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

CONSTRUCTION OF THE DETENTION FACILITIES TO SERVE ELYSON PHASE 4
HARRIS COUNTY MUNICIPAL UTILITY DISTRICT NO. 171
CITY OF HOUSTON E.T.J., HARRIS COUNTY, TEXAS
AUGUST 19, 2025
LJA ENGINEERING, INC.
A. GUIJOSA
AUGUST 19, 2025

BIDDER NAME	BASE BID	ALTERNATE A - OFFSITE HAUL AND IMPORT CLAY PLUS BASE BID
1) LONNIE LISCHKA COMPANY, LP	\$4,179,862.91	\$30,395,207.26
2) ANCHOR EXCAVATORS, INC.	\$4,217,770.04	\$22,719,588.35
3) GONZALEZ CONSTRUCTION ENTERPRISE, INC.	\$4,466,896.66	\$27,634,358.76
4) NORTHTEX CONSTRUCTION, LLC	\$4,940,376.32	\$17,661,371.03
5) DC CONTRACTING SERVICES, LLC	\$5,799,392.00	\$24,823,426.55
6) R CONSTRUCTION CIVIL, LLC	\$6,227,577.55	\$28,020,943.50
7) SONORA CONSTRUCTION	\$6,559,245.00	\$29,440,825.75

1800-10001 (9.2)

CALENDAR DAYS 40/110/120

105

I, Christoper LeBlanc, PE, hereby certify these bid tabulations to be true and correct.



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CONSTRUCTION OF THE DETENTION FACILITIES TO SERVE ELYSON PHASE 4
HARRIS COUNTY MUNICIPAL UTILITY DISTRICT NO. 171
CITY OF HOUSTON E.T.J., HARRIS COUNTY, TEXAS
AUGUST 19, 2025
LIA ENGINEERING, INC.
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2) ANCHOR EXCAVATORS, INC.

3) GONZALEZ CONSTRUCTION ENTERPRISE,

4) NORTHTEX CONSTRUCTION, LLC

1800-10001 (9.2)

1) LONNIE LISCHKA COMPANY, LP

				,	, ,		IN	С.		
NO. ITEM DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL	UNIT COST	TOTAL	UNIT COST	TOTAL	UNIT COST	TOTAL
BASE BID ELYSON PHASE 4 DETENTION ITEMS 1. EXCAVATION OF MATERIAL, INCLUDES STRIPPING, STOCKPILING AND REAL APPLICATION OF STRIPPINGS, COMPLETE IN PLACE	E- CY	817531	\$1.00	\$817,531.00	\$1.70	\$1,389,802.70	\$1.08	\$882,933.48	\$1.06	\$866,582.86
2. HAUL EXCAVATED MATERIAL TO DESIGNATED DISPOSAL SITE, USING OF ROAD TRUCKS, (0 - 0.5 MILE), INCLUDES STRIPPING, STOCKPILING STRIPPINGS, PLACEMENT AND COMPACTION TO 95% STANDARD PROCTOR DENSITY, WITH MAXIMUM 8" LIFTS, AND RE-APPLICATION OF STRIPPINGS TO FINAL GRADED AREA, COMPLETE IN PLACE		817531	\$1.95	\$1,594,185.45	\$1.00	\$817,531.00	\$1.42	\$1,160,894.02	\$1.91	\$1,561,484.21
3. EXCAVATION AND GRADING OF DRAINAGE SWALE, SIDE SLOPE VARIES BOTTOM, (ALL DEPTHS), INCLUDES HAULING OF SPOIL MATERIAL, STRIPPING, STOCKPILING STRIPPINGS, PLACEMENT AND COMPACTION TO 95% STANDARD PROCTOR DENSITY, WITH MAXIMUM 8" LIFTS, AND RE-APPLICATION OF STRIPPINGS, COMPLETE IN PLACE	V- LF	20786	\$2.00	\$41,572.00	\$1.57	\$32,634.02	\$3.00	\$62,358.00	\$3.47	\$72,127.42
4. 30" RCP STORM SEWER, ASTM C-76, CLASS III, INCLUDES BEDDING AND BACKFILL, ALL DEPTHS, COMPLETE IN PLACE	LF	12	\$130.10	\$1,561.20	\$185.00	\$2,220.00	\$107.95	\$1,295.40	\$210.70	\$2,528.40
5. 42" RCP STORM SEWER, ASTM C-76, CLASS III, INCLUDES BEDDING AND BACKFILL, ALL DEPTHS, COMPLETE IN PLACE	LF	122	\$210.00	\$25,620.00	\$272.00	\$33,184.00	\$185.92	\$22,682.24	\$208.20	\$25,400.40
6. 7' X 5' REINFORCED CONCRETE BOX CULVERT, ASTM C-1433, INCLUDES BEDDING AND BACKFILL, ALL DEPTHS, COMPLETE IN PLACE	LF	521	\$749.00	\$390,229.00	\$921.00	\$479,841.00	\$754.68	\$393,188.28	\$790.70	\$411,954.70
7. 8" BRICK PLUG FOR 30" RCP STORM SEWER, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$250.00	\$250.00	\$427.00	\$427.00	\$250.00	\$250.00	\$331.68	\$331.68
8. REINFORCED CONCRETE TYPE "C" MANHOLE FOR 42" STORM SEWER AN SMALLER, INCLUDES ADJUSTMENTS, ALL DEPTHS, COMPLETE IN PLACE	ID EA	4	\$3,220.00	\$12,880.00	\$5,700.00	\$22,800.00	\$3,018.00	\$12,072.00	\$5,496.94	\$21,987.76
9. BACKSLOPE INTERCEPTOR AND OUTFALL STRUCTURE, INCLUDES 24" RC INTERCEPTOR STRUCTURE, AND SLOPE PROTECTION, COMPLETE IN PLA	-	6	\$7,900.00	\$47,400.00	\$27,376.00	\$164,256.00	\$9,997.82	\$59,986.92	\$24,226.44	\$145,358.64
10. BACKSLOPE SWALE, INCLUDES EXCAVATION, STRIPPING, STOCKPILING STRIPPINGS, PLACEMENT AND COMPACTION TO 95% STANDARD PROCTOR DENSITY, WITH MAXIMUM 8" LIFTS, AND RE-APPLICATION OF STRIPPINGS, COMPLETE IN PLACE	LF	2458	\$2.00	\$4,916.00	\$2.47	\$6,071.26	\$2.00	\$4,916.00	\$3.53	\$8,676.74
11. 4" REINFORCED CONCRETE SLOPE PAVEMENT WITH TOE WALLS ALL AROUND, COMPLETE IN PLACE	SY	383	\$92.00	\$35,236.00	\$107.00	\$40,981.00	\$102.00	\$39,066.00	\$148.75	\$56,971.25
12. 5" REINFORCED CONCRETE SLOPE PAVEMENT WITH TOE WALLS ALL AROUND, INCLUDES WEEP HOLES AND EXPANSION JOINTS, COMPLETE PLACE	SY N	612	\$96.00	\$58,752.00	\$113.27	\$69,321.24	\$108.00	\$66,096.00	\$153.83	\$94,143.96
13. 5" REINFORCED CONCRETE PILOT CHANNEL, COMPLETE IN PLACE	SY	32	\$61.00	\$1,952.00	\$113.27	\$3,624.64	\$120.00	\$3,840.00	\$199.27	\$6,376.64
14. 18" THICK CONCRETE RIP RAP, INCLUDES GEOTEXTILE FABRIC, COMPLETIN PLACE	E SY	323	\$99.00	\$31,977.00	\$117.00	\$37,791.00	\$100.56	\$32,480.88	\$132.14	\$42,681.22
15. REMOVE 2' OF UNSATISFACTORY SOIL AND PLACEMENT AND COMPACTION TO 95% STANDARD PROCTOR DENSITY, WITH MAXIMUM 8" LIFTS, OF 2' CLAY LINER FOR DETENTION POND USING SUITABLE ONSITE MATERIAL, (AS DIRECTED BY ENGINEER, PER GEOTECHNICAL RECOMMENDATION), COMPLETE IN PLACE	SY	93062	\$2.10	\$195,430.20	\$0.01	\$930.62	\$0.84	\$78,172.08	\$0.81	\$75,380.22
16. GROUND WATER CONTROL TO COMPLETE THE CONSTRUCTION OF LAKE CHANNEL, OR POND, INCLUDES CONVENTIONAL VACUUM TYPE WELL POINTS, INTERNAL SUMPS AND PUMPS, OR ANY TYPE OF PUMPING AS NECESSARY TO COMPLETE THE CONSTRUCTION OF THE PROJECT, (AS DIRECTED BY ENGINEER), COMPLETE IN PLACE	E, AC	90	\$1,500.00	\$135,000.00	\$1,500.00	\$135,000.00	\$6,000.00	\$540,000.00	\$1,500.00	\$135,000.00
17. SURFACE PUMPING STORMWATER, 8" PUMP, AS NECESSARY TO CONSTRUCT DETENTION POND, (AS DIRECTED BY ENGINEER), COMPLET IN PLACE	DAY E	60	\$1,000.00	\$60,000.00	\$257.00	\$15,420.00	\$300.00	\$18,000.00	\$989.16	\$59,349.60

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CONSTRUCTION OF THE DETENTION FACILITIES TO SERVE ELYSON PHASE 4
HARRIS COUNTY MUNICIPAL UTILITY DISTRICT NO. 171
CITY OF HOUSTON E.T.J., HARRIS COUNTY, TEXAS
AUGUST 19, 2025
LIA ENGINEERING, INC.
A. GUIJOSA
AUGUST 19, 2025

			1) LONNIE LISCHE	KA COMPANY, LP	2) ANCHOR EX	CAVATORS, INC.	3) GONZALEZ CONSTR	*	4) NORTHTEX CON	STRUCTION, LLC
NO. ITEM DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL	UNIT COST	TOTAL	UNIT COST	TOTAL	UNIT COST	TOTAL
18. INSTALL, MAINTAIN, AND REMOVE ROCK FILTER DAM, TYPE 2, COMPLETE IN PLACE	LF	180	\$20.00	\$3,600.00	\$57.00	\$10,260.00	\$41.40	\$7,452.00	\$54.76	\$9,856.80
19. RETURN DISTURBED SIDE SLOPES TO EXISTING OR BETTER CONDITIONS WITHIN EXISTING ELYSON PHASE 4, COMPLETE IN PLACE	LS	1	\$1,000.00	\$1,000.00	\$5,700.00	\$5,700.00	\$3,120.00	\$3,120.00	\$10,043.38	\$10,043.38
20. REMOVAL AND OFFSITE DISPOSAL OF EXISTING 6' WIDE REINFORCED CONCRETE PILOT CHANNEL, COMPLETE IN PLACE	SF	52	\$0.86	\$44.72	\$9.70	\$504.40	\$72.00	\$3,744.00	\$13.70	\$712.40
21. TRENCH SAFETY, COMPLETE IN PLACE	LF	655	\$0.50	\$327.50	\$1.00	\$655.00	\$1.00	\$655.00	\$0.66	\$432.30
SUBTOTAL BASE BID ELYSON PHASE 4 DETENTION ITEMS			_	\$3,459,464.07	-	\$3,268,954.88	-	\$3,393,202.30	_	\$3,607,380.58
BASE BID ELYSON PHASE 4 CHANNEL ITEMS 1. EXCAVATION OF MATERIAL, INCLUDES STRIPPING, STOCKPILING AND REAPPLICATION OF STRIPPINGS, COMPLETE IN PLACE	СҮ	38416	\$1.00	\$38,416.00	\$1.70	\$65,307.20	\$1.08	\$41,489.28	\$1.14	\$43,794.24
2. HAUL EXCAVATED MATERIAL TO DESIGNATED DISPOSAL SITE, USING OFF ROAD TRUCKS, (0 - 0.5 MILE), INCLUDES STRIPPING, STOCKPILING STRIPPINGS, PLACEMENT AND COMPACTION TO 95% STANDARD PROCTOR DENSITY, WITH MAXIMUM 8" LIFTS, AND RE-APPLICATION OF STRIPPINGS TO FINAL GRADED AREA, COMPLETE IN PLACE	СҮ	38416	\$1.95	\$74,911.20	\$1.00	\$38,416.00	\$1.42	\$54,550.72	\$2.09	\$80,289.44
3. 24" CORRUGATED GALVANIZED METAL PIPE, INCLUDES BEDDING AND BACKFILL, ALL DEPTHS, COMPLETE IN PLACE	LF	152	\$63.20	\$9,606.40	\$152.00	\$23,104.00	\$80.14	\$12,181.28	\$84.29	\$12,812.08
4. REINFORCED CONCRETE TYPE "E" INLET, ALL SIDES OPEN, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$3,525.00	\$3,525.00	\$5,700.00	\$5,700.00	\$2,250.00	\$2,250.00	\$3,661.62	\$3,661.62
 BACKSLOPE INTERCEPTOR AND OUTFALL STRUCTURE, INCLUDES 24" CGMP, INTERCEPTOR STRUCTURE, AND SLOPE PROTECTION, COMPLETE IN PLACE 	EA	12	\$7,900.00	\$94,800.00	\$15,387.00	\$184,644.00	\$8,495.06	\$101,940.72	\$14,653.30	\$175,839.60
6. BACKSLOPE SWALE, INCLUDES EXCAVATION, STRIPPING, STOCKPILING STRIPPINGS, PLACEMENT AND COMPACTION TO 95% STANDARD PROCTOR DENSITY, WITH MAXIMUM 8" LIFTS, AND RE-APPLICATION OF STRIPPINGS, COMPLETE IN PLACE	LF	5056	\$2.00	\$10,112.00	\$2.47	\$12,488.32	\$2.00	\$10,112.00	\$6.61	\$33,420.16
7. DEMUCK AND FILL EXISTING DRAINAGE SWALE, PLACEMENT AND COMPACTION TO 95% STANDARD PROCTOR DENSITY, WITH MAXIMUM 8" LIFTS, COMPLETE IN PLACE	LF	2395	\$1.00	\$2,395.00	\$2.47	\$5,915.65	\$3.54	\$8,478.30	\$8.15	\$19,519.25
8. 4" REINFORCED CONCRETE SLOPE PAVEMENT WITH TOE WALLS ALL AROUND, INCLUDES WEEP HOLES AND EXPANSION JOINTS, COMPLETE IN PLACE	SY	1584	\$91.00	\$144,144.00	\$107.00	\$169,488.00	\$102.00	\$161,568.00	\$162.98	\$258,160.32
9. 5" REINFORCED CONCRETE PILOT CHANNEL, COMPLETE IN PLACE	SY	847	\$94.00	\$79,618.00	\$113.27	\$95,939.69	\$108.00	\$91,476.00	\$78.87	\$66,802.89
10. 18" THICK CONCRETE RIP RAP, INCLUDES GEOTEXTILE FABRIC, COMPLETE IN PLACE	SY	72	\$99.00	\$7,128.00	\$107.00	\$7,704.00	\$103.06	\$7,420.32	\$142.73	\$10,276.56
11. INSTALL, MAINTAIN, AND REMOVE ROCK FILTER DAM, TYPE 2, COMPLETE IN PLACE	LF	31	\$20.00	\$620.00	\$57.00	\$1,767.00	\$67.14	\$2,081.34	\$140.95	\$4,369.45
12. REMOVAL AND OFFSITE DISPOSAL OF EXISTING BACKSLOPE INTERCEPTOR STRUCTURE, TO INCLUDING CGMP AND SLOPE PAVING, COMPLETE IN PLACE	EA	9	\$350.00	\$3,150.00	\$775.00	\$6,975.00	\$570.00	\$5,130.00	\$810.49	\$7,294.41
13. REMOVAL AND OFFSITE DISPOSAL OF EXISTING 6' WIDE REINFORCED CONCRETE PILOT CHANNEL, COMPLETE IN PLACE	SF	1094	\$0.86	\$940.84	\$8.70	\$9,517.80	\$13.20	\$14,440.80	\$2.95	\$3,227.30
14. TRENCH SAFETY, COMPLETE IN PLACE	LF	152	\$0.50	\$76.00	\$1.00	\$152.00	\$1.00	\$152.00	\$0.66	\$100.32
SUBTOTAL BASE BID ELYSON PHASE 4 CHANNEL ITEMS			_	\$469,442.44	_	\$627,118.66	_	\$513,270.76		\$719,567.64

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CONSTRUCTION OF THE DETENTION FACILITIES TO SERVE ELYSON PHASE 4
HARRIS COUNTY MUNICIPAL UTILITY DISTRICT NO. 171
CITY OF HOUSTON E.T.J., HARRIS COUNTY, TEXAS
AUGUST 19, 2025
LIA ENGINEERING, INC.
A. GUIJOSA
AUGUST 19, 2025

				1) LONNIE LISCH	IKA COMPANY, LP	2) ANCHOR EX	2) ANCHOR EXCAVATORS, INC.		RUCTION ENTERPRISE,	4) NORTHTEX CO	NSTRUCTION, LLC
NO.	ITEM DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL	UNIT COST	TOTAL	UNIT COST	TOTAL	UNIT COST	TOTAL
1. LIGH AND	CELLANEOUS ITEMS IT CLEARING AND GRUBBING/MOWING, INCLUDES ROOT RAKING, OFFSITE DISPOSAL OF CLEARED AND GRUBBED MATERIAL, (AS ECTED BY ENGINEER), COMPLETE IN PLACE	AC	176	\$225.00	\$39,600.00	\$1,250.00	\$220,000.00	\$1,370.00	\$241,120.00	\$2,240.14	\$394,264.64
OFF	VY CLEARING AND GRUBBING, INCLUDES ROOT RAKING, AND SITE DISPOSAL OF CLEARED AND GRUBBED MATERIAL, (AS DIRECTED NGINEER), COMPLETE IN PLACE	AC	6	\$15,000.00	\$90,000.00	\$6,475.00	\$38,850.00	\$8,500.00	\$51,000.00	\$8,318.79	\$49,912.74
ACH	ADCAST SEEDING, INCLUDES FERTILIZING AND WATERING, TO IEVE 90% HOMOGENEOUS GRASS COVERAGE, (AS DIRECTED BY INEER), COMPLETE IN PLACE	AC	150	\$100.00	\$15,000.00	\$100.00	\$15,000.00	\$850.00	\$127,500.00	\$100.00	\$15,000.00
ACH	ROMULCH SEEDING AND FINE GRADING, INCLUDES WATERING, TO IEVE 90% HOMOGENEOUS GRASS COVERAGE, (AS DIRECTED BY INEER), COMPLETE IN PLACE	AC	19	\$3,500.00	\$66,500.00	\$500.00	\$9,500.00	\$2,300.00	\$43,700.00	\$500.00	\$9,500.00
	BILIZED CONSTRUCTION EXIT, INCLUDING INSTALLATION, NTENANCE AND REMOVAL, COMPLETE IN PLACE	EA	1	\$3,500.00	\$3,500.00	\$2,000.00	\$2,000.00	\$2,000.00	\$2,000.00	\$4,926.26	\$4,926.26
DEP	RA COST OF WET SAND CONSTRUCTION UNDER MANHOLE, ALL THS (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), IPLETE IN PLACE	EA	1	\$50.00	\$50.00	\$50.00	\$50.00	\$50.00	\$50.00	\$50.00	\$50.00
SIZE	RA COST OF STORM SEWER WET SAND CONSTRUCTION, ALL LINE S AND DEPTHS (TO BE USED ONLY AT THE DIRECTION OF THE INEER), COMPLETE IN PLACE	LF	100	\$5.00	\$500.00	\$5.00	\$500.00	\$5.00	\$500.00	\$5.00	\$500.00
	RA CEMENT STABILIZED SAND BACKFILL (2.5 SACKS PER TON) (TO BE DONLY AT THE WRITING DIRECTION OF THE ENGINEER), COMPLETE LACE	CY	10	\$15.00	\$150.00	\$15.00	\$150.00	\$15.00	\$150.00	\$15.00	\$150.00
	RA BURLAP BAG BARRIER ON INLET (TO BE USED ONLY AT THE ECTION OF THE ENGINEER), COMPLETE IN PLACE	EA	1	\$20.00	\$20.00	\$10.00	\$10.00	\$10.00	\$10.00	\$10.00	\$10.00
10. EXTF	RA SILT FENCE INLET PROTECTION BARRIER, COMPLETE IN PLACE	EA	1	\$100.00	\$100.00	\$50.00	\$50.00	\$50.00	\$50.00	\$50.00	\$50.00
	RA FILTER FABRIC FENCE (TO BE USED ONLY AT THE DIRECTION OF ENGINEER), COMPLETE IN PLACE	LF	100	\$2.50	\$250.00	\$1.00	\$100.00	\$1.00	\$100.00	\$1.00	\$100.00
	RA REINFORCED FILTER FABRIC FENCE (TO BE USED ONLY AT THE ECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	100	\$3.00	\$300.00	\$1.00	\$100.00	\$1.00	\$100.00	\$1.00	\$100.00
SITE COM REAI	ITY SPOILS, FROM STORM SEWER CONSTRUCTION, TO BE USED ON- WITHIN ELYSON PHASE 4, STRIPPING, STOCKPILING OF STRIPPINGS, MPACTION TO 95% STANDARD PROCTOR DENSITY, AND PPLICATION OF STRIPPINGS IN ACCORDANCE WITH THE STRUCTION PLANS, COMPLETE IN PLACE	LS	1	\$2,000.00	\$2,000.00	\$5,000.00	\$5,000.00	\$3,000.00	\$3,000.00	\$3,656.65	\$3,656.65
	T CONTROL, CONTRACTOR TO ENSURE DUST FROM CONSTRUCTION VITIES DOES NOT AFFECT ADJACENT PROPERTIES, COMPLETE IN CE	LS	1	\$10,000.00	\$10,000.00	\$700.00	\$700.00	\$6,000.00	\$6,000.00	\$86,507.14	\$86,507.14
AREA CON PRO	UILT SURVEY OF FINAL LOT GRADING, BERMS, SWALES, AND FILL AS, AND FLOWLINES OF 7'X5' CULVERTS, 42" OUTFALL, AND CRETE WEIR, INCLUDES AN EXHIBIT CERTIFIED BY A REGISTERED FESSIONAL LAND SURVEYOR IN THE STATE OF TEXAS, AS WELL AS AN OCAD FILE OF SURVEY, COMPLETE IN PLACE	LS	1	\$18,500.00	\$18,500.00	\$18,700.00	\$18,700.00	\$75,000.00	\$75,000.00	\$41,696.49	\$41,696.49
	OVAL AND OFFSITE DISPOSAL OF EXISTING ASPHALT TURNAROUND HE END OF ELYSON SQUARE WAY, COMPLETE IN PLACE	SY	694	\$5.60	\$3,886.40	\$14.75	\$10,236.50	\$14.40	\$9,993.60	\$9.53	\$6,613.82
	OVAL AND OFFSITE DISPOSAL OF EXISTING TYPE 3 BARRICADES, TO SED ONLY AT THE DIRECTION OF THE ENGINEER, COMPLETE IN PLACE	EA	3	\$200.00	\$600.00	\$250.00	\$750.00	\$50.00	\$150.00	\$130.12	\$390.36
SUBTOTAL BA	ASE BID MISCELLANEOUS ITEMS			-	\$250,956.40	_	\$321,696.50	-	\$560,423.60	_	\$613,428.10

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A. GUIJOSA
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				1) LONNIE LISCH	HKA COMPANY, LP	2) ANCHOR EX	CAVATORS, INC.		RUCTION ENTERPRISE,	4) NORTHTEX COI	NSTRUCTION, LLC
NO.	ITEM DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL	UNIT COST	TOTAL	UNIT COST	TOTAL	UNIT COST	TOTAL
1.	ATE A - OFFSITE HAUL AND IMPORT CLAY DETENTION ITEMS HAUL AND DISPOSE OF EXCAVATED MATERIAL, OUTSIDE THE DEVELOPMENT IN A LEGAL MANNER, INCLUDES ALL PERMIT AND DISPOSAL FEES, TO BE USED IN LIEU OF ELYSON PHASE 4 DETENTION ITEM NO. 2, COMPLETE IN PLACE	СҮ	855947	\$30.00	\$25,678,410.00	\$19.77	\$16,922,072.19	\$24.60	\$21,056,296.20	\$16.36	\$14,003,292.92
	REMOVE 2' OF UNSATISFACTORY SOIL AND PLACEMENT AND COMPACTION TO 95% STANDARD PROCTOR DENSITY, WITH MAXIMUM 8" LIFTS, OF 2' CLAY LINER FOR DETENTION POND USING SUITABLE IMPORTED MATERIAL, (AS DIRECTED BY ENGINEER, PER GEOTECHNICAL RECOMMENDATION), TO BE USED IN LIEU OF OF ELYSON PHASE 4 DETENTION ITEM NO. 15, COMPLETE IN PLACE	SY	93062	\$25.00	\$2,326,550.00	\$25.77	\$2,398,207.74	\$36.00	\$3,350,232.00	\$3.81	\$354,566.22
SUBTOTA	AL ALTERNATE A - OFFSITE HAUL AND IMPORT CLAY DETENTION ITEMS			•	\$28,004,960.00	-	\$19,320,279.93		\$24,406,528.20		\$14,357,859.14
BID SUM	IMARY										
BASE BID	ELYSON PHASE 4 DETENTION ITEMS				\$3,459,464.07		\$3,268,954.88		\$3,393,202.30		\$3,607,380.58
BASE BID	ELYSON PHASE 4 CHANNEL ITEMS				\$469,442.44		\$627,118.66		\$513,270.76		\$719,567.64
BASE BID) MISCELLANEOUS ITEMS				\$250,956.40		\$321,696.50		\$560,423.60		\$613,428.10
TOTAL A	MOUNT BASE BID				\$4,179,862.91		\$4,217,770.04		\$4,466,896.66		\$4,940,376.32
ALTERNA	ATE A - OFFSITE HAUL AND IMPORT CLAY										
TOTAL AI	MOUNT BASE BID				\$4,179,862.91		\$4,217,770.04		\$4,466,896.66		\$4,940,376.32
DEDUCT	ELYSON PHASE 4 DETENTION ITEMS ITEM NO. 2				-\$1,594,185.45		-\$817,531.00		-\$1,160,894.02		-\$1,561,484.21
DEDUCT	ELYSON PHASE 4 DETENTION ITEMS ITEM NO. 15				-\$195,430.20		-\$930.62		-\$78,172.08		-\$75,380.22
DETENTIO	ON ITEMS				\$28,004,960.00		\$19,320,279.93		\$24,406,528.20		\$14,357,859.14
TOTAL A	LTERNATE A - OFFSITE HAUL AND IMPORT CLAY PLUS BASE BID				\$30,395,207.26		\$22,719,588.35		\$27,634,358.76		\$17,661,371.03

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A. GUIJOSA
AUGUST 19, 2025

				5) DC CONTRACTING SERVICES, LLC		6) R CONSTRUC	CTION CIVIL, LLC	7) SONORA CONSTRUCTION	
NO.	ITEM DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL	UNIT COST	TOTAL	UNIT COST	TOTAL
	BID ELYSON PHASE 4 DETENTION ITEMS 1. EXCAVATION OF MATERIAL, INCLUDES STRIPPING, STOCKPILING AND RE- APPLICATION OF STRIPPINGS, COMPLETE IN PLACE	СҮ	817531	\$1.35	\$1,103,666.85	\$2.05	\$1,675,938.55	\$2.25	\$1,839,444.75
	2. HAUL EXCAVATED MATERIAL TO DESIGNATED DISPOSAL SITE, USING OFF ROAD TRUCKS, (0 - 0.5 MILE), INCLUDES STRIPPING, STOCKPILING STRIPPINGS, PLACEMENT AND COMPACTION TO 95% STANDARD PROCTOR DENSITY, WITH MAXIMUM 8" LIFTS, AND RE-APPLICATION OF STRIPPINGS TO FINAL GRADED AREA, COMPLETE IN PLACE	CY	817531	\$2.45	\$2,002,950.95	\$2.05	\$1,675,938.55	\$2.75	\$2,248,210.25
	3. EXCAVATION AND GRADING OF DRAINAGE SWALE, SIDE SLOPE VARIES - V-BOTTOM, (ALL DEPTHS), INCLUDES HAULING OF SPOIL MATERIAL, STRIPPING, STOCKPILING STRIPPINGS, PLACEMENT AND COMPACTION TO 95% STANDARD PROCTOR DENSITY, WITH MAXIMUM 8" LIFTS, AND RE-APPLICATION OF STRIPPINGS, COMPLETE IN PLACE	LF	20786	\$2.00	\$41,572.00	\$2.75	\$57,161.50	\$4.00	\$83,144.00
	4. 30" RCP STORM SEWER, ASTM C-76, CLASS III, INCLUDES BEDDING AND BACKFILL, ALL DEPTHS, COMPLETE IN PLACE	LF	12	\$175.00	\$2,100.00	\$210.00	\$2,520.00	\$275.00	\$3,300.00
	5. 42" RCP STORM SEWER, ASTM C-76, CLASS III, INCLUDES BEDDING AND BACKFILL, ALL DEPTHS, COMPLETE IN PLACE	LF	122	\$255.00	\$31,110.00	\$220.00	\$26,840.00	\$250.00	\$30,500.00
	6. 7' X 5' REINFORCED CONCRETE BOX CULVERT, ASTM C-1433, INCLUDES BEDDING AND BACKFILL, ALL DEPTHS, COMPLETE IN PLACE	LF	521	\$800.00	\$416,800.00	\$782.00	\$407,422.00	\$800.00	\$416,800.00
	7. 8" BRICK PLUG FOR 30" RCP STORM SEWER, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$500.00	\$500.00	\$625.00	\$625.00	\$1,296.00	\$1,296.00
	8. REINFORCED CONCRETE TYPE "C" MANHOLE FOR 42" STORM SEWER AND SMALLER, INCLUDES ADJUSTMENTS, ALL DEPTHS, COMPLETE IN PLACE	EA	4	\$6,000.00	\$24,000.00	\$2,900.00	\$11,600.00	\$5,616.00	\$22,464.00
	9. BACKSLOPE INTERCEPTOR AND OUTFALL STRUCTURE, INCLUDES 24" RCP, INTERCEPTOR STRUCTURE, AND SLOPE PROTECTION, COMPLETE IN PLACE	EA	6	\$15,250.00	\$91,500.00	\$12,300.00	\$73,800.00	\$16,416.00	\$98,496.00
1	O. BACKSLOPE SWALE, INCLUDES EXCAVATION, STRIPPING, STOCKPILING STRIPPINGS, PLACEMENT AND COMPACTION TO 95% STANDARD PROCTOR DENSITY, WITH MAXIMUM 8" LIFTS, AND RE-APPLICATION OF STRIPPINGS, COMPLETE IN PLACE	LF	2458	\$2.00	\$4,916.00	\$2.75	\$6,759.50	\$4.00	\$9,832.00
1	4" REINFORCED CONCRETE SLOPE PAVEMENT WITH TOE WALLS ALL AROUND, COMPLETE IN PLACE	SY	383	\$125.00	\$47,875.00	\$115.00	\$44,045.00	\$128.00	\$49,024.00
1	2. 5" REINFORCED CONCRETE SLOPE PAVEMENT WITH TOE WALLS ALL AROUND, INCLUDES WEEP HOLES AND EXPANSION JOINTS, COMPLETE IN PLACE	SY	612	\$100.00	\$61,200.00	\$120.00	\$73,440.00	\$101.00	\$61,812.00
1	3. 5" REINFORCED CONCRETE PILOT CHANNEL, COMPLETE IN PLACE	SY	32	\$132.00	\$4,224.00	\$220.00	\$7,040.00	\$135.00	\$4,320.00
1	4. 18" THICK CONCRETE RIP RAP, INCLUDES GEOTEXTILE FABRIC, COMPLETE IN PLACE	SY	323	\$112.00	\$36,176.00	\$130.00	\$41,990.00	\$114.00	\$36,822.00
1	5. REMOVE 2' OF UNSATISFACTORY SOIL AND PLACEMENT AND COMPACTION TO 95% STANDARD PROCTOR DENSITY, WITH MAXIMUM 8" LIFTS, OF 2' CLAY LINER FOR DETENTION POND USING SUITABLE ONSITE MATERIAL, (AS DIRECTED BY ENGINEER, PER GEOTECHNICAL RECOMMENDATION), COMPLETE IN PLACE	SY	93062	\$2.00	\$186,124.00	\$2.75	\$255,920.50	\$2.50	\$232,655.00
1	6. GROUND WATER CONTROL TO COMPLETE THE CONSTRUCTION OF LAKE, CHANNEL, OR POND, INCLUDES CONVENTIONAL VACUUM TYPE WELL POINTS, INTERNAL SUMPS AND PUMPS, OR ANY TYPE OF PUMPING AS NECESSARY TO COMPLETE THE CONSTRUCTION OF THE PROJECT, (AS DIRECTED BY ENGINEER), COMPLETE IN PLACE	AC	90	\$6,800.00	\$612,000.00	\$1,500.00	\$135,000.00	\$1,500.00	\$135,000.00
1	7. SURFACE PUMPING STORMWATER, 8" PUMP, AS NECESSARY TO CONSTRUCT DETENTION POND, (AS DIRECTED BY ENGINEER), COMPLETE IN PLACE	DAY	60	\$260.00	\$15,600.00	\$1,800.00	\$108,000.00	\$500.00	\$30,000.00

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

CONSTRUCTION OF THE DETENTION FACILITIES TO SERVE ELYSON PHASE 4
HARRIS COUNTY MUNICIPAL UTILITY DISTRICT NO. 171
CITY OF HOUSTON E.T.J., HARRIS COUNTY, TEXAS
AUGUST 19, 2025
LIA ENGINEERING, INC.
A. GUIJOSA
AUGUST 19, 2025

15 PRILING DETUNENTS SER SIGNEST TO ENTITING OR RETTRE COMMITTIONS 15 1 152,000.00 52,000.00 58,000.00 58,000.00 59,000.					5) DC CONTRACTING SERVICES, LLC		6) R CONSTRUCTION CIVIL, LLC		7) SONORA CONSTRUCTION	
18 INFAIL—MONTHYM AND REMOVE (DOC FIELD DAM, FYE J, COMPLETE UP 190 \$75.00 \$11,0000 \$11,000 \$21,000 \$90.00 \$15,000 \$15,000 \$10	NO	ITEM DESCRIPTION	LINIT	OTY	LINIT COST	ΤΟΤΔΙ	LINIT COST	ΤΟΤΔΙ	LINIT COST	ΤΟΤΔΙ
19. RETURN METURALC SIDES SOPES TO CRISTING OR SETTER CONDITIONS 12. 1		8. INSTALL, MAINTAIN, AND REMOVE ROCK FILTER DAM, TYPE 2, COMPLETE								\$16,200.00
CONTINETER PILOT CHANNEL COMPLETE IN PLACE UF 655 \$2.00 \$3.100 \$5.00	1	9. RETURN DISTURBED SIDE SLOPES TO EXISTING OR BETTER CONDITIONS	LS	1	\$2,800.80	\$2,800.80	\$8,000.00	\$8,000.00	\$9,000.00	\$9,000.00
Substitution Section Prince Compared	2		SF	52	\$10.00	\$520.00	\$21.00	\$1,092.00	\$60.00	\$3,120.00
EASE BID ELYSON PHASE 4 CHANNEL ITEMS 1. IX.ACMATTON OF MATERIAL, INCLUDES STRIPPING, STOCKPILING AND RE-	2	1. TRENCH SAFETY, COMPLETE IN PLACE	LF	655	\$2.00	\$1,310.00	\$1.00	\$655.00	\$3.00	\$1,965.00
1. EXCAVATION OF MATERIAL, INCLUDES STRIPPING, STOCKPULNING AND RE- APPLICATION OF STRIPPING, COMPRETE IN PLACE 2. HALL EXCAVATED MATERIAL TO DESIGNATED DISPOSAL STELLURING OFF CY 38116 \$1.50 \$1.34.456.00 \$2.10 \$80.671.00 \$2.75 \$105,844 MADD TRUCKS, B) 0. SMITE, INCLUDES STRIPPING, STOCKPULNING PROTECTION DESIGNATION OF STRIPPING, STOCKPULNING PROTECTION OF STRIPPING, COMPRETE IN PLACE PROTECTION OF STRI	SUBTO	OTAL BASE BID ELYSON PHASE 4 DETENTION ITEMS				\$4,700,445.60	_	\$4,615,947.60		\$5,333,405.00
ROAD TRUCKS, [0. 0.5 MILE, INCLUDES STRIPPINS, STOCKPUING STRIPPINS, PLACEMENT AND COMPACTION TO 95% STANDARD PROCTOR DENSITY, WITH MAXIMUM 8° LIPTS, AND RE APPLICATION OF STRIPPINS, COMPACTE THE PRACE 3. 24° CORRUCATTO GALVANUTO MYTH I PRI ACT 4. REINFORCED CONCRETE THE "E" INLET, ALL SIDES OPEN, ALL DEPTHS, COMPACTE IN PLACE 5. BACKSLOP INTERCEPTOR AND OUT FALL SIDES OPEN, ALL DEPTHS, EA 1 \$4,000.00 \$41,000.00 \$2,400.00 \$2,400.00 \$2,400.00 \$3,400.		1. EXCAVATION OF MATERIAL, INCLUDES STRIPPING, STOCKPILING AND RE-	CY	38416	\$1.15	\$44,178.40	\$2.10	\$80,673.60	\$2.25	\$86,436.00
BACKFILL ALL DEPTHS, COMPLETE IN PLACE 4. REINFORCED CONCRETE TYPE "E" INLET, ALL SIDES OPEN, ALL DEPTHS, EA 1 \$4,000 00 \$4,000.00 \$2,400.00 \$2,400.00 \$4,860.00 \$4,8		ROAD TRUCKS, (0 - 0.5 MILE), INCLUDES STRIPPING, STOCKPILING STRIPPINGS, PLACEMENT AND COMPACTION TO 95% STANDARD PROCTOR DENSITY, WITH MAXIMUM 8" LIFTS, AND RE-APPLICATION OF	СҮ	38416	\$3.50	\$134,456.00	\$2.10	\$80,673.60	\$2.75	\$105,644.00
S. BACKSLOPE INTERCEPTOR AND OUTFALL STRUCTURE, INCLUDES 24" G. BACKSLOPE INTERCEPTOR STRUCTURE, AND SLOPE PROTECTION, COMPLETE IN PLACE 6. BACKSLOPE SWALE, INCLUDES EXCAVATION, STRIPPINS, STOCKPILING FROCTOR DENSITY, WITH MAXIMUM 8" LIFTS, AND RE APPLICATION OF STRIPPINSS, PLACEMENT AND COMPACTION TO 95% STANDARD PROCTOR DENSITY, WITH MAXIMUM 8" LIFTS, AND RE APPLICATION OF STRIPPINSS, COMPLETE IN PLACE 7. DEMUCK AND FILL EXISTING DRAINAGE SWALE, PLACEMENT AND COMPACTION TO 95% STANDARD PROCTOR DENSITY, WITH MAXIMUM 8" LIFTS, COMPLETE IN PLACE 8. 4" REINFORCED CONCRETE SLOPE PAVEMENT WITH TOE WALLS ALL AROUND, INCLUDES WEEP HOLES AND EXPANSION JOINTS, COMPLETE IN PLACE 9. 5" REINFORCED CONCRETE SLOPE PAVEMENT WITH TOE WALLS ALL AROUND, INCLUDES WEEP HOLES AND EXPANSION JOINTS, COMPLETE IN PLACE 9. 5" REINFORCED CONCRETE PILOT CHANNEL, COMPLETE IN PLACE 5V 847 S132.00 S111,804.00 S120.00 S101,640.00 S135.00 S114,305 10. 18" THICK CONCRETE RIP RAP, INCLUDES GEOTEXTILE FABRIC, COMPLETE 5V 72 S112.00 S8,064.00 S130.00 S9,360.00 S114.00 S8,208 IN PLACE 11. INSTALL, MAINTAIN AND REMOVE ROCK FILTER DAM, TYPE 2, COMPLETE 12. REMOVAL AND OFFSITE DISPOSAL OF EXISTING BACKSLOPE INTERCEPTOR 18 9 S1,600.00 S14,400.00 S12,000 S13,500.00 S3,000.00 S27,000 STRUCTURE, TO INCLUDING CGMP AND SLOPE PAVING, COMPLETE IN PLACE 12. REMOVAL AND OFFSITE DISPOSAL OF EXISTING BACKSLOPE INTERCEPTOR 18 1094 S3.00 S3,282.00 S2.00 S2.00 S2.188.00 S12.00 S3.00 19 13,128 10 REMOVAL AND OFFSITE DISPOSAL OF EXISTING BACKSLOPE INTERCEPTOR 18 1094 S3.00 S3,282.00 S2.00 S2.188.00 S12.00 S3.00 19 13,128 10 REMOVAL AND OFFSITE DISPOSAL OF EXISTING BACKSLOPE INTERCEPTOR 29 STRUCTURE, TO INCLUDING CGMP AND SLOPE PAVING, COMPLETE IN PLACE 11. REMOVAL AND OFFSITE DISPOSAL OF EXISTING BACKSLOPE INTERCEPTOR 29 S18,000 S12,000 S13,000 S		·	LF	152	\$103.00	\$15,656.00	\$86.00	\$13,072.00	\$141.00	\$21,432.00
COMP. INTERCEPTOR STRUCTURE, AND SLOPE PROTECTION, COMPLETE IN PLACE 6. BLACKSLOPE SWALE, INCLUDES EXCAVATION, STRIPPING, STOCKPILING 5. STRIPPINGS, PLACEMENT AND COMPACTION TO 95% STANDARD PROCTOR DENSITY, WITH MAXIMUM 8" LIFTS, AND RE-APPLICATION OF STRIPPINGS, COMPLETE IN PLACE 7. DEMUCK AND FILL EXISTING DRAININGE SWALE, PLACEMENT AND COMPACTION TO 95% STANDARD PROCTOR DENSITY, WITH MAXIMUM 8" LIFTS, COMPLETE IN PLACE 8. 4" REINFORCED CONCRETE SLOPE PAVEMENT WITH TOE WALLS ALL AROUND, INCLUDES WEEP HOLES AND EXPANSION JOINTS, COMPLETE IN PLACE 9. 5" REINFORCED CONCRETE PLOT CHANNEL, COMPLETE IN PLACE 5Y 72 5112.00 58.064.00 5113,804.00 512.00 510,164.00 5135.00 5114.00 58.208 IN PLACE 11. INSTALL, MAINTAIN, AND REMOVE ROCK FILTER DAM, TYPE 2, COMPLETE IN PLACE 12. REMOVAL AND OFFSITE DISPOSAL OF EXISTING BACKSLOPE INTERCEPTOR STRUCTURE, TO INCLUDING CGMP AND SLOPE PAVING, COMPLETE IN PLACE 13. REMOVAL AND OFFSITE DISPOSAL OF EXISTING BACKSLOPE INTERCEPTOR STRUCTURE, TO INCLUDING CGMP AND SLOPE PAVING, COMPLETE IN PLACE 14. TRENCH SAFETY, COMPLETE IN PLACE 15. REMOVAL AND OFFSITE DISPOSAL OF EXISTING BACKSLOPE INTERCEPTOR STRUCTURE, TO INCLUDING CGMP AND SLOPE PAVING, COMPLETE IN PLACE 16. 152 52.00 5304.00 51.00 51.00 51.00 51.00 51.00 53.00 54.50 54.60 54.60 54.60 55.00 55.20 5			EA	1	\$4,000.00	\$4,000.00	\$2,400.00	\$2,400.00	\$4,860.00	\$4,860.00
STRIPPINGS, PLACEMENT AND COMPACTION TO 95% STANDARD PROCTOR DENSITY, WITH MAXIMUM 8" LIFTS, AND RE-APPLICATION OF STRIPPINGS, COMPLETE IN PLACE 7. DEMUCK AND FILL EXISTING DRAINAGE SWALE, PLACEMENT AND COMPACTION TO 95% STANDARD PROCTOR DENSITY, WITH MAXIMUM 8" LIFTS, COMPLETE IN PLACE 8. 4" REINFORCED CONCRETE SLOPE PAVEMENT WITH TOE WALLS ALL AROUND, INCLUDES WEEP HOLES AND EXPANSION JOINTS, COMPLETE IN PLACE 9. 5" REINFORCED CONCRETE PILOT CHANNEL, COMPLETE IN PLACE 5Y 847 5132.00 \$111,804.00 \$120.00 \$101,640.00 \$135.00 \$114,345 10. 18" THICK CONCRETE RIP RAP, INCLUDES GEOTEXTILE FABRIC, COMPLETE 5Y 72 \$112.00 \$8,064.00 \$130.00 \$9,360.00 \$114.00 \$8,208 IN PLACE 11. INSTALL, MAINTAIN, AND REMOVE ROCK FILTER DAM, TYPE 2, COMPLETE IN PLACE 12. REMOVAL AND OFFSITE DISPOSAL OF EXISTING BACKSLOPE INTERCEPTOR PLACE 13. REMOVAL AND OFFSITE DISPOSAL OF EXISTING BACKSLOPE INTERCEPTOR PLACE 14. TRENCH SAFETY, COMPLETE IN PLACE 15. REMOVAL AND OFFSITE DISPOSAL OF EXISTING BACKSLOPE INTERCEPTOR PLACE 16. THE PLACE 17. REMOVAL AND OFFSITE DISPOSAL OF EXISTING BACKSLOPE INTERCEPTOR PLACE 18. REMOVAL AND OFFSITE DISPOSAL OF EXISTING BACKSLOPE INTERCEPTOR PLACE 19. TRENCH SAFETY, COMPLETE IN PLACE 19. TRENCH SAFETY COMPLETE IN P		CGMP, INTERCEPTOR STRUCTURE, AND SLOPE PROTECTION, COMPLETE	EA	12	\$15,250.00	\$183,000.00	\$9,750.00	\$117,000.00	\$16,416.00	\$196,992.00
COMPACTION TO 95% STANDARD PROCTOR DENSITY, WITH MAXIMUM 8" LIFTS, COMPLETE IN PLACE 8. 4" REINFORCED CONCRETE SLOPE PAVEMENT WITH TOE WALLS ALL AROUND, INCLUDES WEEP HOLES AND EXPANSION JOINTS, COMPLETE IN PLACE 9. 5" REINFORCED CONCRETE PILOT CHANNEL, COMPLETE IN PLACE 9. 5" REINFORCED CONCRETE PILOT CHANNEL, COMPLETE IN PLACE 5Y 847 \$132.00 \$111,804.00 \$120.00 \$101,640.00 \$135.00 \$114.345 10. 18" THICK CONCRETE RIP RAP, INCLUDES GEOTEXTILE FABRIC, COMPLETE SY 72 \$112.00 \$8,064.00 \$130.00 \$9,360.00 \$114.00 \$8,208 IN PLACE 11. INSTALL, MAINTAIN, AND REMOVE ROCK FILTER DAM, TYPE 2, COMPLETE LF 31 \$75.00 \$2,325.00 \$75.00 \$2,325.00 \$90.00 \$2,790 IN PLACE 12. REMOVAL AND OFFSITE DISPOSAL OF EXISTING BACKSLOPE INTERCEPTOR STRUCTURE, TO INCLUDING CGMP AND SLOPE PAVING, COMPLETE IN PLACE 13. REMOVAL AND OFFSITE DISPOSAL OF EXISTING 6' WIDE REINFORCED SF 1094 \$3.00 \$3,282.00 \$2.00 \$2,188.00 \$12.00 \$13,128 CONCRETE PILOT CHANNEL, COMPLETE IN PLACE LF 152 \$2.00 \$304.00 \$1.00 \$1.00 \$1.50.00 \$3.00 \$456		STRIPPINGS, PLACEMENT AND COMPACTION TO 95% STANDARD PROCTOR DENSITY, WITH MAXIMUM 8" LIFTS, AND RE-APPLICATION OF	LF	5056	\$2.00	\$10,112.00	\$2.75	\$13,904.00	\$4.00	\$20,224.00
AROUND, INCLUDES WEEP HOLES AND EXPANSION JOINTS, COMPLETE IN PLACE 9. 5" REINFORCED CONCRETE PILOT CHANNEL, COMPLETE IN PLACE 5Y 847 \$132.00 \$111,804.00 \$120.00 \$101,640.00 \$135.00 \$114,345 10. 18" THICK CONCRETE RIP RAP, INCLUDES GEOTEXTILE FABRIC, COMPLETE 5Y 72 \$112.00 \$8,064.00 \$130.00 \$9,360.00 \$114.00 \$8,208 IN PLACE 11. INSTALL, MAINTAIN, AND REMOVE ROCK FILTER DAM, TYPE 2, COMPLETE LF 31 \$75.00 \$2,325.00 \$75.00 \$2,325.00 \$90.00 \$2,790 IN PLACE 12. REMOVAL AND OFFSITE DISPOSAL OF EXISTING BACKSLOPE INTERCEPTOR EA 9 \$1,600.00 \$14,400.00 \$13,500.00 \$13,500.00 \$3,000.00 \$27,000 STRUCTURE, TO INCLUDING CGMP AND SLOPE PAVING, COMPLETE IN PLACE 13. REMOVAL AND OFFSITE DISPOSAL OF EXISTING 6' WIDE REINFORCED CONCRETE PILOT CHANNEL, COMPLETE IN PLACE LF 152 \$2.00 \$304.00 \$100 \$120.00 \$120.00 \$130.00 \$135.00 \$114.345		COMPACTION TO 95% STANDARD PROCTOR DENSITY, WITH MAXIMUM	LF	2395	\$3.00	\$7,185.00	\$4.25	\$10,178.75	\$6.00	\$14,370.00
10. 18" THICK CONCRETE RIP RAP, INCLUDES GEOTEXTILE FABRIC, COMPLETE SY 72 \$112.00 \$8,064.00 \$130.00 \$9,360.00 \$114.00 \$8,208 IN PLACE 11. INSTALL, MAINTAIN, AND REMOVE ROCK FILTER DAM, TYPE 2, COMPLETE LF 31 \$75.00 \$2,325.00 \$75.00 \$2,325.00 \$90.00 \$2,790 IN PLACE 12. REMOVAL AND OFFSITE DISPOSAL OF EXISTING BACKSLOPE INTERCEPTOR EA 9 \$1,600.00 \$14,400.00 \$1,500.00 \$13,500.00 \$3,000.00 \$27,000 STRUCTURE, TO INCLUDING CGMP AND SLOPE PAVING, COMPLETE IN PLACE 13. REMOVAL AND OFFSITE DISPOSAL OF EXISTING 6' WIDE REINFORCED SF 1094 \$3.00 \$3,282.00 \$2.00 \$2,188.00 \$12.00 \$13,128 CONCRETE PILOT CHANNEL, COMPLETE IN PLACE 14. TRENCH SAFETY, COMPLETE IN PLACE LF 152 \$2.00 \$304.00 \$1.00 \$152.00 \$3.00 \$456		AROUND, INCLUDES WEEP HOLES AND EXPANSION JOINTS, COMPLETE IN	SY	1584	\$97.00	\$153,648.00	\$115.00	\$182,160.00	\$98.00	\$155,232.00
IN PLACE 11. INSTALL, MAINTAIN, AND REMOVE ROCK FILTER DAM, TYPE 2, COMPLETE LF 31 \$75.00 \$2,325.00 \$75.00 \$2,325.00 \$90.00 \$2,790 IN PLACE 12. REMOVAL AND OFFSITE DISPOSAL OF EXISTING BACKSLOPE INTERCEPTOR EA 9 \$1,600.00 \$14,400.00 \$1,500.00 \$13,500.00 \$3,000.00 \$27,000 STRUCTURE, TO INCLUDING CGMP AND SLOPE PAVING, COMPLETE IN PLACE 13. REMOVAL AND OFFSITE DISPOSAL OF EXISTING 6' WIDE REINFORCED SF 1094 \$3.00 \$3,282.00 \$2.00 \$2,188.00 \$12.00 \$13,128 CONCRETE PILOT CHANNEL, COMPLETE IN PLACE 14. TRENCH SAFETY, COMPLETE IN PLACE LF 152 \$2.00 \$304.00 \$1.00 \$152.00 \$3.00 \$456		9. 5" REINFORCED CONCRETE PILOT CHANNEL, COMPLETE IN PLACE	SY	847	\$132.00	\$111,804.00	\$120.00	\$101,640.00	\$135.00	\$114,345.00
12. REMOVAL AND OFFSITE DISPOSAL OF EXISTING BACKSLOPE INTERCEPTOR EA 9 \$1,600.00 \$14,400.00 \$1,500.00 \$13,500.00 \$3,000.00 \$27,000 STRUCTURE, TO INCLUDING CGMP AND SLOPE PAVING, COMPLETE IN PLACE 13. REMOVAL AND OFFSITE DISPOSAL OF EXISTING 6' WIDE REINFORCED SF 1094 \$3.00 \$3,282.00 \$2.00 \$2,188.00 \$12.00 \$13,128 CONCRETE PILOT CHANNEL, COMPLETE IN PLACE 14. TRENCH SAFETY, COMPLETE IN PLACE LF 152 \$2.00 \$304.00 \$1.00 \$152.00 \$3.00 \$3.00 \$456	1		SY	72	\$112.00	\$8,064.00	\$130.00	\$9,360.00	\$114.00	\$8,208.00
STRUCTURE, TO INCLUDING CGMP AND SLOPE PAVING, COMPLETE IN PLACE 13. REMOVAL AND OFFSITE DISPOSAL OF EXISTING 6' WIDE REINFORCED SF 1094 \$3.00 \$3,282.00 \$2.00 \$2,188.00 \$12.00 \$13,128 CONCRETE PILOT CHANNEL, COMPLETE IN PLACE 14. TRENCH SAFETY, COMPLETE IN PLACE LF 152 \$2.00 \$304.00 \$1.00 \$152.00 \$3.00 \$456	1		LF	31	\$75.00	\$2,325.00	\$75.00	\$2,325.00	\$90.00	\$2,790.00
CONCRETE PILOT CHANNEL, COMPLETE IN PLACE 14. TRENCH SAFETY, COMPLETE IN PLACE LF 152 \$2.00 \$304.00 \$1.00 \$152.00 \$3.00 \$456	1	STRUCTURE, TO INCLUDING CGMP AND SLOPE PAVING, COMPLETE IN	EA	9	\$1,600.00	\$14,400.00	\$1,500.00	\$13,500.00	\$3,000.00	\$27,000.00
	1		SF	1094	\$3.00	\$3,282.00	\$2.00	\$2,188.00	\$12.00	\$13,128.00
SUBTOTAL BASE BID ELYSON PHASE 4 CHANNEL ITEMS \$692,414.40 \$629,226.95 \$771,117	1	4. TRENCH SAFETY, COMPLETE IN PLACE	LF	152	\$2.00	\$304.00	\$1.00	\$152.00	\$3.00	\$456.00
	SUBTO	OTAL BASE BID ELYSON PHASE 4 CHANNEL ITEMS			_	\$692,414.40	_	\$629,226.95	_	\$771,117.00

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

CONSTRUCTION OF THE DETENTION FACILITIES TO SERVE ELYSON PHASE 4
HARRIS COUNTY MUNICIPAL UTILITY DISTRICT NO. 171
CITY OF HOUSTON E.T.J., HARRIS COUNTY, TEXAS
AUGUST 19, 2025
LIA ENGINEERING, INC.
A. GUIJOSA
AUGUST 19, 2025

5) DC CONTRACTING SERVICES, LLC 6) R CONSTRUCTION CIVIL, LLC

7) SONORA CONSTRUCTION

			5) DC CONTRACT	ING SERVICES, LLC	6) R CONSTRUC	CTION CIVIL, LLC	7) SONORA CO	NSTRUCTION
NO. ITEM DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL	UNIT COST	TOTAL	UNIT COST	TOTAL
BASE BID MISCELLANEOUS ITEMS 1. LIGHT CLEARING AND GRUBBING/MOWING, INCLUDES ROOT RAKE AND OFFSITE DISPOSAL OF CLEARED AND GRUBBED MATERIAL, (AS DIRECTED BY ENGINEER), COMPLETE IN PLACE		176	\$1,500.00	\$264,000.00	\$5,000.00	\$880,000.00	\$1,500.00	\$264,000.00
 HEAVY CLEARING AND GRUBBING, INCLUDES ROOT RAKING, AND OFFSITE DISPOSAL OF CLEARED AND GRUBBED MATERIAL, (AS DIRI BY ENGINEER), COMPLETE IN PLACE 	AC ECTED	6	\$10,590.00	\$63,540.00	\$6,300.00	\$37,800.00	\$9,000.00	\$54,000.00
 BROADCAST SEEDING, INCLUDES FERTILIZING AND WATERING, TO ACHIEVE 90% HOMOGENEOUS GRASS COVERAGE, (AS DIRECTED B ENGINEER), COMPLETE IN PLACE 		150	\$100.00	\$15,000.00	\$100.00	\$15,000.00	\$100.00	\$15,000.00
 HYDROMULCH SEEDING AND FINE GRADING, INCLUDES WATERING ACHIEVE 90% HOMOGENEOUS GRASS COVERAGE, (AS DIRECTED B ENGINEER), COMPLETE IN PLACE 		19	\$500.00	\$9,500.00	\$500.00	\$9,500.00	\$2,000.00	\$38,000.00
5. STABILIZED CONSTRUCTION EXIT, INCLUDING INSTALLATION, MAINTENANCE AND REMOVAL, COMPLETE IN PLACE	EA	1	\$3,300.00	\$3,300.00	\$1,500.00	\$1,500.00	\$2,700.00	\$2,700.00
EXTRA COST OF WET SAND CONSTRUCTION UNDER MANHOLE, ALI DEPTHS (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	_ EA	1	\$50.00	\$50.00	\$50.00	\$50.00	\$75.00	\$75.00
 EXTRA COST OF STORM SEWER WET SAND CONSTRUCTION, ALL LII SIZES AND DEPTHS (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE 	NE LF	100	\$5.00	\$500.00	\$5.00	\$500.00	\$6.00	\$600.00
 EXTRA CEMENT STABILIZED SAND BACKFILL (2.5 SACKS PER TON) (USED ONLY AT THE WRITING DIRECTION OF THE ENGINEER), COMF IN PLACE 		10	\$15.00	\$150.00	\$15.00	\$150.00	\$50.00	\$500.00
9. EXTRA BURLAP BAG BARRIER ON INLET (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	EA	1	\$10.00	\$10.00	\$10.00	\$10.00	\$50.00	\$50.00
10. EXTRA SILT FENCE INLET PROTECTION BARRIER, COMPLETE IN PLACE	CE EA	1	\$50.00	\$50.00	\$50.00	\$50.00	\$100.00	\$100.00
11. EXTRA FILTER FABRIC FENCE (TO BE USED ONLY AT THE DIRECTION THE ENGINEER), COMPLETE IN PLACE	OF LF	100	\$1.00	\$100.00	\$1.00	\$100.00	\$2.00	\$200.00
12. EXTRA REINFORCED FILTER FABRIC FENCE (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	IE LF	100	\$1.00	\$100.00	\$1.00	\$100.00	\$2.00	\$200.00
13. UTILITY SPOILS, FROM STORM SEWER CONSTRUCTION, TO BE USED SITE WITHIN ELYSON PHASE 4, STRIPPING, STOCKPILING OF STRIPPING COMPACTION TO 95% STANDARD PROCTOR DENSITY, AND REAPPLICATION OF STRIPPINGS IN ACCORDANCE WITH THE CONSTRUCTION PLANS, COMPLETE IN PLACE		1	\$7,500.00	\$7,500.00	\$5,200.00	\$5,200.00	\$15,000.00	\$15,000.00
14. DUST CONTROL, CONTRACTOR TO ENSURE DUST FROM CONSTRUCT ACTIVITIES DOES NOT AFFECT ADJACENT PROPERTIES, COMPLETE I PLACE		1	\$16,500.00	\$16,500.00	\$15,000.00	\$15,000.00	\$20,000.00	\$20,000.00
15. AS BUILT SURVEY OF FINAL LOT GRADING, BERMS, SWALES, AND F AREAS, AND FLOWLINES OF 7'X5' CULVERTS, 42" OUTFALL, AND CONCRETE WEIR, INCLUDES AN EXHIBIT CERTIFIED BY A REGISTERE PROFESSIONAL LAND SURVEYOR IN THE STATE OF TEXAS, AS WELL AUTOCAD FILE OF SURVEY, COMPLETE IN PLACE	D	1	\$22,500.00	\$22,500.00	\$10,500.00	\$10,500.00	\$25,000.00	\$25,000.00
16. REMOVAL AND OFFSITE DISPOSAL OF EXISTING ASPHALT TURNARD AT THE END OF ELYSON SQUARE WAY, COMPLETE IN PLACE	DUND SY	694	\$3.00	\$2,082.00	\$10.00	\$6,940.00	\$17.00	\$11,798.00
17. REMOVAL AND OFFSITE DISPOSAL OF EXISTING TYPE 3 BARRICADE BE USED ONLY AT THE DIRECTION OF THE ENGINEER, COMPLETE IN	•	3	\$550.00	\$1,650.00	\$1.00	\$3.00	\$2,500.00	\$7,500.00
SUBTOTAL BASE BID MISCELLANEOUS ITEMS			-	\$406,532.00	_	\$982,403.00	_	\$454,723.00

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

CONSTRUCTION OF THE DETENTION FACILITIES TO SERVE ELYSON PHASE 4
HARRIS COUNTY MUNICIPAL UTILITY DISTRICT NO. 171
CITY OF HOUSTON E.T.J., HARRIS COUNTY, TEXAS
AUGUST 19, 2025
LIA ENGINEERING, INC.
A. GUIJOSA
AUGUST 19, 2025

				5) DC CONTRAC	TING SERVICES, LLC	6) R CONSTRU	JCTION CIVIL, LLC	7) SONORA C	ONSTRUCTION
NO.	ITEM DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL	UNIT COST	TOTAL	UNIT COST	TOTAL
1.	ATE A - OFFSITE HAUL AND IMPORT CLAY DETENTION ITEMS HAUL AND DISPOSE OF EXCAVATED MATERIAL, OUTSIDE THE DEVELOPMENT IN A LEGAL MANNER, INCLUDES ALL PERMIT AND DISPOSAL FEES, TO BE USED IN LIEU OF ELYSON PHASE 4 DETENTION ITEM NO. 2, COMPLETE IN PLACE	СҮ	855947	\$22.50	\$19,258,807.50	\$25.00	\$21,398,675.00	\$28.00	\$23,966,516.00
	REMOVE 2' OF UNSATISFACTORY SOIL AND PLACEMENT AND COMPACTION TO 95% STANDARD PROCTOR DENSITY, WITH MAXIMUM 8" LIFTS, OF 2' CLAY LINER FOR DETENTION POND USING SUITABLE IMPORTED MATERIAL, (AS DIRECTED BY ENGINEER, PER GEOTECHNICAL RECOMMENDATION), TO BE USED IN LIEU OF OF ELYSON PHASE 4 DETENTION ITEM NO. 15, COMPLETE IN PLACE	SY	93062	\$21.00	\$1,954,302.00	\$25.00	\$2,326,550.00	\$15.00	\$1,395,930.00
SUBTOTA	AL ALTERNATE A - OFFSITE HAUL AND IMPORT CLAY DETENTION ITEMS				\$21,213,109.50		\$23,725,225.00		\$25,362,446.00
BID SUM	IMARY								
BASE BID	ELYSON PHASE 4 DETENTION ITEMS				\$4,700,445.60		\$4,615,947.60		\$5,333,405.00
BASE BID	ELYSON PHASE 4 CHANNEL ITEMS				\$692,414.40		\$629,226.95		\$771,117.00
BASE BID	MISCELLANEOUS ITEMS				\$406,532.00		\$982,403.00		\$454,723.00
TOTAL A	MOUNT BASE BID				\$5,799,392.00		\$6,227,577.55		\$6,559,245.00
ALTERNA	ATE A - OFFSITE HAUL AND IMPORT CLAY								
TOTAL AI	MOUNT BASE BID				\$5,799,392.00		\$6,227,577.55		\$6,559,245.00
DEDUCT	ELYSON PHASE 4 DETENTION ITEMS ITEM NO. 2				-\$2,002,950.95		-\$1,675,938.55		-\$2,248,210.25
DEDUCT	ELYSON PHASE 4 DETENTION ITEMS ITEM NO. 15				-\$186,124.00		-\$255,920.50		-\$232,655.00
DETENTIO	ON ITEMS				\$21,213,109.50		\$23,725,225.00		\$25,362,446.00
TOTAL A	LTERNATE A - OFFSITE HAUL AND IMPORT CLAY PLUS BASE BID				\$24,823,426.55		\$28,020,943.50		\$29,440,825.75