.00		-\$733,918.80		-\$609,354.60
DEDUCT POND 4 DETENTION ITEMS ITEM NO.3					-\$57,600.00		-\$62,784.00		-\$52,128.00
DEDUCT POND 4 DETENTION ITEMS ITEM NO.4					-\$120,000.00		-\$130,800.00		-\$108,600.00
SUBTOTAL ALTERNATE NO. 1 ITEMS					\$14,437,200.00		\$9,624,800.00		\$10,647,280.00
TOTAL AMOUNT INCLUDING ALTERNATE NO. 1 ITEMS					\$20,423,981.21		\$15,980,819.55		\$17,494,259.70

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 TO SERVE HOCKLEY MEADOWS
 HARRIS COUNTY MUNICIPAL UTILITY DISTRICT NO. 478
 CITY OF HOUSTON E.T.J., HARRIS COUNTY, TEXAS
 AUGUST 8, 2024
 LJA ENGINEERING, INC.
 A. GUMJOSA
 AUGUST 8, 2024
 0074-4002B (9.2)

BID OPENING DATE:
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ITEM	DESCRIPTION	UNIT	QTY	4) EARTH BUILDERS, L.P.		5) LONNIE LISCHKA COMPANY, LP	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
POND 3 DETENTION ITEMS							
1	DETENTION EXCAVATION FROM POND 3, INCLUDES STRIPPING AND STOCKPILE OF STRIPPINGS AND REAPPLYING STRIPPINGS TO FINAL GRADED AREAS, COMPLETE IN PLACE	CY	55780	\$1.50	\$83,670.00	\$1.00	\$55,780.00
2	AMENITY EXCAVATION FROM POND 3, INCLUDES STRIPPING AND STOCKPILE OF STRIPPINGS AND REPLACEMENT OF STRIPPINGS UPON COMPLETION, COMPLETE IN PLACE	CY	8866	\$1.50	\$13,299.00	\$4.18	\$37,059.88
3	HAUL DETENTION EXCAVATION TO ONSITE FILL AREAS, PLACEMENT, GRADING AND COMPACTION (95% STANDARD PROCTOR DENSITY) OF EXCAVATED MATERIAL AS SHOWN ON CONSTRUCTION PLANS, INCLUDES STRIPPING OF FILL AREAS, STOCKPILE OF STRIPPING REPLACEMENT OF STRIPPING UPON COMPLETION, COMPLETE IN PLACE	CY	55780	\$2.00	\$111,560.00	\$1.00	\$55,780.00
4	HAUL AMENITY EXCAVATION TO ONSITE FILL AREAS, PLACEMENT, GRADING AND COMPACTION (95% STANDARD PROCTOR DENSITY) OF EXCAVATED MATERIAL AS SHOWN ON CONSTRUCTION PLANS, INCLUDES STRIPPING OF FILL AREAS, STOCKPILE OF STRIPPING REPLACEMENT OF STRIPPING UPON COMPLETION, COMPLETE IN PLACE	CY	8866	\$2.00	\$17,732.00	\$4.18	\$37,059.88
5	12" RCP STORM SEWER, ASTM C-76, CLASS III, INCLUDES BEDDING AND BACKFILL, ALL DEPTHS, COMPLETE IN PLACE	LF	224	\$70.00	\$15,680.00	\$79.00	\$17,696.00
6	24" RCP STORM SEWER, ASTM C-76, CLASS III, INCLUDES BEDDING AND BACKFILL, ALL DEPTHS, COMPLETE IN PLACE	LF	93	\$95.00	\$8,835.00	\$115.00	\$10,695.00
7	30" RCP STORM SEWER, ASTM C-76, CLASS III, INCLUDES BEDDING AND BACKFILL, ALL DEPTHS, COMPLETE IN PLACE	LF	16	\$145.00	\$2,320.00	\$165.00	\$2,640.00
8	48" RCP STORM SEWER, ASTM C-76, CLASS III, INCLUDES BEDDING AND BACKFILL, ALL DEPTHS, COMPLETE IN PLACE	LF	2047	\$275.00	\$562,925.00	\$285.00	\$583,395.00
9	54" RCP STORM SEWER, ASTM C-76, CLASS III, INCLUDES BEDDING AND BACKFILL, ALL DEPTHS, COMPLETE IN PLACE	LF	236	\$380.00	\$89,680.00	\$380.00	\$89,680.00
10	72" RCP STORM SEWER, ASTM C-76, CLASS III, INCLUDES BEDDING AND BACKFILL, ALL DEPTHS, COMPLETE IN PLACE	LF	305	\$680.00	\$207,400.00	\$645.00	\$196,725.00
11	2' X 1' REINFORCED CONCRETE BOX CULVERT, ASTM C-1433, INCLUDES BEDDING AND BACKFILL, ALL DEPTHS, COMPLETE IN PLACE	LF	20	\$300.00	\$6,000.00	\$325.00	\$6,500.00
12	10' X 5' REINFORCED CONCRETE BOX CULVERT, ASTM C-1433, INCLUDES BEDDING AND BACKFILL, ALL DEPTHS, COMPLETE IN PLACE	LF	1407	\$1,460.00	\$2,054,220.00	\$1,228.00	\$1,727,796.00
13	REINFORCED CONCRETE TYPE "C" MANHOLE FOR 48" STORM SEWER AND LARGER, INCLUDES ADJUSTMENTS, ALL DEPTHS, COMPLETE IN PLACE	EA	13	\$11,000.00	\$143,000.00	\$8,900.00	\$115,700.00
14	REINFORCED CONCRETE TYPE "C" MANHOLE FOR 48" STORM SEWER AND LARGER WITH REINFORCED CONCRETE TYPE "A" INLET TOP, INCLUDES ADJUSTMENTS, ALL DEPTHS, COMPLETE IN PLACE	EA	2	\$16,000.00	\$32,000.00	\$10,200.00	\$20,400.00
15	REINFORCED CONCRETE STORM SEWER JUNCTION BOX WITH REINFORCED CONCRETE TYPE "C" INLET TOP, ALL SIDES OPEN, INCLUDES ADJUSTMENTS, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$95,000.00	\$95,000.00	\$28,265.50	\$28,265.50
16	REINFORCED CONCRETE TYPE "A" INLET, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$5,800.00	\$5,800.00	\$9,100.00	\$9,100.00
17	REINFORCED CUSTOM CONCRETE STORM SEWER JUNCTION BOX WITH STEEL PLATE, 12X12' REINFORCED GRATE TOP, THREE SIDES OPEN, INCLUDES ADJUSTMENTS, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$95,000.00	\$95,000.00	\$104,665.80	\$104,665.80

BID TABULATION FOR:

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

CONSTRUCTION OF PHASE 1 DETENTION
 TO SERVE HOCKLEY MEADOWS
 HARRIS COUNTY MUNICIPAL UTILITY DISTRICT NO. 478
 CITY OF HOUSTON E.T.J., HARRIS COUNTY, TEXAS
 AUGUST 8, 2024
 LJA ENGINEERING, INC.
 A. GUMJOSA
 AUGUST 8, 2024
 0074-4002B (9.2)

ITEM	DESCRIPTION	UNIT	QTY	4) EARTH BUILDERS, L.P.		5) LONNIE LISCHKA COMPANY, LP	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
18	REINFORCED CUSTOM CONCRETE STORM SEWER ELBOW JUNCTION BOX, INCLUDES ADJUSTMENTS, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$75,000.00	\$75,000.00	\$56,883.00	\$56,883.00
19	REINFORCED CUSTOM CONCRETE STORM SEWER JUNCTION BOX WITH 12" SLUICE GATE, INCLUDES ADJUSTMENTS, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$60,000.00	\$60,000.00	\$47,651.00	\$47,651.00
20	8" BRICK PLUG, ALL SIZES, ALL DEPTHS, COMPLETE IN PLACE	EA	12	\$900.00	\$10,800.00	\$350.00	\$4,200.00
21	BACKSLOPE INLET AND OUTFALL STRUCTURE, WITH A INLET TOP, INCLUDES 24" CGMP, INTERCEPTOR STRUCTURE, AND SLOPE PROTECTION, COMPLETE IN PLACE	EA	1	\$14,000.00	\$14,000.00	\$16,122.40	\$16,122.40
22	24" THICK BURIED RIP RAP, INCLUDES GEOTEXTILE FABRIC, COMPLETE IN PLACE	SY	45	\$150.00	\$6,750.00	\$105.00	\$4,725.00
23	5" REINFORCED CONCRETE SLOPE PAVEMENT WITH TOE WALLS ALL AROUND, COMPLETE IN PLACE	SY	440	\$100.00	\$44,000.00	\$105.00	\$46,200.00
24	TRENCH SAFETY SYSTEM FOR STORM SEWER, ALL SIZES, ALL DEPTHS, COMPLETE IN PLACE	LF	4348	\$1.00	\$4,348.00	\$1.00	\$4,348.00
25	FINAL ADJUSTMENT OF STORM SEWER MANHOLE TO FINAL GRADE, COMPLETE IN PLACE	EA	15	\$300.00	\$4,500.00	\$200.00	\$3,000.00
26	EXCAVATION AND GRADING OF DRAINAGE SWALE, SIDE SLOPE VARIES - V-BOTTOM, (ALL DEPTHS), INCLUDES HAULING OF SPOIL MATERIAL, STRIPPING, STOCKPILING STRIPPINGS, PLACEMENT AND COMPACTION OF NEW MATERIAL TO 95% STANDARD PROCTOR DENSITY, WITH MAXIMUM 8" LIFTS, AND RE-APPLICATION OF STRIPPINGS, COMPLETE IN PLACE	LF	6708	\$4.00	\$26,832.00	\$3.00	\$20,124.00
27	2' CLAY LINER TO BE USED WHERE UNSUITABLE SOILS OCCUR DURING EXCAVATION, (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), INCLUDES EXTRA EXCAVATION, STOCKPILING OF SUITABLE MATERIAL, HAULING, PLACEMENT, AND COMPACTION FOR POND LINING, COMPLETE IN PLACE	CY	2930	\$2.00	\$5,860.00	\$4.70	\$13,771.00
28	FINE GRADING OF SWALES ALONG FUTURE SECTION 1 SIDE LOT LINES TO EXTEND FROM BACK OF FUTURE LOT TO FUTURE RIGHT OF WAY, COMPLETE IN PLACE	LF	10800	\$4.00	\$43,200.00	\$3.00	\$32,400.00
29	TEMPORARY COFFER DAM, INCLUDES INSTALLATION, MAINTENANCE, REMOVAL, AND RESTORATION OF EXISTING CLAY LINER UPON COMPLETION, COMPLETE IN PLACE	EA	1	\$15,000.00	\$15,000.00	\$5,000.00	\$5,000.00
30	GRADE 170 LF WIDE EMERGENCY OVERFLOW GRASS-LINED WEIR, COMPLETE IN PLACE	EA	1	\$25,000.00	\$25,000.00	\$3,400.00	\$3,400.00
POND 3 DETENTION ITEMS SUBTOTAL:					\$3,879,411.00		\$3,356,762.46
POND 3 MISCELLANEOUS ITEMS							
1	ADDITIONAL COST TO SCARIFY AREAS TO RECEIVE FILL TO A DEPTH OF 12 INCHES TO AERATE THE SUBGRADE SOILS AND RE-COMPACT TO 95% STANDARD PROCTOR DENSITY (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	AC	10	\$1,000.00	\$10,000.00	\$660.00	\$6,600.00
2	ADDITIONAL COST TO SCARIFY AREAS TO RECEIVE FILL TO A DEPTH OF 24 INCHES TO AERATE THE SUBGRADE SOILS AND RE-COMPACT TO 95% STANDARD PROCTOR DENSITY (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	AC	10	\$2,800.00	\$28,000.00	\$1,320.00	\$13,200.00
3	OVER EXCAVATION OF UNSUITABLE MATERIAL PRIOR TO FILL PLACEMENT WITHIN ONSITE FILL AREAS, INCLUDES EXCAVATION, DEMUCKING, AND SPREADING OR STOCKPILING OF UNSUITABLE MATERIAL AND PLACEMENT OF MATERIAL AS FINAL LIFT UPON COMPLETION OF FILL (AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	CY	10000	\$2.00	\$20,000.00	\$3.00	\$30,000.00

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CONSTRUCTION OF PHASE 1 DETENTION
 TO SERVE HOCKLEY MEADOWS
 HARRIS COUNTY MUNICIPAL UTILITY DISTRICT NO. 478
 CITY OF HOUSTON E.T.J., HARRIS COUNTY, TEXAS
 AUGUST 8, 2024
 LJA ENGINEERING, INC.
 A. GUMJOSA
 AUGUST 8, 2024
 0074-4002B (9.2)

BID OPENING DATE:
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ITEM	DESCRIPTION	UNIT	QTY	4) EARTH BUILDERS, L.P.		5) LONNIE LISCHKA COMPANY, LP	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
4	HYDROMULCH SEEDING, WATERING, AND FINE GRADING, INCLUDES WATERING TO ACHIEVE 90% HOMOGENEOUS VEGETATION TO ACCEPT FINAL PAYMENT, COMPLETE IN PLACE	AC	5	\$1,900.00	\$9,500.00	\$4,000.00	\$20,000.00
5	16" WIDE STRIP SOD PLACED ALONG WATERLINE AND HIGHBANK WITHIN THE POND SIDE SLOPE FOR SOIL STABILIZATION ON SIDE SLOPES, COMPLETE IN PLACE	LF	3341	\$1.40	\$4,677.40	\$2.50	\$8,352.50
POND 3 MISCELLANEOUS ITEMS SUBTOTAL:					\$72,177.40		\$78,152.50
PONDS 1 AND 2 DETENTION ITEMS							
1	DETENTION EXCAVATION FROM PONDS 1 AND 2, INCLUDES STRIPPING AND STOCKPILE OF STRIPPINGS AND REAPPLYING STRIPPINGS TO FINAL GRADED AREAS, COMPLETE IN PLACE	CY	336660	\$1.50	\$504,990.00	\$1.00	\$336,660.00
2	AMENITY EXCAVATION FROM PONDS 1 AND 2, INCLUDES STRIPPING AND STOCKPILE OF STRIPPINGS AND REPLACEMENT OF STRIPPINGS UPON COMPLETION, COMPLETE IN PLACE	CY	73837	\$1.50	\$110,755.50	\$1.00	\$73,837.00
3	HAUL DETENTION EXCAVATION TO ONSITE FILL AREAS, PLACEMENT, GRADING AND COMPACTION (95% STANDARD PROCTOR DENSITY) OF EXCAVATED MATERIAL AS SHOWN ON CONSTRUCTION PLANS, INCLUDES STRIPPING OF FILL AREAS, STOCKPILE OF STRIPPING REPLACEMENT OF STRIPPING UPON COMPLETION, COMPLETE IN PLACE	CY	336660	\$2.00	\$673,320.00	\$4.18	\$1,407,238.80
4	HAUL AMENITY EXCAVATION TO ONSITE FILL AREAS, PLACEMENT, GRADING AND COMPACTION (95% STANDARD PROCTOR DENSITY) OF EXCAVATED MATERIAL AS SHOWN ON CONSTRUCTION PLANS, INCLUDES STRIPPING OF FILL AREAS, STOCKPILE OF STRIPPING REPLACEMENT OF STRIPPING UPON COMPLETION, COMPLETE IN PLACE	CY	73837	\$2.00	\$147,674.00	\$4.18	\$308,638.66
5	24" RCP STORM SEWER, ASTM C-76, CLASS III, INCLUDES BEDDING AND BACKFILL, ALL DEPTHS, COMPLETE IN PLACE	LF	24	\$95.00	\$2,280.00	\$115.00	\$2,760.00
6	30" RCP STORM SEWER, ASTM C-76, CLASS III, INCLUDES BEDDING AND BACKFILL, ALL DEPTHS, COMPLETE IN PLACE	LF	121	\$145.00	\$17,545.00	\$165.00	\$19,965.00
7	42" RCP STORM SEWER, ASTM C-76, CLASS III, INCLUDES BEDDING AND BACKFILL, ALL DEPTHS, COMPLETE IN PLACE	LF	8	\$300.00	\$2,400.00	\$283.50	\$2,268.00
8	48" RCP STORM SEWER, ASTM C-76, CLASS III, INCLUDES BEDDING AND BACKFILL, ALL DEPTHS, COMPLETE IN PLACE	LF	8	\$300.00	\$2,400.00	\$301.00	\$2,408.00
9	54" RCP STORM SEWER, ASTM C-76, CLASS III, INCLUDES BEDDING AND BACKFILL, ALL DEPTHS, COMPLETE IN PLACE	LF	232	\$380.00	\$88,160.00	\$380.00	\$88,160.00
10	72" RCP STORM SEWER, ASTM C-76, CLASS III, INCLUDES BEDDING AND BACKFILL, ALL DEPTHS, COMPLETE IN PLACE	LF	346	\$680.00	\$235,280.00	\$645.00	\$223,170.00
11	REINFORCED CONCRETE TYPE "C" MANHOLE FOR 48" STORM SEWER AND LARGER WITH REINFORCED CONCRETE TYPE "A" INLET TOP, INCLUDES ADJUSTMENTS, ALL DEPTHS, COMPLETE IN PLACE	EA	3	\$16,000.00	\$48,000.00	\$10,200.00	\$30,600.00
12	8" BRICK PLUG, ALL SIZES, ALL DEPTHS, COMPLETE IN PLACE	EA	5	\$900.00	\$4,500.00	\$350.00	\$1,750.00
13	BACKSLOPE INLET AND OUTFALL STRUCTURE WITH "A" INLET TOP, INCLUDES 24" CGMP, INTERCEPTOR STRUCTURE, AND SLOPE PROTECTION, COMPLETE IN PLACE	EA	8	\$14,000.00	\$112,000.00	\$16,122.40	\$128,979.20
14	5" REINFORCED CONCRETE SLOPE PAVEMENT WITH TOE WALLS ALL AROUND, COMPLETE IN PLACE	SY	828	\$100.00	\$82,800.00	\$105.00	\$86,940.00

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CONSTRUCTION OF PHASE 1 DETENTION
 TO SERVE HOCKLEY MEADOWS
 HARRIS COUNTY MUNICIPAL UTILITY DISTRICT NO. 478
 CITY OF HOUSTON E.T.J., HARRIS COUNTY, TEXAS
 AUGUST 8, 2024
 LJA ENGINEERING, INC.
 A. GUMJOSA
 AUGUST 8, 2024
 0074-4002B (9.2)

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ITEM	DESCRIPTION	UNIT	QTY	4) EARTH BUILDERS, L.P.		5) LONNIE LISCHKA COMPANY, LP	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
15	TRENCH SAFETY SYSTEM FOR STORM SEWER, ALL SIZES, ALL DEPTHS, COMPLETE IN PLACE	LF	1043	\$1.00	\$1,043.00	\$1.00	\$1,043.00
16	FINAL ADJUSTMENT OF STORM SEWER MANHOLE TO FINAL GRADE, COMPLETE IN PLACE	EA	3	\$300.00	\$900.00	\$200.00	\$600.00
17	EXCAVATION AND GRADING OF DRAINAGE SWALE, SIDE SLOPE VARIES - V-BOTTOM, (ALL DEPTHS), INCLUDES HAULING OF SPOIL MATERIAL, STRIPPING, STOCKPILING STRIPPINGS, PLACEMENT AND COMPACTION OF NEW MATERIAL TO 95% STANDARD PROCTOR DENSITY, WITH MAXIMUM 8" LIFTS, AND RE-APPLICATION OF STRIPPINGS, COMPLETE IN PLACE	LF	16829	\$4.00	\$67,316.00	\$3.00	\$50,487.00
18	2' CLAY LINER TO BE USED WHERE UNSUITABLE SOILS OCCUR DURING EXCAVATION, (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), INCLUDES EXTRA EXCAVATION, STOCKPILING OF SUITABLE MATERIAL, HAULING, PLACEMENT, AND COMPACTION FOR POND LINING, COMPLETE IN PLACE	CY	24640	\$2.00	\$49,280.00	\$4.70	\$115,808.00
19	FINE GRADING OF SWALES ALONG FUTURE SIDE LOT LINES TO EXTEND FROM BACK OF FUTURE LOT TO FUTURE RIGHT OF WAY, COMPLETE IN PLACE	LF	23085	\$4.00	\$92,340.00	\$3.00	\$69,255.00
20	GRADE 350 LF WIDE EMERGENCY OVERFLOW GRASS-LINED WEIR, COMPLETE IN PLACE	EA	1	\$45,000.00	\$45,000.00	\$7,000.00	\$7,000.00
21	GRADE 150 LF WIDE EMERGENCY OVERFLOW GRASS-LINED WEIR, COMPLETE IN PLACE	EA	1	\$25,000.00	\$25,000.00	\$3,000.00	\$3,000.00
PONDS 1 AND 2 DETENTION ITEMS SUBTOTAL:					\$2,312,983.50		\$2,960,567.66
PONDS 1 AND 2 MISCELLANEOUS ITEMS							
1	ADDITIONAL COST TO SCARIFY AREAS TO RECEIVE FILL TO A DEPTH OF 12 INCHES TO AERATE THE SUBGRADE SOILS AND RE-COMPACT TO 95% STANDARD PROCTOR DENSITY (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	AC	10	\$1,000.00	\$10,000.00	\$660.00	\$6,600.00
2	ADDITIONAL COST TO SCARIFY AREAS TO RECEIVE FILL TO A DEPTH OF 24 INCHES TO AERATE THE SUBGRADE SOILS AND RE-COMPACT TO 95% STANDARD PROCTOR DENSITY (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	AC	10	\$2,800.00	\$28,000.00	\$1,320.00	\$13,200.00
3	OVER EXCAVATION OF UNSUITABLE MATERIAL PRIOR TO FILL PLACEMENT WITHIN ONSITE FILL AREAS, INCLUDES EXCAVATION, DEMUCKING, AND SPREADING OR STOCKPILING OF UNSUITABLE MATERIAL AND PLACEMENT OF MATERIAL AS FINAL LIFT UPON COMPLETION OF FILL (AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	CY	10000	\$2.00	\$20,000.00	\$3.00	\$30,000.00
4	HYDROMULCH SEEDING WATERING AND FINE GRADING, INCLUDES WATERING TO ACHIEVE 90% HOMOGENEOUS VEGETATION TO ACCEPT FINAL PAYMENT, COMPLETE IN PLACE	AC	16	\$1,900.00	\$30,400.00	\$4,000.00	\$64,000.00
5	BROADCAST SEEDING, INCLUDES FERTILIZING AND WATERING, TO ACHIEVE 90% HOMOGENEOUS GRASS COVERAGE, (AS DIRECTED BY ENGINEER), COMPLETE IN PLACE	AC	42	\$900.00	\$37,800.00	\$100.00	\$4,200.00
6	16" WIDE STRIP SOD PLACED ALONG WATERLINE AND HIGHBANK WITHIN THE POND SIDE SLOPE FOR SOIL STABILIZATION ON SIDE SLOPES, COMPLETE IN PLACE	LF	12357	\$1.40	\$17,299.80	\$2.50	\$30,892.50
7	ADDITIONAL FINE GRADING, ONLY AS DIRECTED BY THE ENGINEER, COMPLETE INPLACE	CY	12000	\$2.00	\$24,000.00	\$5.18	\$62,160.00
PONDS 1 AND 2 MISCELLANEOUS ITEMS SUBTOTAL:					\$167,499.80		\$211,052.50
POND 4 DETENTION ITEMS							

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 HARRIS COUNTY MUNICIPAL UTILITY DISTRICT NO. 478
 CITY OF HOUSTON E.T.J., HARRIS COUNTY, TEXAS
 AUGUST 8, 2024
 LJA ENGINEERING, INC.
 A. GUMJOSA
 AUGUST 8, 2024
 0074-4002B (9.2)

ITEM	DESCRIPTION	UNIT	QTY	4) EARTH BUILDERS, L.P.		5) LONNIE LISCHKA COMPANY, LP	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
1	DETENTION EXCAVATION FROM POND 4 INCLUDES STRIPPING AND STOCKPILE OF STRIPPINGS AND REAPPLYING STRIPPINGS TO FINAL GRADED AREAS, COMPLETE IN PLACE	CY	88800	\$1.50	\$133,200.00	\$1.00	\$88,800.00
2	AMENITY EXCAVATION FROM POND 4, INCLUDES STRIPPING AND STOCKPILE OF STRIPPINGS AND REPLACEMENT OF STRIPPINGS UPON COMPLETION, COMPLETE IN PLACE	CY	21672	\$1.50	\$32,508.00	\$1.00	\$21,672.00
3	HAUL DETENTION EXCAVATION TO ONSITE FILL AREAS, PLACEMENT, GRADING AND COMPACTION (95% STANDARD PROCTOR DENSITY) OF EXCAVATED MATERIAL AS SHOWN ON CONSTRUCTION PLANS, INCLUDES STRIPPING OF FILL AREAS, STOCKPILE OF STRIPPING REPLACEMENT OF STRIPPING UPON COMPLETION, COMPLETE IN PLACE	CY	28800	\$2.00	\$57,600.00	\$4.18	\$120,384.00
4	HAUL DETENTION EXCAVATION TO JUBILEE FILL AREAS PLACEMENT, GRADING AND COMPACTION (95% STANDARD PROCTOR DENSITY) OF EXCAVATED MATERIAL AS SHOWN ON CONSTRUCTION PLANS, INCLUDES STRIPPING OF FILL AREAS, STOCKPILE OF STRIPPING, REPLACEMENT OF STRIPPING UPON COMPLETION, COMPLETE IN PLACE	CY	60000	\$3.00	\$180,000.00	\$4.18	\$250,800.00
5	HAUL AMENITY EXCAVATION TO ONSITE FILL AREAS, PLACEMENT, GRADING AND COMPACTION (95% STANDARD PROCTOR DENSITY) OF EXCAVATED MATERIAL AS SHOWN ON CONSTRUCTION PLANS, INCLUDES STRIPPING OF FILL AREAS, STOCKPILE OF STRIPPING REPLACEMENT OF STRIPPING UPON COMPLETION, COMPLETE IN PLACE	CY	21672	\$2.00	\$43,344.00	\$4.18	\$90,588.96
6	24" RCP STORM SEWER, ASTM C-76, CLASS III, INCLUDES BEDDING AND BACKFILL, ALL DEPTHS, COMPLETE IN PLACE	LF	28	\$95.00	\$2,660.00	\$115.00	\$3,220.00
7	48" RCP STORM SEWER, ASTM C-76, CLASS III, INCLUDES BEDDING AND BACKFILL, ALL DEPTHS, COMPLETE IN PLACE	LF	96	\$300.00	\$28,800.00	\$285.00	\$27,360.00
8	54" RCP STORM SEWER, ASTM C-76, CLASS III, INCLUDES BEDDING AND BACKFILL, ALL DEPTHS, COMPLETE IN PLACE	LF	123	\$380.00	\$46,740.00	\$380.00	\$46,740.00
9	60" RCP STORM SEWER, ASTM C-76, CLASS III, INCLUDES BEDDING AND BACKFILL, ALL DEPTHS, COMPLETE IN PLACE	LF	250	\$650.00	\$162,500.00	\$440.00	\$110,000.00
10	REINFORCED CONCRETE TYPE "C" MANHOLE FOR 48" STORM SEWER AND LARGER, INCLUDES ADJUSTMENTS, ALL DEPTHS, COMPLETE IN PLACE	EA	2	\$17,000.00	\$34,000.00	\$8,900.00	\$17,800.00
11	REINFORCED CONCRETE TYPE "C" MANHOLE FOR 48" STORM SEWER AND LARGER WITH REINFORCED CONCRETE TYPE "A" INLET TOP, INCLUDES ADJUSTMENTS, ALL DEPTHS, COMPLETE IN PLACE	EA	3	\$12,000.00	\$36,000.00	\$10,200.00	\$30,600.00
12	REINFORCED CONCRETE TYPE "A" INLET, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$5,000.00	\$5,000.00	\$9,100.00	\$9,100.00
13	BACKSLOPE INLET AND OUTFALL STRUCTURE WITH "A" INLET TOP, INCLUDES 24" CGMP, INTERCEPTOR STRUCTURE, AND SLOPE PROTECTION, COMPLETE IN PLACE	EA	2	\$14,000.00	\$28,000.00	\$16,122.40	\$32,244.80
14	5" REINFORCED CONCRETE SLOPE PAVEMENT WITH TOE WALLS ALL AROUND, COMPLETE IN PLACE	SY	370	\$100.00	\$37,000.00	\$105.00	\$38,850.00
15	TRENCH SAFETY SYSTEM FOR STORM SEWER, ALL SIZES, ALL DEPTHS, COMPLETE IN PLACE	LF	497	\$1.00	\$497.00	\$1.00	\$497.00
16	FINAL ADJUSTMENT OF STORM SEWER MANHOLE TO FINAL GRADE, COMPLETE IN PLACE	EA	4	\$300.00	\$1,200.00	\$200.00	\$800.00

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ITEM	DESCRIPTION	UNIT	QTY	4) EARTH BUILDERS, L.P.		5) LONNIE LISCHKA COMPANY, LP	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
17	EXCAVATION AND GRADING OF DRAINAGE SWALE, SIDE SLOPE VARIES - V-BOTTOM, (ALL DEPTHS), INCLUDES HAULING OF SPOIL MATERIAL, STRIPPING, STOCKPILING STRIPPINGS, PLACEMENT AND COMPACTION OF NEW MATERIAL TO 95% STANDARD PROCTOR DENSITY, WITH MAXIMUM 8" LIFTS, AND RE-APPLICATION OF STRIPPINGS, COMPLETE IN PLACE	LF	14174	\$4.00	\$56,696.00	\$3.00	\$42,522.00
18	2' CLAY LINER TO BE USED WHERE UNSUITABLE SOILS OCCUR DURING EXCAVATION, (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), INCLUDES EXTRA EXCAVATION, STOCKPILING OF SUITABLE MATERIAL, HAULING, PLACEMENT, AND COMPACTION FOR POND LINING, COMPLETE IN PLACE	CY	7084	\$2.00	\$14,168.00	\$4.70	\$33,294.80
19	FINE GRADING OF SWALES ALONG FUTURE SIDE OF LOT LINES TO EXTEND FROM BACK OF FUTURE LOT TO FUTURE RIGHT OF WAY, COMPLETE IN PLACE	LF	29490	\$4.00	\$117,960.00	\$3.00	\$88,470.00
POND 4 DETENTION ITEMS SUBTOTAL:					\$1,017,873.00		\$1,053,743.56
POND 4 MISCELLANEOUS ITEMS							
1	ADDITIONAL COST TO SCARIFY AREAS TO RECEIVE FILL TO A DEPTH OF 12 INCHES TO AERATE THE SUBGRADE SOILS AND RE-COMPACT TO 95% STANDARD PROCTOR DENSITY (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	AC	10	\$1,000.00	\$10,000.00	\$660.00	\$6,600.00
2	ADDITIONAL COST TO SCARIFY AREAS TO RECEIVE FILL TO A DEPTH OF 24 INCHES TO AERATE THE SUBGRADE SOILS AND RE-COMPACT TO 95% STANDARD PROCTOR DENSITY (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	AC	10	\$2,800.00	\$28,000.00	\$1,320.00	\$13,200.00
3	OVER EXCAVATION OF UNSUITABLE MATERIAL PRIOR TO FILL PLACEMENT WITHIN ONSITE FILL AREAS, INCLUDES EXCAVATION, DEMUCKING, AND SPREADING OR STOCKPILING OF UNSUITABLE MATERIAL AND PLACEMENT OF MATERIAL AS FINAL LIFT UPON COMPLETION OF FILL (AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	CY	10000	\$2.00	\$20,000.00	\$3.00	\$30,000.00
4	HYDROMULCH SEEDING WATERING AND FINE GRADING, INCLUDES WATERING TO ACHIEVE 90% HOMOGENEOUS VEGETATION TO ACCEPT FINAL PAYMENT, COMPLETE IN PLACE	AC	4	\$1,900.00	\$7,600.00	\$4,000.00	\$16,000.00
5	BROADCAST SEEDING, INCLUDES FERTILIZING AND WATERING, TO ACHIEVE 90% HOMOGENEOUS GRASS COVERAGE, (AS DIRECTED BY ENGINEER), COMPLETE IN PLACE	AC	56	\$900.00	\$50,400.00	\$100.00	\$5,600.00
6	16" WIDE STRIP SOD PLACED ALONG WATERLINE AND HIGHBANK WITHIN THE POND SIDE SLOPE FOR SOIL STABILIZATION ON SIDE SLOPES, COMPLETE IN PLACE	LF	3545	\$1.40	\$4,963.00	\$2.50	\$8,862.50
POND 4 MISCELLANEOUS ITEMS SUBTOTAL:					\$120,963.00		\$80,262.50

BID TABULATION FOR:

CONSTRUCTION OF PHASE 1 DETENTION
 TO SERVE HOCKLEY MEADOWS
 HARRIS COUNTY MUNICIPAL UTILITY DISTRICT NO. 478
 CITY OF HOUSTON E.T.J., HARRIS COUNTY, TEXAS
 AUGUST 8, 2024
 LJA ENGINEERING, INC.
 A. GUMJOSA
 AUGUST 8, 2024
 0074-4002B (9.2)

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

ITEM	DESCRIPTION	UNIT	QTY	4) EARTH BUILDERS, L.P.		5) LONNIE LISCHKA COMPANY, LP	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
MISCELLANEOUS DETENTION ITEMS							
1	STORMWATER POLLUTION PREVENTION PLAN COMPLIANCE, INCLUDES GENERAL SOURCE CONTROL AND ALL OTHER ITEMS NOT SPECIFICALLY LISTED, COMPLETE IN PLACE	LS	1	\$5,000.00	\$5,000.00	\$3,500.00	\$3,500.00
2	INSTALLATION AND MAINTENANCE OF STABILIZED CONSTRUCTION EXIT, COMPLETE IN PLACE	EA	1	\$7,500.00	\$7,500.00	\$3,500.00	\$3,500.00
3	DEWATERING (GROUNDWATER CONTROL) TO COMPLETE THE CONSTRUCTION OF PONDS, INCLUDES CONVENTIONAL VACUUM TYPE WELL POINTS, INTERNAL SUMPS AND PUMPS OR ANY TYPE OF PUMPING AS NECESSARY TO COMPLETE THE CONSTRUCTION OF THE PROJECT, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	AC	25	\$4,000.00	\$100,000.00	\$4,000.00	\$100,000.00
4	6" PORTABLE PUMP FOR REMOVAL OF SURFACE WATER REQUIRED TO CONSTRUCT PONDS, AND FOR REMOVAL OF WATER IN PONDS (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	HR	400	\$20.00	\$8,000.00	\$45.00	\$18,000.00
5	8" PORTABLE PUMP FOR REMOVAL OF SURFACE WATER REQUIRED TO CONSTRUCT PONDS, AND FOR REMOVAL OF WATER IN PONDS (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	HR	200	\$25.00	\$5,000.00	\$60.00	\$12,000.00
6	PORTABLE DISCHARGE PIPING FOR 6" OR 8" PUMP (BID ITEMS 4 AND 5) DRAINAGE, INCLUDES SILT SOCK, TO REMAIN ON SITE FOR DURATION OF THE PROJECT (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	LF	1000	\$5.00	\$5,000.00	\$12.00	\$12,000.00
7	INSTALL, MAINTAIN AND REMOVE REINFORCED FABRIC FENCE (SILT BARRIER FENCING), COMPLETE IN PLACE	LF	12016	\$2.90	\$34,846.40	\$0.01	\$120.16
8	CONSTRUCTION SITE SAFETY SIGNAGE AT ALL ENTRANCES, COMPLETE IN PLACE	LS	1	\$2,500.00	\$2,500.00	\$1,000.00	\$1,000.00
9	EXTRA CEMENT STABILIZED SAND, COMPLETE IN PLACE	TON	50	\$35.00	\$1,750.00	\$30.00	\$1,500.00
10	DEWATERING OF STORM PIPES, AS DIRECTED BY ENGINEER, COMPLETE IN PLACE	LF	200	\$2.00	\$400.00	\$0.01	\$2.00
11	CONCRETE TRUCK WASHOUT, INCLUDES INSTALLATION, MAINTENANCE, AND REMOVAL, AS DIRECTED BY ENGINEER, COMPLETE IN PLACE	EA	1	\$2,000.00	\$2,000.00	\$750.00	\$750.00
12	WET SAND BEDDING FOR UNSTABLE SUBGRADE FOR CITY STORM SEWER AS PER CITY OF HOUSTON DRAWING NO. 02317-02 AND 02317-07 (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	500	\$5.00	\$2,500.00	\$5.00	\$2,500.00
13	STAGE I INLET PROTECTION BARRIERS, COMPLETE IN PLACE	EA	20	\$75.00	\$1,500.00	\$1.00	\$20.00
14	STAGE II INLET PROTECTION BARRIERS, COMPLETE IN PLACE	EA	20	\$75.00	\$1,500.00	\$1.00	\$20.00
15	UTILITY SPOILS, COMPACTED TO 95% STANDARD PROTECTOR DENSITY, TO BE USED ON-SITE, INCLUDES HAULING, PLACEMENT AND COMPACTION, COMPLETE IN PLACE	LS	1	\$1.00	\$1.00	\$13,201.00	\$13,201.00
16	CONSTRUCTION STAKING FOR CONSTRUCTION BY THE CONTRACTOR, COMPLETE IN PLACE	LS	1	\$90,000.00	\$90,000.00	\$20,000.00	\$20,000.00
MISCELLANEOUS DETENTION ITEMS SUBTOTAL:					\$267,497.40		\$188,113.16
CLEARING & GRUBBING ITEMS							
1	HEAVY CLEARING AND GRUBBING OF WOODED AREAS, COMPLETE IN PLACE	AC	17	\$8,000.00	\$136,000.00	\$8,350.00	\$141,950.00

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ITEM	DESCRIPTION	UNIT	QTY	4) EARTH BUILDERS, L.P.		5) LONNIE LISCHKA COMPANY, LP	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
2	CHIPPING AND OFFSITE DISPOSAL OF CLEARED AND GRUBBED MATERIAL, COMPLETE IN PLACE	AC	17	\$2,500.00	\$42,500.00	\$2,000.00	\$34,000.00
3	DEMUCK AND DESILT EXISTING AREAS, COMPLETE IN PLACE	AC	2	\$25,000.00	\$50,000.00	\$12,300.00	\$24,600.00
4	REMOVE AND OFFSITE DISPOSAL OF BARBED WIRE FENCE, COMPLETE IN PLACE	LF	4268	\$3.00	\$12,804.00	\$2.50	\$10,670.00
5	REMOVE AND DISPOSE OF ALL THE DEMOLITION ITEMS AS SHOWN ON CONSTRUCTION PLANS SHEET NO. 8 IN A LEGAL MANNER, COMPLETE IN PLACE	LS	1	\$50,000.00	\$50,000.00	\$12,000.00	\$12,000.00
CLEARING & GRUBBING ITEMS SUBTOTAL:					\$291,304.00	\$223,220.00	
ALTERNATE NO. 1 ITEMS							
1	HAUL DETENTION EXCAVATED MATERIAL FROM PROPOSED POND(S) TO OFFSITE DISPOSAL AREA IN LIEU OF PONDS 1 AND 2 DETENTION ITEM NO. 3, COMPLETE IN PLACE	CY	336660	\$15.00	\$5,049,900.00	\$30.00	\$10,099,800.00
2	HAUL DETENTION EXCAVATED MATERIAL FROM PROPOSED POND(S) TO OFFSITE DISPOSAL AREA IN LIEU OF POND 3 DETENTION ITEM NO. 3, COMPLETE IN PLACE	CY	55780	\$15.00	\$836,700.00	\$30.00	\$1,673,400.00
3	HAUL DETENTION EXCAVATED MATERIAL FROM PROPOSED POND(S) TO OFFSITE DISPOSAL AREA IN LIEU OF POND 4 DETENTION ITEM NO. 3, COMPLETE IN PLACE	CY	28800	\$15.00	\$432,000.00	\$30.00	\$864,000.00
4	HAUL DETENTION EXCAVATED MATERIAL FROM PROPOSED POND(S) TO OFFSITE DISPOSAL AREA IN LIEU OF POND 4 DETENTION ITEM NO. 4, COMPLETE IN PLACE	CY	60000	\$15.00	\$900,000.00	\$30.00	\$1,800,000.00
ALTERNATE NO. 1 ITEMS SUBTOTAL:					\$7,218,600.00	\$14,437,200.00	
BIDDING SUMMARY							
SUBTOTAL POND 3 DETENTION ITEMS					\$3,879,411.00		\$3,356,762.46
SUBTOTAL POND 3 MISCELLANEOUS ITEMS					\$72,177.40		\$78,152.50
SUBTOTAL PONDS 1 AND 2 DETENTION ITEMS					\$2,312,983.50		\$2,960,567.66
SUBTOTAL PONDS 1 AND 2 MISCELLANEOUS ITEMS					\$167,499.80		\$211,052.50
SUBTOTAL POND 4 DETENTION ITEMS					\$1,017,873.00		\$1,053,743.56
SUBTOTAL POND 4 MISCELLANEOUS ITEMS					\$120,963.00		\$80,262.50
SUBTOTAL MISCELLANEOUS DETENTION ITEMS					\$267,497.40		\$188,113.16
SUBTOTAL CLEARING & GRUBBING ITEMS					\$291,304.00		\$223,220.00
TOTAL AMOUNT BASE BID					\$8,129,709.10		\$8,151,874.34
ALTERNATE NO. 1 ITEMS							
TOTAL AMOUNT BASE BID					\$8,129,709.10		\$8,151,874.34
DEDUCT POND 3 DETENTION ITEMS ITEM NO.3					-\$111,560.00		-\$55,780.00
DEDUCT PONDS 1 AND 2 DETENTION ITEMS ITEM NO.3					-\$673,320.00		-\$1,407,238.80
DEDUCT POND 4 DETENTION ITEMS ITEM NO.3					-\$57,600.00		-\$120,384.00
DEDUCT POND 4 DETENTION ITEMS ITEM NO.4					-\$180,000.00		-\$250,800.00
SUBTOTAL ALTERNATE NO. 1 ITEMS					\$7,218,600.00		\$14,437,200.00
TOTAL AMOUNT INCLUDING ALTERNATE NO. 1 ITEMS					\$14,325,829.10		\$20,754,871.54