

BID TABULATION FOR:

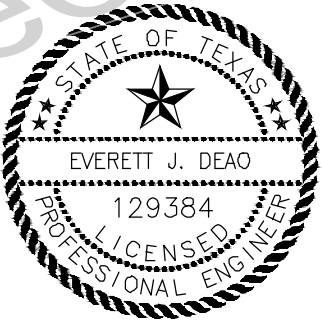
BID OPENING DATE:
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LJA JOB NO.

CONSTRUCTION OF WATER, SANITARY SEWER, DRAINAGE, AND DETENTION FACILITIES
AND PAVING AND APPURTENANCES TO SERVE GARDEN TRAILS
HARRIS COUNTY MUNICIPAL UTILITY DISTRICT NO. 120
CITY OF HOUSTON E.T.J., HARRIS COUNTY, TEXAS
FEBRUARY 16, 2024
LJA ENGINEERING, INC.
A. OTTO
FEBRUARY 16, 2024
2663-4101 (9.2)

BIDDER'S NAME	TOTAL AMOUNT BID	BID INCLUDING GARDEN TRAILS ALTERNATE BID ITEMS
1) HURTADO CONSTRUCTION COMPANY	\$968,182.66	\$968,182.66
2) CE BARKER LTD.	\$1,014,970.27	\$1,023,250.27
3) PRINCIPAL SERVICES, LTD	\$1,022,446.20	\$1,022,446.20
4) PRECISE SERVICES INC.	\$1,169,202.05	\$1,166,212.05

CALENDAR DAYS 60/70

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



2/16/2024

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				1) HURTADO CONSTRUCTION COMPANY		2) CE BARKER LTD.		3) PRINCIPAL SERVICES, LTD	
ITEM	DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
GARDEN TRAILS CLEARING AND GRUBBING ITEMS									
1	HEAVY CLEARING AND GRUBBING, AND ROOT RAKING, COMPLETE IN PLACE	AC	0.46	\$28,000.00	\$12,880.00	\$22,000.00	\$10,120.00	\$10,000.00	\$4,600.00
2	LIGHT CLEARING AND MOWING FOR REMAINDER OF THE TRACT NOT CONTAINING HEAVILY WOODED AREAS, COMPLETE IN PLACE	AC	5.03	\$1,000.00	\$5,030.00	\$3,500.00	\$17,605.00	\$500.00	\$2,515.00
3	MISCELLANEOUS DEBRIS REMOVAL, TO INCLUDE FENCE, TRASH, OR OTHER RANDOM ARTIFACTS FOUND ON THE PROPERTY WITH A 20 CY CONTAINER, TO BE USED AT THE DIRECTION OF THE ENGINEER, COMPLETE IN PLACE	LOAD	1	\$800.00	\$800.00	\$2,500.00	\$2,500.00	\$1,500.00	\$1,500.00
4	OFFSITE DISPOSAL OF CLEARED AND GRUBBED MATERIAL, COMPLETE IN PLACE	AC	0.46	\$8,000.00	\$3,680.00	\$25,000.00	\$11,500.00	\$1,000.00	\$460.00
GARDEN TRAILS CLEARING AND GRUBBING ITEMS SUBTOTAL:					\$22,390.00		\$41,725.00		\$9,075.00
GARDEN TRAILS WATER ITEMS									
1	8" PVC WATER PIPE, AWWA C-900, DR 18, CLASS 235, INCLUDES ALL FITTINGS AND VALVES, INCLUDES BEDDING, BACKFILL AND FITTINGS, ALL DEPTHS, COMPLETE IN PLACE	LF	1233	\$44.00	\$54,252.00	\$42.00	\$51,786.00	\$46.00	\$56,718.00
2	FLUSHING VALVE UNIT, ALL DEPTHS, INCLUDES APPROPRIATE TEE, 6" GATE VALVE & BOX, LEAD AND FLUSHING VALVE, COMPLETE IN PLACE	EA	3	\$5,800.00	\$17,400.00	\$5,500.00	\$16,500.00	\$6,944.00	\$20,832.00
3	8" PLUG & CLAMP WITH 2" BLOW-OFF VALVE, COMPLETE IN PLACE	EA	4	\$1,148.00	\$4,592.00	\$1,550.00	\$6,200.00	\$1,830.00	\$7,320.00
4	8" AWWA GATE VALVE AND BOX, TO INCLUDE ANY ADJUSTMENTS AS NECESSARY, COMPLETE IN PLACE	EA	11	\$1,658.00	\$18,238.00	\$2,100.00	\$23,100.00	\$1,998.00	\$21,978.00
5	8"x12" TAPPING SLEEVE AND VALVE & BOX, COMPLETE IN PLACE	EA	1	\$6,000.00	\$6,000.00	\$5,000.00	\$5,000.00	\$6,367.00	\$6,367.00
6	8" COMPOUND FIRE & DOMESTIC WATER METER & VAULT, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	EA	1	\$44,000.00	\$44,000.00	\$30,000.00	\$30,000.00	\$10,000.00	\$10,000.00
7	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	1271	\$0.08	\$101.68	\$0.01	\$12.71	\$0.10	\$127.10
8	8" REDUCED PRESSURE BACKFLOW PREVENTER, COMPLETE IN PLACE	EA	1	\$18,000.00	\$18,000.00	\$10,750.00	\$10,750.00	\$8,000.00	\$8,000.00
9	8" RESTRAINED JOINT PVC WATER PIPE, AWWA C-900, DR 14, CLASS 305, INCLUDES ALL FITTINGS AND VALVES, INCLUDES BEDDING AND BACKFILL, ALL DEPTHS, COMPLETE IN PLACE	LF	38	\$98.00	\$3,724.00	\$50.00	\$1,900.00	\$64.00	\$2,432.00
10	EXTRA WATER LINE FITTINGS, COMPLETE IN PLACE	TON	2	\$1,000.00	\$2,000.00	\$1,000.00	\$2,000.00	\$1,000.00	\$2,000.00
11	ADJUST EXISTING GATE VALVE TO FINISHED GRADE AS REQUIRED, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	EA	1	\$80.00	\$80.00	\$150.00	\$150.00	\$500.00	\$500.00
GARDEN TRAILS WATER ITEMS SUBTOTAL:					\$168,387.68		\$147,398.71		\$136,274.10
GARDEN TRAILS SANITARY SEWER ITEMS									
1	"SHORT SIDE" DOUBLE OR SINGLE 6" PVC PIPE SERVICE LEADS, ASTM D-2241, SDR 26, (ALL DEPTHS), INCLUDING CEMENT STABILIZED SAND BACKFILL, RISER, WYE, PLUG, MARKER, STACK, DROP STRUCTURES AND ANY NECESSARY FITTINGS, ETC., COMPLETE IN PLACE	EA	17	\$1,458.00	\$24,786.00	\$1,675.00	\$28,475.00	\$1,868.00	\$31,756.00
2	"FAR SIDE" DOUBLE OR SINGLE 6" PVC PIPE SERVICE LEADS, ASTM D-2241, SDR 26, (ALL DEPTHS), INCLUDING CEMENT STABILIZED SAND BACKFILL, RISER, WYE, PLUG, MARKER, STACK, DROP STRUCTURES AND ANY NECESSARY FITTINGS, ETC., COMPLETE IN PLACE	EA	4	\$4,132.70	\$16,530.80	\$3,200.00	\$12,800.00	\$3,083.00	\$12,332.00
3	8" PVC SEWER PIPE, ASTM D-3034, SDR 26, 0 - 8 FOOT CUT, WITH STANDARD BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	793	\$52.00	\$41,236.00	\$61.00	\$48,373.00	\$77.00	\$61,061.00

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AND PAVING AND APPURTENANCES TO SERVE GARDEN TRAILS
HARRIS COUNTY MUNICIPAL UTILITY DISTRICT NO. 120
CITY OF HOUSTON E.T.J., HARRIS COUNTY, TEXAS
FEBRUARY 16, 2024
LJA ENGINEERING, INC.
A. OTTO
FEBRUARY 16, 2024
2663-4101 (9.2)

ITEM	DESCRIPTION	UNIT	QTY	1) HURTADO CONSTRUCTION COMPANY		2) CE BARKER LTD.		3) PRINCIPAL SERVICES, LTD	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
4	8" PVC SEWER PIPE, ASTM D-3034, SDR 26, 8 - 12 FOOT CUT, WITH STANDARD BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	321	\$55.00	\$17,655.00	\$65.00	\$20,865.00	\$77.00	\$24,717.00
5	STANDARD SANITARY SEWER MANHOLE (0' - 8' DEPTH), COMPLETE IN PLACE	EA	11	\$2,800.00	\$30,800.00	\$2,900.00	\$31,900.00	\$6,706.00	\$73,766.00
6	EXTRA DEPTH ON SANITARY SEWER MANHOLE (OVER 8' DEPTH), COMPLETE IN PLACE	VF	15	\$138.00	\$2,070.00	\$300.00	\$4,500.00	\$226.00	\$3,390.00
7	CONNECT PROPOSED 8" SANITARY SEWER TO EXISTING SANITARY SEWER MANHOLE, INCLUDES CORING OF MANHOLE, SEALING, ADJUSTMENTS, TEMPORARY PLUGS, ALL OTHER APPURTENANCES AND BYPASS PUMPING AS NECESSARY, COMPLETE IN PLACE	EA	1	\$1,800.00	\$1,800.00	\$3,600.00	\$3,600.00	\$429.00	\$429.00
8	CONNECT PROPOSED SANITARY SEWER MANHOLE TO EXISTING 10" SANITARY SEWER, INCLUDES SEALING, ADJUSTMENTS, TEMPORARY PLUGS, CUTTING OF EXISTING 10" SANITARY SEWER PIPE AS NECESSARY TO CONNECT EXISTING SANITARY SEWER PIPE TO THE PROPOSED SANITARY SEWER MANHOLE, ALL OTHER APPURTENANCES AND BYPASS PUMPING AS NECESSARY, COMPLETE IN PLACE	EA	2	\$1,800.00	\$3,600.00	\$1,400.00	\$2,800.00	\$1,000.00	\$2,000.00
9	SANITARY SEWER DROP STRUCTURE, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$800.00	\$800.00	\$1,100.00	\$1,100.00	\$1,135.00	\$1,135.00
10	ADDITIONAL COST FOR WATER AND SANITARY CROSSINGS, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$3,000.00	\$3,000.00	\$3,250.00	\$3,250.00	\$1,000.00	\$1,000.00
11	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	1288	\$0.08	\$103.04	\$0.01	\$12.88	\$0.10	\$128.80
12	EXTRA COST OF SANITARY SEWER WET SAND CONSTRUCTION, ALL LINE SIZES, ALL DEPTHS, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	258	\$15.00	\$3,870.00	\$15.00	\$3,870.00	\$15.00	\$3,870.00
13	DEWATERING FOR SANITARY SEWER, ALL LINE SIZES, ALL DEPTHS, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	258	\$25.00	\$6,450.00	\$25.00	\$6,450.00	\$25.00	\$6,450.00
14	ADJUST EXISTING MANHOLE RIM ELEVATION TO BE 3" ABOVE FINISHED GRADE, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	EA	1	\$280.00	\$280.00	\$400.00	\$400.00	\$500.00	\$500.00
GARDEN TRAILS SANITARY SEWER ITEMS SUBTOTAL:					\$152,980.84		\$168,395.88		\$222,534.80
GARDEN TRAILS STORM SEWER ITEMS									
1	24" RCP STORM SEWER, ASTM C-76, CLASS III, INCLUDES BEDDING AND BACKFILL, ALL DEPTHS, COMPLETE IN PLACE	LF	729	\$108.00	\$78,732.00	\$105.00	\$76,545.00	\$105.00	\$76,545.00
2	30" RCP STORM SEWER, ASTM C-76, CLASS III, INCLUDES BEDDING AND BACKFILL, ALL DEPTHS, COMPLETE IN PLACE	LF	92	\$128.00	\$11,776.00	\$135.00	\$12,420.00	\$164.00	\$15,088.00
3	TYPE "A" INLET, ALL DEPTHS, INCLUDES TRAFFIC RATED GRATE TOP, AND ANY ADJUSTMENTS NECESSARY FOR PAVEMENT CONSTRUCTION, COMPLETE IN PLACE	EA	7	\$3,188.00	\$22,316.00	\$2,100.00	\$14,700.00	\$3,582.00	\$25,074.00
4	TYPE "C" MANHOLE FOR 42" STORM SEWER AND SMALLER WITH A REINFORCED CONCRETE TYPE "E" INLET TOP, ALL SIDES OPEN, INCLUDES FINAL ADJUSTMENTS, COMPLETE IN PLACE	EA	1	\$4,000.00	\$4,000.00	\$3,900.00	\$3,900.00	\$3,447.00	\$3,447.00
5	REMOVE AND DISPOSE OF EXISTING 8" BRICK PLUG AND CONNECT PROPOSED 30" RCP TO EXISTING 30" RCP, INCLUDES TEMPORARY PLUGS, PUMPING AS NECESSARY, COMPLETE IN PLACE	EA	1	\$8.00	\$8.00	\$1,250.00	\$1,250.00	\$370.00	\$370.00
6	TRENCH SAFETY SYSTEM, ALL DEPTHS, ALL SIZES, COMPLETE IN PLACE	LF	818	\$1.00	\$818.00	\$0.01	\$8.18	\$0.10	\$81.80

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ITEM	DESCRIPTION	UNIT	QTY	1) HURTADO CONSTRUCTION COMPANY		2) CE BARKER LTD.		3) PRINCIPAL SERVICES, LTD	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
7	EXTRA COST OF STORM SEWER WET SAND CONSTRUCTION, ALL LINE SIZES, ALL DEPTHS (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	165	\$15.00	\$2,475.00	\$15.00	\$2,475.00	\$15.00	\$2,475.00
8	DEWATERING FOR STORM SEWER, ALL LINE SIZES, ALL DEPTHS (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	165	\$25.00	\$4,125.00	\$25.00	\$4,125.00	\$25.00	\$4,125.00
9	ADJUST EXISTING MANHOLE RIM ELEVATION TO BE 3" ABOVE FINISHED GRADE, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	EA	1	\$280.00	\$280.00	\$400.00	\$400.00	\$200.00	\$200.00
GARDEN TRAILS STORM SEWER ITEMS SUBTOTAL:					\$124,530.00		\$115,823.18		\$127,405.80
MISCELLANEOUS ITEMS									
1	STABILIZED CONSTRUCTION EXIT, INCLUDING INSTALLATION, MAINTENANCE AND REMOVAL, COMPLETE IN PLACE	EA	1	\$1,500.00	\$1,500.00	\$2,300.00	\$2,300.00	\$1,000.00	\$1,000.00
2	UTILITY SPOILS (ESTIMATED QUANTITY OF 1,045 CUBIC YARDS), TO BE USED ON-SITE, STRIPPING, STOCK PILING OF STRIPPINGS, COMPACTION TO 95% STANDARD PROCTOR DENSITY, AND REAPPLICATION OF STRIPPINGS IN ACCORDANCE WITH THE CONSTRUCTION PLANS, COMPLETE IN PLACE	LS	1	\$2,800.00	\$2,800.00	\$4,800.00	\$4,800.00	\$3,000.00	\$3,000.00
3	STORMWATER POLLUTION INSPECTION REPORTS CONDUCTED ON A WEEKLY BASIS ACCORDING TO TCEQ PERMIT, COMPLETE IN PLACE	LS	1	\$800.00	\$800.00	\$1,500.00	\$1,500.00	\$500.00	\$500.00
4	AS-BUILT SURVEY, TO INCLUDE FRONT OF LOT, BACK OF LOT, HIGH BANK OF POND EVERY 50 FEET, TOE OF POND EVERY 50 FEET, FLOWLINE OF THE POND PILOT CHANNEL AT BOTH OUTFALLS AND EVERY 20 FEET, COMPLETE IN PLACE	LS	1	\$4,000.00	\$4,000.00	\$3,200.00	\$3,200.00	\$1,000.00	\$1,000.00
5	INSTALLATION, MAINTENANCE AND REMOVAL OF CONCRETE TRUCK WASHOUT, COMPLETE IN PLACE	EA	1	\$800.00	\$800.00	\$850.00	\$850.00	\$100.00	\$100.00
6	STAGE II INLET PROTECTION BARRIERS, COMPLETE IN PLACE	EA	8	\$1.00	\$8.00	\$80.00	\$640.00	\$50.00	\$400.00
7	4" PVC SLEEVE, SCHEDULE 40 (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	65	\$28.00	\$1,820.00	\$26.00	\$1,690.00	\$30.00	\$1,950.00
8	6" PVC SLEEVE, SCHEDULE 40 (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	65	\$32.88	\$2,137.20	\$32.00	\$2,080.00	\$40.00	\$2,600.00
9	HYDROMULCH SEEDING FROM BACK OF CURB TO BUILDING LINE INCLUDES WATERING (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	AC	0.95	\$1,200.00	\$1,140.00	\$1,200.00	\$1,140.00	\$1,200.00	\$1,140.00
10	INSTALL AND MAINTAIN FILTER FABRIC FENCE (TO BE USED AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	2159	\$1.00	\$2,159.00	\$1.00	\$2,159.00	\$1.00	\$2,159.00
11	INSTALL AND MAINTAIN REINFORCED FILTER FABRIC FENCE (TO BE USED AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	2684	\$1.25	\$3,355.00	\$1.25	\$3,355.00	\$1.25	\$3,355.00
12	BROADCAST SEEDING, INCLUDING FERTILIZING AND WATERING, (TO BE USED AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	AC	2.3	\$600.00	\$1,380.00	\$600.00	\$1,380.00	\$600.00	\$1,380.00
MISCELLANEOUS ITEMS SUBTOTAL:					\$21,899.20		\$25,094.00		\$18,584.00
GARDEN TRAILS PAVING IMPROVEMENT ITEMS									
1	FINAL LOT AND RESERVE GRADING (42 LOTS, 13 RESERVES), INCLUDING STRIPPING AND PROOFROLLING, HAULING, PLACEMENT AND COMPACTION OF EXCESS EXCAVATED MATERIALS, AND REPLACEMENT OF STRIPPINGS, COMPLETE IN PLACE	LS	1	\$12,000.00	\$12,000.00	\$13,500.00	\$13,500.00	\$16,270.00	\$16,270.00
2	6" REINFORCED CONCRETE PAVEMENT, COMPLETE IN PLACE	SY	4237	\$57.18	\$242,271.66	\$51.00	\$216,087.00	\$62.00	\$262,694.00

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3	7" REINFORCED CONCRETE PAVEMENT, COMPLETE IN PLACE	SY	162	\$71.00	\$11,502.00	\$56.00	\$9,072.00	\$72.00	\$11,664.00
4	6" REINFORCED CONCRETE CURB, COMPLETE IN PLACE	LF	1046	\$4.28	\$4,476.88	\$4.00	\$4,184.00	\$3.50	\$3,661.00
5	4"X12" REINFORCED CONCRETE CURB, COMPLETE IN PLACE	LF	1660	\$4.28	\$7,104.80	\$4.00	\$6,640.00	\$3.50	\$5,810.00
6	6" LIME-FLY ASH STABILIZED SUB-GRADE (MANIPULATION), COMPLETE IN PLACE	SY	4525	\$3.28	\$14,842.00	\$3.50	\$15,837.50	\$6.00	\$27,150.00
7	8" LIME-FLY ASH STABILIZED SUB-GRADE (MANIPULATION), COMPLETE IN PLACE	SY	192	\$11.00	\$2,112.00	\$3.50	\$672.00	\$8.00	\$1,536.00
8	2% HYDRATED LIME FOR STABILIZED SUB-GRADE (50 LBS./SY BY WEIGHT) AS REQUIRED BY SOIL CONDITIONS AND APPROVED BY GEOTECHNICAL ENGINEER, COMPLETE IN PLACE	TON	118	\$348.00	\$41,064.00	\$360.00	\$42,480.00	\$330.00	\$38,940.00
9	8% FLY ASH FOR STABILIZED SUB-GRADE, (37 LBS./SY BY WEIGHT) AS REQUIRED BY SOIL CONDITIONS AND APPROVED BY GEOTECHNICAL ENGINEER, COMPLETE IN PLACE	TON	88	\$165.00	\$14,520.00	\$190.00	\$16,720.00	\$125.00	\$11,000.00
10	DOUBLE REFLECTORIZED BLUE FIRE HYDRANT BUTTONS, COMPLETE IN PLACE	EA	3	\$18.00	\$54.00	\$17.00	\$51.00	\$10.00	\$30.00
11	PERMANENT TRAFFIC CONTROL DEVICES (INCLUDING ALL TRAFFIC BUTTONS, PAVEMENT STRIPING, DIRECTIONAL ARROWS, STREET SIGNS, TRAFFIC SIGNS, STOP BARS, CROSS WALKS, AND TRAFFIC WARNING SIGNS PER CONSTRUCTION PLANS, COMPLETE IN PLACE	LS	1	\$6,588.00	\$6,588.00	\$7,200.00	\$7,200.00	\$5,000.00	\$5,000.00
12	WHEELCHAIR RAMPS PER CONSTRUCTION PLANS, COMPLETE IN PLACE	EA	8	\$1,288.00	\$10,304.00	\$1,800.00	\$14,400.00	\$1,689.00	\$13,512.00
13	CONNECTION OF PROPOSED 7" CONCRETE PAVEMENT TO EXISTING 7" CONCRETE PAVEMENT OF BRANCH FOREST DRIVE, TO INCLUDE 2" SAW CUT, REMOVAL AND DISPOSAL OF EXISTING CONCRETE, COMPLETE IN PLACE	EA	1	\$1,800.00	\$1,800.00	\$3,800.00	\$3,800.00	\$1,500.00	\$1,500.00
14	CONNECTION OF PROPOSED 7" CONCRETE PAVEMENT TO EXISTING 7" CONCRETE PAVEMENT SUMMIT VALLEY DRIVE, TO INCLUDE 2" SAW CUT, REMOVAL AND DISPOSAL OF EXISTING CONCRETE, COMPLETE IN PLACE	EA	1	\$1,800.00	\$1,800.00	\$3,800.00	\$3,800.00	\$1,500.00	\$1,500.00
15	TEMPORARY TRAFFIC CONTROL DEVICES AS NEEDED FOR THE DURATION OF THE PROJECT, (FLAGGERS, CONES, ETC.), INCLUDES INSTALLATION, MAINTENANCE, AND REMOVAL, COMPLETE IN PLACE	LS	1	\$7,800.00	\$7,800.00	\$8,200.00	\$8,200.00	\$3,500.00	\$3,500.00
GARDEN TRAILS PAVING IMPROVEMENT ITEMS SUBTOTAL:					\$378,239.34		\$362,643.50		\$403,767.00
DETENTION POND ITEMS									
1	STORAGE EXCAVATION, HAULING, PLACEMENT AND COMPACTION OF DETENTION PONDS, AS INDICATED ON PLANS, COMPLETE IN PLACE	CY	7915	\$6.48	\$51,289.20	\$6.00	\$47,490.00	\$8.50	\$67,277.50
2	4" REINFORCED CONCRETE SLOPE PAVING, TO INCLUDE 18" TOE AROUND PERIMETER OF SLOPE PAVING, COMPLETE IN PLACE	SY	100	\$98.00	\$9,800.00	\$90.00	\$9,000.00	\$116.00	\$11,600.00
3	BROADCAST SEEDING, FERTILIZING, AND WATERING OF THE POND MAINTENANCE BERMS (TO BE USED AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	AC	0.5	\$600.00	\$300.00	\$600.00	\$300.00	\$600.00	\$300.00
4	HYDROMULCH SEEDING, FINE GRADING, AND WATERING OF THE POND SIDE SLOPES, BOTTOM, & BACKSLOPE SWALES (TO BE USED AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	AC	1.2	\$3,000.00	\$3,600.00	\$1,200.00	\$1,440.00	\$1,200.00	\$1,440.00
5	BACKSLOPE INTERCEPTOR STRUCTURE (SEE DETAIL SHEET NO. 23), INCLUDES 24" CMP OUTFALL PIPE (ASPHALT COATED), 4" THICK CONCRETE SLOPE PAVING, COMPLETE IN PLACE	EA	2	\$11,000.00	\$22,000.00	\$12,500.00	\$25,000.00	\$7,844.00	\$15,688.00
6	BACKSLOPE INTERCEPTOR SWALES, AS SHOWN ON THE GRADING PLAN, COMPLETE IN PLACE	LF	900	\$2.88	\$2,592.00	\$16.00	\$14,400.00	\$3.00	\$2,700.00

BID TABULATION FOR:

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

CONSTRUCTION OF WATER, SANITARY SEWER, DRAINAGE, AND DETENTION FACILITIES
 AND PAVING AND APPURTENANCES TO SERVE GARDEN TRAILS
 HARRIS COUNTY MUNICIPAL UTILITY DISTRICT NO. 120
 CITY OF HOUSTON E.T.J., HARRIS COUNTY, TEXAS
 FEBRUARY 16, 2024
 LJA ENGINEERING, INC.
 A. OTTO
 FEBRUARY 16, 2024
 2663-4101 (9.2)

ITEM	DESCRIPTION	UNIT	QTY	1) HURTADO CONSTRUCTION COMPANY		2) CE BARKER LTD.		3) PRINCIPAL SERVICES, LTD	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
7	GRASS LINED PILOT CHANNEL, AS SHOWN ON PLANS, TO INCLUDE HYDROMULCH SEEDING OF PILOT CHANNEL, COMPLETE IN PLACE	LF	280	\$3.88	\$1,086.40	\$122.00	\$34,160.00	\$10.00	\$2,800.00
8	FLOATABLE COLLECTION STRUCTURE, TO INCLUDE ANY NECESSARY APPURTENANCES, REINFORCED CONCRETE, CONNECTION OF COLLECTION STRUCTURE TO PROPOSED SLOPE PAVING, AND ANY AND ALL APPURTENANCES NECESSARY FOR CONSTRUCTION PER THE DETAIL IN THE PLANS, COMPLETE IN PLACE	EA	1	\$8,888.00	\$8,888.00	\$22,000.00	\$22,000.00	\$2,000.00	\$2,000.00
9	TYPE III ROCK FILTER DAM, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	EA	1	\$200.00	\$200.00	\$100.00	\$100.00	\$1,000.00	\$1,000.00
DETENTION POND ITEMS SUBTOTAL:					\$99,755.60		\$153,890.00		\$104,805.50
<u>GARDEN TRAILS ALTERNATE BID ITEMS</u>									
1	BURNING OF CLEARED AND GRUBBED MATERIAL, INCLUDING NECESSARY PERMITS, EXCAVATION OF BURN PITS, HAULING AND DISPOSAL OF ASHES OFFSITE, CLEAN-OUT OF BURN PITS, AND BACKFILL TO 95% STANDARD PROCTOR DENSITY IN MAXIMUM 8" LIFTS, TO BE USED IN LIEU OF CLEARING AND GRUBBING ITEM NO. 4, COMPLETE IN PLACE	AC	0.46	\$8,000.00	\$3,680.00	\$43,000.00	\$19,780.00	\$1,000.00	\$460.00
GARDEN TRAILS ALTERNATE BID ITEMS SUBTOTAL:					\$3,680.00		\$19,780.00		\$460.00
<u>BIDDING SUMMARY</u>									
SUBTOTAL GARDEN TRAILS CLEARING AND GRUBBING ITEMS					\$22,390.00		\$41,725.00		\$9,075.00
SUBTOTAL GARDEN TRAILS WATER ITEMS					\$168,387.68		\$147,398.71		\$136,274.10
SUBTOTAL GARDEN TRAILS SANITARY SEWER ITEMS					\$152,980.84		\$168,395.88		\$222,534.80
SUBTOTAL GARDEN TRAILS STORM SEWER ITEMS					\$124,530.00		\$115,823.18		\$127,405.80
SUBTOTAL MISCELLANEOUS ITEMS					\$21,899.20		\$25,094.00		\$18,584.00
SUBTOTAL GARDEN TRAILS PAVING IMPROVEMENT ITEMS					\$378,239.34		\$362,643.50		\$403,767.00
SUBTOTAL DETENTION POND ITEMS					\$99,755.60		\$153,890.00		\$104,805.50
TOTAL AMOUNT BASE BID					\$968,182.66		\$1,014,970.27		\$1,022,446.20
<u>GARDEN TRAILS ALTERNATE BID ITEMS</u>									
TOTAL AMOUNT BASE BID					\$968,182.66		\$1,014,970.27		\$1,022,446.20
DEDUCT GARDEN TRAILS CLEARING AND GRUBBING ITEMS ITEM NO.4					-\$3,680.00		-\$11,500.00		-\$460.00
SUBTOTAL GARDEN TRAILS ALTERNATE BID ITEMS					\$3,680.00		\$19,780.00		\$460.00
TOTAL AMOUNT INCLUDING GARDEN TRAILS ALTERNATE BID ITEMS					\$968,182.66		\$1,023,250.27		\$1,022,446.20

BID TABULATION FOR:

CONSTRUCTION OF WATER, SANITARY SEWER, DRAINAGE, AND DETENTION FACILITIES
AND PAVING AND APPURTENANCES TO SERVE GARDEN TRAILS
HARRIS COUNTY MUNICIPAL UTILITY DISTRICT NO. 120
CITY OF HOUSTON E.T.J., HARRIS COUNTY, TEXAS
FEBRUARY 16, 2024
LJA ENGINEERING, INC.
A. OTTO
FEBRUARY 16, 2024
2663-4101 (9.2)

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

4) PRECISE SERVICES INC.

ITEM	DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST
GARDEN TRAILS CLEARING AND GRUBBING ITEMS					
1	HEAVY CLEARING AND GRUBBING, AND ROOT RAKING, COMPLETE IN PLACE	AC	0.46	\$14,500.00	\$6,670.00
2	LIGHT CLEARING AND MOWING FOR REMAINDER OF THE TRACT NOT CONTAINING HEAVILY WOODED AREAS, COMPLETE IN PLACE	AC	5.03	\$2,750.00	\$13,832.50
3	MISCELLANEOUS DEBRIS REMOVAL, TO INCLUDE FENCE, TRASH, OR OTHER RANDOM ARTIFACTS FOUND ON THE PROPERTY WITH A 20 CY CONTAINER, TO BE USED AT THE DIRECTION OF THE ENGINEER, COMPLETE IN PLACE	LOAD	1	\$725.00	\$725.00
4	OFFSITE DISPOSAL OF CLEARED AND GRUBBED MATERIAL, COMPLETE IN PLACE	AC	0.46	\$19,500.00	\$8,970.00
GARDEN TRAILS CLEARING AND GRUBBING ITEMS SUBTOTAL:					\$30,197.50
GARDEN TRAILS WATER ITEMS					
1	8" PVC WATER PIPE, AWWA C-900, DR 18, CLASS 235, INCLUDES ALL FITTINGS AND VALVES, INCLUDES BEDDING, BACKFILL AND FITTINGS, ALL DEPTHS, COMPLETE IN PLACE	LF	1233	\$65.00	\$80,145.00
2	FLUSHING VALVE UNIT, ALL DEPTHS, INCLUDES APPROPRIATE TEE, 6" GATE VALVE & BOX, LEAD AND FLUSHING VALVE, COMPLETE IN PLACE	EA	3	\$7,950.00	\$23,850.00
3	8" PLUG & CLAMP WITH 2" BLOW-OFF VALVE, COMPLETE IN PLACE	EA	4	\$2,450.00	\$9,800.00
4	8" AWWA GATE VALVE AND BOX, TO INCLUDE ANY ADJUSTMENTS AS NECESSARY, COMPLETE IN PLACE	EA	11	\$2,750.00	\$30,250.00
5	8"X12" TAPPING SLEEVE AND VALVE & BOX, COMPLETE IN PLACE	EA	1	\$6,350.00	\$6,350.00
6	8" COMPOUND FIRE & DOMESTIC WATER METER & VAULT, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	EA	1	\$21,500.00	\$21,500.00
7	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	1271	\$0.10	\$127.10
8	8" REDUCED PRESSURE BACKFLOW PREVENTER, COMPLETE IN PLACE	EA	1	\$22,500.00	\$22,500.00
9	8" RESTRAINED JOINT PVC WATER PIPE, AWWA C-900, DR 14, CLASS 305, INCLUDES ALL FITTINGS AND VALVES, INCLUDES BEDDING AND BACKFILL, ALL DEPTHS, COMPLETE IN PLACE	LF	38	\$125.00	\$4,750.00
10	EXTRA WATER LINE FITTINGS, COMPLETE IN PLACE	TON	2	\$1,000.00	\$2,000.00
11	ADJUST EXISTING GATE VALVE TO FINISHED GRADE AS REQUIRED, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	EA	1	\$500.00	\$500.00
GARDEN TRAILS WATER ITEMS SUBTOTAL:					\$201,772.10
GARDEN TRAILS SANITARY SEWER ITEMS					
1	"SHORT SIDE" DOUBLE OR SINGLE 6" PVC PIPE SERVICE LEADS, ASTM D-2241, SDR 26, (ALL DEPTHS), INCLUDING CEMENT STABILIZED SAND BACKFILL, RISER, WYE, PLUG, MARKER, STACK, DROP STRUCTURES AND ANY NECESSARY FITTINGS, ETC., COMPLETE IN PLACE	EA	17	\$2,000.00	\$34,000.00
2	"FAR SIDE" DOUBLE OR SINGLE 6" PVC PIPE SERVICE LEADS, ASTM D-2241, SDR 26, (ALL DEPTHS), INCLUDING CEMENT STABILIZED SAND BACKFILL, RISER, WYE, PLUG, MARKER, STACK, DROP STRUCTURES AND ANY NECESSARY FITTINGS, ETC., COMPLETE IN PLACE	EA	4	\$4,500.00	\$18,000.00
3	8" PVC SEWER PIPE, ASTM D-3034, SDR 26, 0 - 8 FOOT CUT, WITH STANDARD BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	793	\$56.00	\$44,408.00

BID TABULATION FOR:

CONSTRUCTION OF WATER, SANITARY SEWER, DRAINAGE, AND DETENTION FACILITIES
AND PAVING AND APPURTENANCES TO SERVE GARDEN TRAILS
HARRIS COUNTY MUNICIPAL UTILITY DISTRICT NO. 120
CITY OF HOUSTON E.T.J., HARRIS COUNTY, TEXAS
FEBRUARY 16, 2024
LJA ENGINEERING, INC.
A. OTTO
FEBRUARY 16, 2024
2663-4101 (9.2)

BID OPENING DATE:**BID OPENING LOCATION:****TABULATION BY:****TABULATION DATE:****LJA JOB NO.****4) PRECISE SERVICES INC.**

ITEM	DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST
4	8" PVC SEWER PIPE, ASTM D-3034, SDR 26, 8 - 12 FOOT CUT, WITH STANDARD BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	321	\$62.00	\$19,902.00
5	STANDARD SANITARY SEWER MANHOLE (0' - 8' DEPTH), COMPLETE IN PLACE	EA	11	\$4,850.00	\$53,350.00
6	EXTRA DEPTH ON SANITARY SEWER MANHOLE (OVER 8' DEPTH), COMPLETE IN PLACE	VF	15	\$125.00	\$1,875.00
7	CONNECT PROPOSED 8" SANITARY SEWER TO EXISTING SANITARY SEWER MANHOLE, INCLUDES CORING OF MANHOLE, SEALING, ADJUSTMENTS, TEMPORARY PLUGS, ALL OTHER APPURTENANCES AND BYPASS PUMPING AS NECESSARY, COMPLETE IN PLACE	EA	1	\$4,000.00	\$4,000.00
8	CONNECT PROPOSED SANITARY SEWER MANHOLE TO EXISTING 10" SANITARY SEWER, INCLUDES SEALING, ADJUSTMENTS, TEMPORARY PLUGS, CUTTING OF EXISTING 10" SANITARY SEWER PIPE AS NECESSARY TO CONNECT EXISTING SANITARY SEWER PIPE TO THE PROPOSED SANITARY SEWER MANHOLE, ALL OTHER APPURTENANCES AND BYPASS PUMPING AS NECESSARY, COMPLETE IN PLACE	EA	2	\$4,700.00	\$9,400.00
9	SANITARY SEWER DROP STRUCTURE, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$1,100.00	\$1,100.00
10	ADDITIONAL COST FOR WATER AND SANITARY CROSSINGS, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$2,400.00	\$2,400.00
11	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	1288	\$0.10	\$128.80
12	EXTRA COST OF SANITARY SEWER WET SAND CONSTRUCTION, ALL LINE SIZES, ALL DEPTHS, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	258	\$15.00	\$3,870.00
13	DEWATERING FOR SANITARY SEWER, ALL LINE SIZES, ALL DEPTHS, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	258	\$25.00	\$6,450.00
14	ADJUST EXISTING MANHOLE RIM ELEVATION TO BE 3" ABOVE FINISHED GRADE, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	EA	1	\$500.00	\$500.00

GARDEN TRAILS SANITARY SEWER ITEMS SUBTOTAL:**\$199,383.80****GARDEN TRAILS STORM SEWER ITEMS**

1	24" RCP STORM SEWER, ASTM C-76, CLASS III, INCLUDES BEDDING AND BACKFILL, ALL DEPTHS, COMPLETE IN PLACE	LF	729	\$155.00	\$112,995.00
2	30" RCP STORM SEWER, ASTM C-76, CLASS III, INCLUDES BEDDING AND BACKFILL, ALL DEPTHS, COMPLETE IN PLACE	LF	92	\$190.00	\$17,480.00
3	TYPE "A" INLET, ALL DEPTHS, INCLUDES TRAFFIC RATED GRATE TOP, AND ANY ADJUSTMENTS NECESSARY FOR PAVEMENT CONSTRUCTION, COMPLETE IN PLACE	EA	7	\$4,000.00	\$28,000.00
4	TYPE "C" MANHOLE FOR 42" STORM SEWER AND SMALLER WITH A REINFORCED CONCRETE TYPE "E" INLET TOP, ALL SIDES OPEN, INCLUDES FINAL ADJUSTMENTS, COMPLETE IN PLACE	EA	1	\$7,250.00	\$7,250.00
5	REMOVE AND DISPOSE OF EXISTING 8" BRICK PLUG AND CONNECT PROPOSED 30" RCP TO EXISTING 30" RCP, INCLUDES TEMPORARY PLUGS, PUMPING AS NECESSARY, COMPLETE IN PLACE	EA	1	\$1,600.00	\$1,600.00
6	TRENCH SAFETY SYSTEM, ALL DEPTHS, ALL SIZES, COMPLETE IN PLACE	LF	818	\$0.10	\$81.80

BID TABULATION FOR:

CONSTRUCTION OF WATER, SANITARY SEWER, DRAINAGE, AND DETENTION FACILITIES
AND PAVING AND APPURTENANCES TO SERVE GARDEN TRAILS
HARRIS COUNTY MUNICIPAL UTILITY DISTRICT NO. 120
CITY OF HOUSTON E.T.J., HARRIS COUNTY, TEXAS
FEBRUARY 16, 2024
LJA ENGINEERING, INC.
A. OTTO
FEBRUARY 16, 2024
2663-4101 (9.2)

BID OPENING DATE:**BID OPENING LOCATION:****TABULATION BY:****TABULATION DATE:****LJA JOB NO.****4) PRECISE SERVICES INC.**

ITEM	DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST
7	EXTRA COST OF STORM SEWER WET SAND CONSTRUCTION, ALL LINE SIZES, ALL DEPTHS (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	165	\$15.00	\$2,475.00
8	DEWATERING FOR STORM SEWER, ALL LINE SIZES, ALL DEPTHS (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	165	\$25.00	\$4,125.00
9	ADJUST EXISTING MANHOLE RIM ELEVATION TO BE 3" ABOVE FINISHED GRADE, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	EA	1	\$500.00	\$500.00

GARDEN TRAILS STORM SEWER ITEMS SUBTOTAL:**\$174,506.80****MISCELLANEOUS ITEMS**

1	STABILIZED CONSTRUCTION EXIT, INCLUDING INSTALLATION, MAINTENANCE AND REMOVAL, COMPLETE IN PLACE	EA	1	\$21,500.00	\$21,500.00
2	UTILITY SPOILS (ESTIMATED QUANTITY OF 1,045 CUBIC YARDS), TO BE USED ON-SITE, STRIPPING, STOCK PILING OF STRIPPINGS, COMPACTION TO 95% STANDARD PROCTOR DENSITY, AND REAPPLICATION OF STRIPPINGS IN ACCORDANCE WITH THE CONSTRUCTION PLANS, COMPLETE IN PLACE	LS	1	\$5,000.00	\$5,000.00
3	STORMWATER POLLUTION INSPECTION REPORTS CONDUCTED ON A WEEKLY BASIS ACCORDING TO TCEQ PERMIT, COMPLETE IN PLACE	LS	1	\$2,500.00	\$2,500.00
4	AS-BUILT SURVEY, TO INCLUDE FRONT OF LOT, BACK OF LOT, HIGH BANK OF POND EVERY 50 FEET, TOE OF POND EVERY 50 FEET, FLOWLINE OF THE POND PILOT CHANNEL AT BOTH OUTFALLS AND EVERY 20 FEET, COMPLETE IN PLACE	LS	1	\$9,750.00	\$9,750.00
5	INSTALLATION, MAINTENANCE AND REMOVAL OF CONCRETE TRUCK WASHOUT, COMPLETE IN PLACE	EA	1	\$1,850.00	\$1,850.00
6	STAGE II INLET PROTECTION BARRIERS, COMPLETE IN PLACE	EA	8	\$150.00	\$1,200.00
7	4" PVC SLEEVE, SCHEDULE 40 (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	65	\$47.50	\$3,087.50
8	6" PVC SLEEVE, SCHEDULE 40 (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	65	\$55.00	\$3,575.00
9	HYDROMULCH SEEDING FROM BACK OF CURB TO BUILDING LINE INCLUDES WATERING (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	AC	0.95	\$1,200.00	\$1,140.00
10	INSTALL AND MAINTAIN FILTER FABRIC FENCE (TO BE USED AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	2159	\$1.00	\$2,159.00
11	INSTALL AND MAINTAIN REINFORCED FILTER FABRIC FENCE (TO BE USED AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	2684	\$1.25	\$3,355.00
12	BROADCAST SEEDING, INCLUDING FERTILIZING AND WATERING, (TO BE USED AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	AC	2.3	\$600.00	\$1,380.00

MISCELLANEOUS ITEMS SUBTOTAL:**\$56,496.50****GARDEN TRAILS PAVING IMPROVEMENT ITEMS**

1	FINAL LOT AND RESERVE GRADING (42 LOTS, 13 RESERVES), INCLUDING STRIPPING AND PROOFROLLING, HAULING, PLACEMENT AND COMPACTION OF EXCESS EXCAVATED MATERIALS, AND REPLACEMENT OF STRIPPINGS, COMPLETE IN PLACE	LS	1	\$15,500.00	\$15,500.00
2	6" REINFORCED CONCRETE PAVEMENT, COMPLETE IN PLACE	SY	4237	\$55.00	\$233,035.00

BID TABULATION FOR:

CONSTRUCTION OF WATER, SANITARY SEWER, DRAINAGE, AND DETENTION FACILITIES
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HARRIS COUNTY MUNICIPAL UTILITY DISTRICT NO. 120
CITY OF HOUSTON E.T.J., HARRIS COUNTY, TEXAS
FEBRUARY 16, 2024
LJA ENGINEERING, INC.
A. OTTO
FEBRUARY 16, 2024
2663-4101 (9.2)

BID OPENING DATE:**BID OPENING LOCATION:****TABULATION BY:****TABULATION DATE:****LJA JOB NO.****4) PRECISE SERVICES INC.**

ITEM	DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST
3	7" REINFORCED CONCRETE PAVEMENT, COMPLETE IN PLACE	SY	162	\$75.00	\$12,150.00
4	6" REINFORCED CONCRETE CURB, COMPLETE IN PLACE	LF	1046	\$4.55	\$4,759.30
5	4"X12" REINFORCED CONCRETE CURB, COMPLETE IN PLACE	LF	1660	\$4.55	\$7,553.00
6	6" LIME-FLY ASH STABILIZED SUB-GRADE (MANIPULATION), COMPLETE IN PLACE	SY	4525	\$6.05	\$27,376.25
7	8" LIME-FLY ASH STABILIZED SUB-GRADE (MANIPULATION), COMPLETE IN PLACE	SY	192	\$7.15	\$1,372.80
8	2% HYDRATED LIME FOR STABILIZED SUB-GRADE (50 LBS./SY BY WEIGHT) AS REQUIRED BY SOIL CONDITIONS AND APPROVED BY GEOTECHNICAL ENGINEER, COMPLETE IN PLACE	TON	118	\$230.00	\$27,140.00
9	8% FLY ASH FOR STABILIZED SUB-GRADE, (37 LBS./SY BY WEIGHT) AS REQUIRED BY SOIL CONDITIONS AND APPROVED BY GEOTECHNICAL ENGINEER, COMPLETE IN PLACE	TON	88	\$230.00	\$20,240.00
10	DOUBLE REFLECTORIZED BLUE FIRE HYDRANT BUTTONS, COMPLETE IN PLACE	EA	3	\$18.00	\$54.00
11	PERMANENT TRAFFIC CONTROL DEVICES (INCLUDING ALL TRAFFIC BUTTONS, PAVEMENT STRIPING, DIRECTIONAL ARROWS, STREET SIGNS, TRAFFIC SIGNS, STOP BARS, CROSS WALKS, AND TRAFFIC WARNING SIGNS PER CONSTRUCTION PLANS, COMPLETE IN PLACE	LS	1	\$7,050.00	\$7,050.00
12	WHEELCHAIR RAMPS PER CONSTRUCTION PLANS, COMPLETE IN PLACE	EA	8	\$2,150.00	\$17,200.00
13	CONNECTION OF PROPOSED 7" CONCRETE PAVEMENT TO EXISTING 7" CONCRETE PAVEMENT OF BRANCH FOREST DRIVE, TO INCLUDE 2' SAW CUT, REMOVAL AND DISPOSAL OF EXISTING CONCRETE, COMPLETE IN PLACE	EA	1	\$3,100.00	\$3,100.00
14	CONNECTION OF PROPOSED 7" CONCRETE PAVEMENT TO EXISTING 7" CONCRETE PAVEMENT SUMMIT VALLEY DRIVE, TO INCLUDE 2' SAW CUT, REMOVAL AND DISPOSAL OF EXISTING CONCRETE, COMPLETE IN PLACE	EA	1	\$3,250.00	\$3,250.00
15	TEMPORARY TRAFFIC CONTROL DEVICES AS NEEDED FOR THE DURATION OF THE PROJECT, (FLAGGERS, CONES, ETC.), INCLUDES INSTALLATION, MAINTENANCE, AND REMOVAL, COMPLETE IN PLACE	LS	1	\$11,000.00	\$11,000.00

GARDEN TRAILS PAVING IMPROVEMENT ITEMS SUBTOTAL:**\$390,780.35****DETENTION POND ITEMS**

1	STORAGE EXCAVATION, HAULING, PLACEMENT AND COMPACTION OF DETENTION PONDS, AS INDICATED ON PLANS, COMPLETE IN PLACE	CY	7915	\$5.00	\$39,575.00
2	4" REINFORCED CONCRETE SLOPE PAVING, TO INCLUDE 18" TOE AROUND PERIMETER OF SLOPE PAVING, COMPLETE IN PLACE	SY	100	\$150.00	\$15,000.00
3	BROADCAST SEEDING, FERTILIZING, AND WATERING OF THE POND MAINTENANCE BERMS (TO BE USED AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	AC	0.5	\$600.00	\$300.00
4	HYDROMULCH SEEDING, FINE GRADING, AND WATERING OF THE POND SIDE SLOPES, BOTTOM, & BACKSLOPE SWALES (TO BE USED AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	AC	1.2	\$1,200.00	\$1,440.00
5	BACKSLOPE INTERCEPTOR STRUCTURE (SEE DETAIL SHEET NO. 23), INCLUDES 24" CMP OUTFALL PIPE (ASPHALT COATED), 4" THICK CONCRETE SLOPE PAVING, COMPLETE IN PLACE	EA	2	\$9,850.00	\$19,700.00
6	BACKSLOPE INTERCEPTOR SWALES, AS SHOWN ON THE GRADING PLAN, COMPLETE IN PLACE	LF	900	\$11.50	\$10,350.00

BID TABULATION FOR:

CONSTRUCTION OF WATER, SANITARY SEWER, DRAINAGE, AND DETENTION FACILITIES
AND PAVING AND APPURTENANCES TO SERVE GARDEN TRAILS
HARRIS COUNTY MUNICIPAL UTILITY DISTRICT NO. 120
CITY OF HOUSTON E.T.J., HARRIS COUNTY, TEXAS
FEBRUARY 16, 2024
LJA ENGINEERING, INC.
A. OTTO
FEBRUARY 16, 2024
2663-4101 (9.2)

BID OPENING DATE:**BID OPENING LOCATION:****TABULATION BY:****TABULATION DATE:****LJA JOB NO.****4) PRECISE SERVICES INC.**

ITEM	DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST
7	GRASS LINED PILOT CHANNEL, AS SHOWN ON PLANS, TO INCLUDE HYDROMULCH SEEDING OF PILOT CHANNEL, COMPLETE IN PLACE	LF	280	\$27.50	\$7,700.00
8	FLOATABLE COLLECTION STRUCTURE, TO INCLUDE ANY NECESSARY APPURTENANCES, REINFORCED CONCRETE, CONNECTION OF COLLECTION STRUCTURE TO PROPOSED SLOPE PAVING, AND ANY AND ALL APPURTENANCES NECESSARY FOR CONSTRUCTION PER THE DETAIL IN THE PLANS, COMPLETE IN PLACE	EA	1	\$20,500.00	\$20,500.00
9	TYPE III ROCK FILTER DAM, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	EA	1	\$1,500.00	\$1,500.00

DETENTION POND ITEMS SUBTOTAL:**\$116,065.00****GARDEN TRAILS ALTERNATE BID ITEMS**

1	BURNING OF CLEARED AND GRUBBED MATERIAL, INCLUDING NECESSARY PERMITS, EXCAVATION OF BURN PITS, HAULING AND DISPOSAL OF ASHES OFFSITE, CLEAN-OUT OF BURN PITS, AND BACKFILL TO 95% STANDARD PROCTOR DENSITY IN MAXIMUM 8" LIFTS, TO BE USED IN LIEU OF CLEARING AND GRUBBING ITEM NO. 4, COMPLETE IN PLACE	AC	0.46	\$13,000.00	\$5,980.00
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GARDEN TRAILS ALTERNATE BID ITEMS SUBTOTAL:**\$5,980.00****BIDDING SUMMARY**

SUBTOTAL GARDEN TRAILS CLEARING AND GRUBBING ITEMS	\$30,197.50
SUBTOTAL GARDEN TRAILS WATER ITEMS	\$201,772.10
SUBTOTAL GARDEN TRAILS SANITARY SEWER ITEMS	\$199,383.80
SUBTOTAL GARDEN TRAILS STORM SEWER ITEMS	\$174,506.80
SUBTOTAL MISCELLANEOUS ITEMS	\$56,496.50
SUBTOTAL GARDEN TRAILS PAVING IMPROVEMENT ITEMS	\$390,780.35
SUBTOTAL DETENTION POND ITEMS	\$116,065.00
TOTAL AMOUNT BASE BID	\$1,169,202.05
<u>GARDEN TRAILS ALTERNATE BID ITEMS</u>	
TOTAL AMOUNT BASE BID	\$1,169,202.05
DEDUCT GARDEN TRAILS CLEARING AND GRUBBING ITEMS ITEM NO.4	-\$8,970.00
SUBTOTAL GARDEN TRAILS ALTERNATE BID ITEMS	\$5,980.00
TOTAL AMOUNT INCLUDING GARDEN TRAILS ALTERNATE BID ITEMS	\$1,166,212.05