

BID TABULATION FOR:

CONSTRUCTION OF DETENTION PONDS AND DRAINAGE
TO SERVE CARPENTERS LANDING EAST
HARRIS COUNTY MUNICIPAL UTILITY DISTRICT NO. 285
CITY OF HOUSTON E.T.J., HARRIS COUNTY, TEXAS
JUNE 12, 2024
LJA ENGINEERING, INC.
E. MURPHY
JUNE 13, 2024
2164-2311 (9.2)

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

BIDDER'S NAME	TOTAL AMOUNT BID	BID INCLUDING ALTERNATE ITEMS
1) DC CONTRACTING SERVICES, LLC	\$1,015,944.00	\$2,346,816.00
2) R CONSTRUCTION CIVIL, LLC	\$1,098,632.25	\$2,207,692.25
3) REBEL CONTRACTORS, INC.	\$1,448,997.50	\$2,558,057.50
4) TLC CONSTRUCTION CONTRACT SERVICES, INC.	\$1,623,701.82	\$3,010,026.82

CALENDAR DAYS 40/50

I, Mark H. Swanson, PE, hereby certify these bid tabulations to be true and correct.



6/13/24

LJA Engineering, Inc.

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 HARRIS COUNTY MUNICIPAL UTILITY DISTRICT NO. 285
 CITY OF HOUSTON E.T.J., HARRIS COUNTY, TEXAS
 JUNE 12, 2024
 LJA ENGINEERING, INC.
 E. MURPHY
 JUNE 13, 2024
 2164-2311 (9.2)

BID OPENING DATE:
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ITEM	DESCRIPTION	UNIT	QTY	1) DC CONTRACTING SERVICES, LLC		2) R CONSTRUCTION CIVIL, LLC		3) REBEL CONTRACTORS, INC.	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
DETENTION AND MASS GRADING ITEMS									
1	EXCAVATION OF PONDS 1-3, INCLUDES FINAL GRADING, STRIPPING, STOCKPILING OF STRIPPINGS, AND REAPPLYING STRIPPINGS TO FINAL GRADED AREAS, COMPLETE IN PLACE	CY	55453	\$3.00	\$166,359.00	\$2.25	\$124,769.25	\$2.00	\$110,906.00
2	EMBANKMENT OF PONDS 1-3, INCLUDES HAULING, COMPACTION TO 95% STANDARD PROCTOR DENSITY, STRIPPING, STOCKPILE STRIPPINGS, AND REAPPLYING STRIPPINGS, COMPLETE IN PLACE	CY	2664	\$2.00	\$5,328.00	\$1.50	\$3,996.00	\$3.50	\$9,324.00
3	EMBANKMENT OF FILL AREAS 1-3, INCLUDES HAULING, COMPACTION TO 95% STANDARD PROCTOR DENSITY, STRIPPING, STOCKPILE STRIPPINGS, MUCKING OF FILL AREA AND EXISTING SWALES AS NECESSARY TO ACHIEVE PROOFROLL (MAX 2 FOOT DEPTH), AND REAPPLYING STRIPPINGS, COMPLETE IN PLACE	CY	56634	\$3.30	\$186,892.20	\$2.25	\$127,426.50	\$3.50	\$198,219.00
4	EXCAVATION OF 12-FOOT AND 20-FOOT WIDTH V-BOTTOM SWALES (APPROX. 0.5 - 2.5 FOOT DEPTH), INCLUDES STRIPPING, STOCKPILING OF STRIPPINGS AND REAPPLYING STRIPPINGS TO FINAL GRADED AREAS, COMPLETE IN PLACE	LF	5320	\$4.00	\$21,280.00	\$4.00	\$21,280.00	\$8.00	\$42,560.00
5	1' DEEP EARTHEN PILOT CHANNEL, 3:1 SIDE SLOPES, COMPLETE IN PLACE	LF	1227	\$2.00	\$2,454.00	\$3.50	\$4,294.50	\$7.00	\$8,589.00
6	DEWATERING (GROUNDWATER CONTROL) TO COMPLETE THE CONSTRUCTION OF PONDS 1-3, INCLUDES CONVENTIONAL VACUUM TYPE WELL POINTS, INTERNAL SUMPS AND PUMPS, OR ANY TYPE OF PUMPING AS NECESSARY TO COMPLETE THE PROJECT, (AS DIRECTED BY ENGINEER), COMPLETE IN PLACE	AC	6	\$2,500.00	\$15,000.00	\$17,000.00	\$102,000.00	\$15,000.00	\$90,000.00
7	SURFACE WATER CONTROL, INCLUDES PUMPING REQUIRED TO CONSTRUCT PONDS AND COMPLETE THE PROJECT, COMPLETE IN PLACE	LS	1	\$2,800.00	\$2,800.00	\$21,000.00	\$21,000.00	\$30,000.00	\$30,000.00
DETENTION AND MASS GRADING ITEMS SUBTOTAL:					\$400,113.20		\$404,766.25		\$489,598.00
DRAINAGE ITEMS									
1	6" STEEL RESTRICTOR PLATE ON 24" RCP STORM SEWER, COMPLETE IN PLACE	EA	1	\$3,668.00	\$3,668.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00
2	24" RCP STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, INCLUDES SCORING OF PIPE, COMPLETE IN PLACE	LF	1069	\$118.00	\$126,142.00	\$94.00	\$100,486.00	\$105.00	\$112,245.00
3	30" RCP STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, INCLUDES SCORING OF PIPE, COMPLETE IN PLACE	LF	128	\$140.00	\$17,920.00	\$130.00	\$16,640.00	\$127.00	\$16,256.00
4	36" RCP STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, INCLUDES SCORING OF PIPE, COMPLETE IN PLACE	LF	194	\$185.00	\$35,890.00	\$178.00	\$34,532.00	\$178.00	\$34,532.00
5	TYPE "C" MANHOLE FOR 42" STORM SEWER AND SMALLER, ALL DEPTHS, INCLUDES ADJUSTMENTS, COMPLETE IN PLACE	EA	3	\$4,750.00	\$14,250.00	\$2,850.00	\$8,550.00	\$9,000.00	\$27,000.00
6	TYPE "C" MANHOLE WITH TYPE "E" INLET TOP (ALL SIDES OPEN) FOR 42" STORM SEWER AND SMALLER, ALL DEPTHS, INCLUDES ADJUSTMENTS, COMPLETE IN PLACE	EA	7	\$5,850.00	\$40,950.00	\$4,600.00	\$32,200.00	\$15,000.00	\$105,000.00
7	7'X7' JUNCTION BOX WITH TYPE "C" MANHOLE TOP FOR 24" STORM SEWER, ALL DEPTHS, INCLUDES ADJUSTMENTS, COMPLETE IN PLACE	EA	1	\$13,750.00	\$13,750.00	\$16,200.00	\$16,200.00	\$18,000.00	\$18,000.00
8	4" REINFORCED CONCRETE SLOPE PAVING, INCLUDES 2' TOE WALL ON ALL SIDES, COMPLETE IN PLACE	SY	228	\$140.00	\$31,920.00	\$120.00	\$27,360.00	\$90.00	\$20,520.00
9	INSTALLATION OF 24" FLAP GATE FROM RODNEY HUNT, WATERMAN, HYDROGATE, OR APPROVED ALTERNATIVE, ON 24" RCP IN 7' X 7' JUNCTION BOX, CONTRACTOR REQUIRED TO PROVIDE SHOP DRAWINGS TO ENGINEER FOR APPROVAL, COMPLETE IN PLACE	EA	1	\$9,500.00	\$9,500.00	\$6,700.00	\$6,700.00	\$18,000.00	\$18,000.00
10	STANDARD HARRIS COUNTY FLOATABLE COLLECTION SCREEN ON UPSTREAM OPENING OF 6" RESTRICTOR, COMPLETE IN PLACE	EA	1	\$17,500.00	\$17,500.00	\$9,750.00	\$9,750.00	\$15,000.00	\$15,000.00

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 JUNE 12, 2024
 LJA ENGINEERING, INC.
 E. MURPHY
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 2164-2311 (9.2)

ITEM	DESCRIPTION	UNIT	QTY	1) DC CONTRACTING SERVICES, LLC		2) R CONSTRUCTION CIVIL, LLC		3) REBEL CONTRACTORS, INC.	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
11	STANDARD HARRIS COUNTY FLOATABLE COLLECTION SCREEN ON UPSTREAM OPENING OF 30" RCP STORM SEWER, COMPLETE IN PLACE	EA	1	\$17,500.00	\$17,500.00	\$9,750.00	\$9,750.00	\$17,500.00	\$17,500.00
12	TRENCH SAFETY, ALL DEPTHS, ALL SIZES, COMPLETE IN PLACE	LF	1391	\$2.00	\$2,782.00	\$0.10	\$139.10	\$3.50	\$4,868.50
13	8" THICK BRICK PLUG, ALL DEPTHS, ALL SIZES, COMPLETE IN PLACE	EA	1	\$500.00	\$500.00	\$650.00	\$650.00	\$2,500.00	\$2,500.00
DRAINAGE ITEMS SUBTOTAL:					\$332,272.00		\$267,957.10		\$396,421.50
STORM WATER POLLUTION PREVENTION ITEMS									
1	STORMWATER POLLUTION PREVENTION PLAN COMPLIANCE, INCLUDES CONTRACTOR'S BOOKLET, NOI AND NOT, COMPLETE IN PLACE	LS	1	\$2,800.00	\$2,800.00	\$1,200.00	\$1,200.00	\$20,000.00	\$20,000.00
2	INSTALLATION AND MAINTENANCE OF STABILIZED CONSTRUCTION EXIT, COMPLETE IN PLACE	EA	1	\$3,500.00	\$3,500.00	\$1,500.00	\$1,500.00	\$4,500.00	\$4,500.00
3	REMOVAL OF STABILIZED CONSTRUCTION EXIT, (AS DIRECTED BY ENGINEER), COMPLETE IN PLACE	EA	1	\$1,200.00	\$1,200.00	\$900.00	\$900.00	\$2,500.00	\$2,500.00
4	REINFORCED FILTER FABRIC FENCE, COMPLETE IN PLACE	LF	6472	\$1.40	\$9,060.80	\$2.00	\$12,944.00	\$4.00	\$25,888.00
5	REMOVAL OF REINFORCED FILTER FABRIC FENCE (AS DIRECTED BY ENGINEER), COMPLETE IN PLACE	LF	6472	\$1.00	\$6,472.00	\$1.00	\$6,472.00	\$2.00	\$12,944.00
6	MAINTAIN EXISTING FILTER FABRIC FENCE ALONG WALLISVILLE ROAD, COMPLETE IN PLACE	LF	801	\$1.00	\$801.00	\$1.50	\$1,201.50	\$7.00	\$5,607.00
7	REMOVAL OF EXISTING REINFORCED FILTER FABRIC FENCE, COMPLETE IN PLACE	LF	2490	\$1.00	\$2,490.00	\$1.00	\$2,490.00	\$3.00	\$7,470.00
8	HYDROMULCH SEEDING OF PONDS 1-3 FROM EDGE OF FUTURE DRAINAGE EASEMENT TO POND TOE & 12-FOOT AND 20-FOOT WIDTH V-BOTTOM SWALES, INCLUDES SEEDING, MOWING, AND WATERING TO ACHIEVE 90% HOMOGENOUS VEGETATION TO ACCEPT PROJECT FOR FINAL PAYMENT, COMPLETE IN PLACE	AC	8	\$2,150.00	\$17,200.00	\$1,500.00	\$12,000.00	\$6,000.00	\$48,000.00
9	HYDROMULCH SEEDING OF ROADSIDE DITCH, (AS DIRECTED BE ENGINEER), COMPLETE IN PLACE	AC	1	\$2,150.00	\$2,150.00	\$1,500.00	\$1,500.00	\$6,000.00	\$6,000.00
10	BROADCAST SEEDING OF FILL AREAS 1-3, INCLUDES SEEDING, MOWING, AND WATERING TO ACHIEVE 90% HOMOGENOUS VEGETATION TO ACCEPT PROJECT FOR FINAL PAYMENT, (AS DIRECTED BY ENGINEER), COMPLETE IN PLACE	AC	12	\$500.00	\$6,000.00	\$650.00	\$7,800.00	\$5,000.00	\$60,000.00
11	TYPE I ROCK FILTER DAM, COMPLETE IN PLACE	EA	4	\$1,250.00	\$5,000.00	\$2,500.00	\$10,000.00	\$4,000.00	\$16,000.00
12	STAGE I INLET PROTECTION BARRIER, COMPLETE IN PLACE	EA	7	\$70.00	\$490.00	\$50.00	\$350.00	\$750.00	\$5,250.00
13	STAGE II INLET PROTECTION BARRIER, COMPLETE IN PLACE	EA	7	\$70.00	\$490.00	\$30.00	\$210.00	\$750.00	\$5,250.00
14	ALLOWANCE TO INSTALL GREEN ARMOR 7010 ON POND 1 EMERGENCY OVERFLOW, TO BE CONFIRMED BY GEOTECH AND CHAMPIONS, COMPLETE IN PLACE	SY	81	\$12.00	\$972.00	\$35.00	\$2,835.00	\$110.00	\$8,910.00
15	ALLOWANCE TO ADD SOIL AMENDMENTS IN AREAS OF GREEN ARMOR PLACEMENT, (AS DIRECTED BY ENGINEER), TO BE CONFIRMED BY GEOTECH AND CHAMPIONS COMPLETE IN PLACE	SY	81	\$12.00	\$972.00	\$17.00	\$1,377.00	\$190.00	\$15,390.00
STORM WATER POLLUTION PREVENTION ITEMS SUBTOTAL:					\$59,597.80		\$62,779.50		\$243,709.00
ACCESS ROAD ITEMS									
1	30" RCP TONGUE AND GROOVE STORM SEWER CULVERT, ASTM C-76. CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	44	\$132.00	\$5,808.00	\$151.00	\$6,644.00	\$150.00	\$6,600.00

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				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
2	SAFETY-END TREATMENT FOR 30" CULVERT, (AS DIRECTED BY ENGINEER), COMPLETE IN PLACE	EA	2	\$3,500.00	\$7,000.00	\$2,000.00	\$4,000.00	\$3,500.00	\$7,000.00
3	STANDARD PRECAST INLET, TYPE "D-1", ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$4,250.00	\$4,250.00	\$2,600.00	\$2,600.00	\$9,000.00	\$9,000.00
4	7" CRUSHED CONCRETE 24' ACCESS ROAD, COMPLETE IN PLACE	SY	533	\$30.00	\$15,990.00	\$22.00	\$11,726.00	\$25.00	\$13,325.00
5	8" CEMENT STABILIZED SUBGRADE (MANIPULATION), COMPLETE IN PLACE	SY	578	\$16.00	\$9,248.00	\$19.00	\$10,982.00	\$15.00	\$8,670.00
6	1' ASPHALT STRIP, COMPLETE IN PLACE	LF	75	\$40.00	\$3,000.00	\$175.00	\$13,125.00	\$54.00	\$4,050.00
7	SAWCUT AND CONNECT TO EXISTING PAVEMENT, COMPLETE IN PLACE	LF	75	\$18.00	\$1,350.00	\$45.00	\$3,375.00	\$15.00	\$1,125.00
8	REGRAVING OF EXISTING ROADSIDE DITCH, COMPLETE IN PLACE	LF	44	\$23.00	\$1,012.00	\$6.00	\$264.00	\$50.00	\$2,200.00
9	ACCESS ROAD EMBANKMENT, INCLUDES STRIPPINGS, STOCKPILING OF STRIPPINGS, COMPACTION TO 95% STANDARD PROCTOR DENSITY, FINAL GRADING AND RE-APPLICATION OF STRIPPINGS, COMPLETE IN PLACE	CY	44	\$15.00	\$660.00	\$17.00	\$748.00	\$10.00	\$440.00
10	TRENCH SAFETY, COMPLETE IN PLACE	LF	44	\$2.00	\$88.00	\$0.10	\$4.40	\$4.00	\$176.00
ACCESS ROAD ITEMS SUBTOTAL:					\$48,406.00		\$53,468.40		\$52,586.00
MISCELLANEOUS ITEMS									
1	CLEARING AND GRUBBING OF FILL AREA 1, INCLUDES ROOT RAKING, BACK DRAGGING, AND OFF-SITE DISPOSAL TO EPA APPROVED DISPOSAL SITE, COMPLETE IN PLACE	AC	6	\$9,000.00	\$54,000.00	\$9,700.00	\$58,200.00	\$7,500.00	\$45,000.00
2	REMOVAL AND DISPOSAL OF EXISTING FENCES, ALL TYPES, INCLUDING PERIMETER FENCES (AS DIRECTED BY ENGINEER), COMPLETE IN PLACE	LF	3766	\$1.00	\$3,766.00	\$3.50	\$13,181.00	\$10.00	\$37,660.00
3	REMOVAL AND DISPOSAL OF EXISTING STORM SEWER PIPES, ALL SIZES, ALL DEPTHS, ALL MATERIALS, COMPLETE IN PLACE	LF	162	\$14.00	\$2,268.00	\$45.00	\$7,290.00	\$50.00	\$8,100.00
4	REMOVAL AND DISPOSAL OF EXISTING CENTERPOINT ENERGY POWER POLES, COMPLETE IN PLACE	EA	8	\$180.00	\$1,440.00	\$600.00	\$4,800.00	\$750.00	\$6,000.00
5	REMOVAL AND DISPOSAL OF EXISTING CENTERPOINT ENERGY OVERHEAD ELECTRIC LINE, COMPLETE IN PLACE	LF	545	\$3.00	\$1,635.00	\$9.00	\$4,905.00	\$5.00	\$2,725.00
6	REMOVAL AND DISPOSAL OF EXISTING ASPHALT ROAD, COMPLETE IN PLACE	SY	426	\$9.00	\$3,834.00	\$11.00	\$4,686.00	\$6.00	\$2,556.00
7	REMOVAL AND DISPOSAL OF EXISTING GRAVEL ROAD, COMPLETE IN PLACE	SY	2669	\$6.00	\$16,014.00	\$7.00	\$18,683.00	\$4.00	\$10,676.00
8	REMOVAL AND DISPOSAL OF EXISTING CONCRETE ROAD, COMPLETE IN PLACE	SY	603	\$6.00	\$3,618.00	\$16.00	\$9,648.00	\$7.00	\$4,221.00
9	DEMUCK AND FILL EXISTING DITCHES, COMPLETE IN PLACE	LF	2800	\$4.00	\$11,200.00	\$6.00	\$16,800.00	\$17.00	\$47,600.00
10	REMOVAL AND DISPOSAL OF EXISTING CONCRETE PAD, COMPLETE IN PLACE	SY	375	\$10.00	\$3,750.00	\$10.00	\$3,750.00	\$30.00	\$11,250.00
11	REMOVAL AND DISPOSAL OF EXISTING MISCELLANEOUS STRUCTURES AND UTILITY LINES, COMPLETE IN PLACE	LS	1	\$17,331.00	\$17,331.00	\$115,000.00	\$115,000.00	\$15,000.00	\$15,000.00
12	EXTRA CEMENT STABILIZED SAND BACKFILL, (2.0 SACKS OF CEMENT PER CUBIC YARD CEMENT STABILIZED SAND), (AS DIRECTED BY ENGINEER), COMPLETE IN PLACE	CY	20	\$12.00	\$240.00	\$50.00	\$1,000.00	\$40.00	\$800.00
13	AS-BUILT SURVEY OF FILL AREAS 1-3 AND ALL SWALES, CONTRACTOR'S SURVEYOR TO PROVIDE TOPOGRAPHIC SURVEY SEALED BY A TEXAS REGISTERED SURVEYOR, GRID SPACING SHALL BE 100-FT MAXIMUM, INCLUDES ALL HIGH BANKS, GRADE BREAKS, FLOWLINES, AND GRADING FEATURES IN A 3D CAD FILE, (AS DIRECTED BY ENGINEER), COMPLETE IN PLACE	LS	1	\$18,000.00	\$18,000.00	\$14,000.00	\$14,000.00	\$25,000.00	\$25,000.00

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				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
14	AS-BUILT SURVEY OF PONDS 1-3, INCLUDES BUT NOT LIMITED TO HIGH BANK, POND TOE, PILOT CHANNEL FLOWLINE, OUTFALL FLOWLINE, GRADE BREAKS, MANHOLE RIM & FLOWLINES, CONTRACTOR'S SURVEYOR TO PROVIDE TOPOGRAPHIC SURVEY SEALED BY A TEXAS REGISTERED SURVEYOR, AND A 3D CAD FILE, (AS DIRECTED BY ENGINEER), COMPLETE IN PLACE	LS	1	\$30,000.00	\$30,000.00	\$14,000.00	\$14,000.00	\$25,000.00	\$25,000.00
15	UTILITY SPOILS TO BE PLACED AND COMPACTED TO 95% STANDARD PROCTOR DENSITY, ON SITE, INCLUDES STRIPPING, STOCKPILING OF STRIPPINGS AND REAPPLYING STRIPPINGS TO FINAL GRADED AREAS, COMPLETE IN PLACE	CY	1218	\$3.00	\$3,654.00	\$1.00	\$1,218.00	\$5.00	\$6,090.00
16	TEMPORARY TRAFFIC CONTROL DEVICES (INCLUDES ALL TRAFFIC BUTTONS, PAVEMENT STRIPING, STREET SIGNS, AND TRAFFIC SIGNS), COMPLETE IN PLACE	LS	1	\$3,850.00	\$3,850.00	\$21,000.00	\$21,000.00	\$15,000.00	\$15,000.00
17	WET SAND BEDDING FOR UNSTABLE SUBGRADE FOR STORM SEWER AS PER CITY OF HOUSTON DRAWING NO. 02317-02, (AS DIRECTED BY ENGINEER), COMPLETE IN PLACE	LF	100	\$5.00	\$500.00	\$5.00	\$500.00	\$5.00	\$500.00
18	CRUSHED STONE SUPPORT FOR MANHOLE IN UNSTABLE SUBGRADE, (AS DIRECTED BY ENGINEER), COMPLETE IN PLACE	EA	1	\$5.00	\$5.00	\$500.00	\$500.00	\$5.00	\$5.00
19	CONCRETE TRUCK WASHOUT, INCLUDES INSTALLATION, MAINTENANCE, AND REMOVAL, (AS DIRECTED BY ENGINEER), COMPLETE IN PLACE	EA	1	\$450.00	\$450.00	\$500.00	\$500.00	\$3,500.00	\$3,500.00
MISCELLANEOUS ITEMS SUBTOTAL:					\$175,555.00		\$309,661.00		\$266,683.00
ALTERNATE ITEMS									
1	OFF-SITE DISPOSAL OF PONDS 1-3 EXCAVATION, COMPLETE IN PLACE	CY	55453	\$24.00	\$1,330,872.00	\$20.00	\$1,109,060.00	\$20.00	\$1,109,060.00
ALTERNATE ITEMS SUBTOTAL:					\$1,330,872.00		\$1,109,060.00		\$1,109,060.00
BIDDING SUMMARY									
SUBTOTAL DETENTION AND MASS GRADING ITEMS					\$400,113.20		\$404,766.25		\$489,598.00
SUBTOTAL DRAINAGE ITEMS					\$332,272.00		\$267,957.10		\$396,421.50
SUBTOTAL STORM WATER POLLUTION PREVENTION ITEMS					\$59,597.80		\$62,779.50		\$243,709.00
SUBTOTAL ACCESS ROAD ITEMS					\$48,406.00		\$53,468.40		\$52,586.00
SUBTOTAL MISCELLANEOUS ITEMS					\$175,555.00		\$309,661.00		\$266,683.00
TOTAL AMOUNT BASE BID					\$1,015,944.00		\$1,098,632.25		\$1,448,997.50
ALTERNATE ITEMS									
TOTAL AMOUNT BASE BID					\$1,015,944.00		\$1,098,632.25		\$1,448,997.50
SUBTOTAL ALTERNATE ITEMS					\$1,330,872.00		\$1,109,060.00		\$1,109,060.00
TOTAL AMOUNT INCLUDING ALTERNATE ITEMS					\$2,346,816.00		\$2,207,692.25		\$2,558,057.50

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LC CONSTRUCTION CONTRACT SERVICES, II

ITEM	DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST
DETENTION AND MASS GRADING ITEMS					
1	EXCAVATION OF PONDS 1-3, INCLUDES FINAL GRADING, STRIPPING, STOCKPILING OF STRIPPINGS, AND REAPPLYING STRIPPINGS TO FINAL GRADED AREAS, COMPLETE IN PLACE	CY	55453	\$4.00	\$221,812.00
2	EMBANKMENT OF PONDS 1-3, INCLUDES HAULING, COMPACTION TO 95% STANDARD PROCTOR DENSITY, STRIPPING, STOCKPILE STRIPPINGS, AND REAPPLYING STRIPPINGS, COMPLETE IN PLACE	CY	2664	\$3.00	\$7,992.00
3	EMBANKMENT OF FILL AREAS 1-3, INCLUDES HAULING, COMPACTION TO 95% STANDARD PROCTOR DENSITY, STRIPPING, STOCKPILE STRIPPINGS, MUCKING OF FILL AREA AND EXISTING SWALES AS NECESSARY TO ACHIEVE PROOFROLL (MAX 2 FOOT DEPTH), AND REAPPLYING STRIPPINGS, COMPLETE IN PLACE	CY	56634	\$4.00	\$226,536.00
4	EXCAVATION OF 12-FOOT AND 20-FOOT WIDTH V-BOTTOM SWALES (APPROX. 0.5 - 2.5 FOOT DEPTH), INCLUDES STRIPPING, STOCKPILING OF STRIPPINGS AND REAPPLYING STRIPPINGS TO FINAL GRADED AREAS, COMPLETE IN PLACE	LF	5320	\$8.00	\$42,560.00
5	1' DEEP EARTHEN PILOT CHANNEL, 3:1 SIDE SLOPES, COMPLETE IN PLACE	LF	1227	\$9.00	\$11,043.00
6	DEWATERING (GROUNDWATER CONTROL) TO COMPLETE THE CONSTRUCTION OF PONDS 1-3, INCLUDES CONVENTIONAL VACUUM TYPE WELL POINTS, INTERNAL SUMPS AND PUMPS, OR ANY TYPE OF PUMPING AS NECESSARY TO COMPLETE THE PROJECT, (AS DIRECTED BY ENGINEER), COMPLETE IN PLACE	AC	6	\$18,958.00	\$113,748.00
7	SURFACE WATER CONTROL, INCLUDES PUMPING REQUIRED TO CONSTRUCT PONDS AND COMPLETE THE PROJECT, COMPLETE IN PLACE	LS	1	\$18,354.00	\$18,354.00
DETENTION AND MASS GRADING ITEMS SUBTOTAL:					\$642,045.00
DRAINAGE ITEMS					
1	6" STEEL RESTRICTOR PLATE ON 24" RCP STORM SEWER, COMPLETE IN PLACE	EA	1	\$2,484.00	\$2,484.00
2	24" RCP STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, INCLUDES SCORING OF PIPE, COMPLETE IN PLACE	LF	1069	\$157.00	\$167,833.00
3	30" RCP STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, INCLUDES SCORING OF PIPE, COMPLETE IN PLACE	LF	128	\$215.00	\$27,520.00
4	36" RCP STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, INCLUDES SCORING OF PIPE, COMPLETE IN PLACE	LF	194	\$297.00	\$57,618.00
5	TYPE "C" MANHOLE FOR 42" STORM SEWER AND SMALLER, ALL DEPTHS, INCLUDES ADJUSTMENTS, COMPLETE IN PLACE	EA	3	\$4,474.00	\$13,422.00
6	TYPE "C" MANHOLE WITH TYPE "E" INLET TOP (ALL SIDES OPEN) FOR 42" STORM SEWER AND SMALLER, ALL DEPTHS, INCLUDES ADJUSTMENTS, COMPLETE IN PLACE	EA	7	\$9,649.00	\$67,543.00
7	7'X7' JUNCTION BOX WITH TYPE "C" MANHOLE TOP FOR 24" STORM SEWER, ALL DEPTHS, INCLUDES ADJUSTMENTS, COMPLETE IN PLACE	EA	1	\$13,496.00	\$13,496.00
8	4" REINFORCED CONCRETE SLOPE PAVING, INCLUDES 2' TOE WALL ON ALL SIDES, COMPLETE IN PLACE	SY	228	\$143.00	\$32,604.00
9	INSTALLATION OF 24" FLAP GATE FROM RODNEY HUNT, WATERMAN, HYDROGATE, OR APPROVED ALTERNATIVE, ON 24" RCP IN 7' X 7' JUNCTION BOX, CONTRACTOR REQUIRED TO PROVIDE SHOP DRAWINGS TO ENGINEER FOR APPROVAL, COMPLETE IN PLACE	EA	1	\$10,733.00	\$10,733.00
10	STANDARD HARRIS COUNTY FLOATABLE COLLECTION SCREEN ON UPSTREAM OPENING OF 6" RESTRICTOR, COMPLETE IN PLACE	EA	1	\$4,382.00	\$4,382.00

BID TABULATION FOR:

CONSTRUCTION OF DETENTION PONDS AND DRAINAGE
 TO SERVE CARPENTERS LANDING EAST
 HARRIS COUNTY MUNICIPAL UTILITY DISTRICT NO. 285
 CITY OF HOUSTON E.T.J., HARRIS COUNTY, TEXAS
 JUNE 12, 2024
 LJA ENGINEERING, INC.
 E. MURPHY
 JUNE 13, 2024
 2164-2311 (9.2)

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

LC CONSTRUCTION CONTRACT SERVICES, II

ITEM	DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST
11	STANDARD HARRIS COUNTY FLOATABLE COLLECTION SCREEN ON UPSTREAM OPENING OF 30" RCP STORM SEWER, COMPLETE IN PLACE	EA	1	\$4,882.00	\$4,882.00
12	TRENCH SAFETY, ALL DEPTHS, ALL SIZES, COMPLETE IN PLACE	LF	1391	\$0.10	\$139.10
13	8" THICK BRICK PLUG, ALL DEPTHS, ALL SIZES, COMPLETE IN PLACE	EA	1	\$568.00	\$568.00
DRAINAGE ITEMS SUBTOTAL:					\$403,224.10
STORM WATER POLLUTION PREVENTION ITEMS					
1	STORMWATER POLLUTION PREVENTION PLAN COMPLIANCE, INCLUDES CONTRACTOR'S BOOKLET, NOI AND NOT, COMPLETE IN PLACE	LS	1	\$3,250.00	\$3,250.00
2	INSTALLATION AND MAINTENANCE OF STABILIZED CONSTRUCTION EXIT, COMPLETE IN PLACE	EA	1	\$4,563.00	\$4,563.00
3	REMOVAL OF STABILIZED CONSTRUCTION EXIT, (AS DIRECTED BY ENGINEER), COMPLETE IN PLACE	EA	1	\$813.00	\$813.00
4	REINFORCED FILTER FABRIC FENCE, COMPLETE IN PLACE	LF	6472	\$3.00	\$19,416.00
5	REMOVAL OF REINFORCED FILTER FABRIC FENCE (AS DIRECTED BY ENGINEER), COMPLETE IN PLACE	LF	6472	\$1.00	\$6,472.00
6	MAINTAIN EXISTING FILTER FABRIC FENCE ALONG WALLISVILLE ROAD, COMPLETE IN PLACE	LF	801	\$3.00	\$2,403.00
7	REMOVAL OF EXISTING REINFORCED FILTER FABRIC FENCE, COMPLETE IN PLACE	LF	2490	\$1.00	\$2,490.00
8	HYDROMULCH SEEDING OF PONDS 1-3 FROM EDGE OF FUTURE DRAINAGE EASEMENT TO POND TOE & 12-FOOT AND 20-FOOT WIDTH V-BOTTOM SWALES, INCLUDES SEEDING, MOWING, AND WATERING TO ACHIEVE 90% HOMOGENOUS VEGETATION TO ACCEPT PROJECT FOR FINAL PAYMENT, COMPLETE IN PLACE	AC	8	\$5,076.00	\$40,608.00
9	HYDROMULCH SEEDING OF ROADSIDE DITCH, (AS DIRECTED BE ENGINEER), COMPLETE IN PLACE	AC	1	\$5,076.00	\$5,076.00
10	BROADCAST SEEDING OF FILL AREAS 1-3, INCLUDES SEEDING, MOWING, AND WATERING TO ACHIEVE 90% HOMOGENOUS VEGETATION TO ACCEPT PROJECT FOR FINAL PAYMENT, (AS DIRECTED BY ENGINEER), COMPLETE IN PLACE	AC	12	\$3,138.00	\$37,656.00
11	TYPE I ROCK FILTER DAM, COMPLETE IN PLACE	EA	4	\$2,063.00	\$8,252.00
12	STAGE I INLET PROTECTION BARRIER, COMPLETE IN PLACE	EA	7	\$156.00	\$1,092.00
13	STAGE II INLET PROTECTION BARRIER, COMPLETE IN PLACE	EA	7	\$281.00	\$1,967.00
14	ALLOWANCE TO INSTALL GREEN ARMOR 7010 ON POND 1 EMERGENCY OVERFLOW, TO BE CONFIRMED BY GEOTECH AND CHAMPIONS, COMPLETE IN PLACE	SY	81	\$44.00	\$3,564.00
15	ALLOWANCE TO ADD SOIL AMENDMENTS IN AREAS OF GREEN ARMOR PLACEMENT, (AS DIRECTED BY ENGINEER), TO BE CONFIRMED BY GEOTECH AND CHAMPIONS COMPLETE IN PLACE	SY	81	\$31.00	\$2,511.00
STORM WATER POLLUTION PREVENTION ITEMS SUBTOTAL:					\$140,133.00
ACCESS ROAD ITEMS					
1	30" RCP TONGUE AND GROOVE STORM SEWER CULVERT, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	44	\$192.00	\$8,448.00

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ITEM	DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST
2	SAFETY-END TREATMENT FOR 30" CULVERT, (AS DIRECTED BY ENGINEER), COMPLETE IN PLACE	EA	2	\$4,355.00	\$8,710.00
3	STANDARD PRECAST INLET, TYPE "D-1", ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$4,972.00	\$4,972.00
4	7" CRUSHED CONCRETE 24' ACCESS ROAD, COMPLETE IN PLACE	SY	533	\$27.00	\$14,391.00
5	8" CEMENT STABILIZED SUBGRADE (MANIPULATION), COMPLETE IN PLACE	SY	578	\$24.00	\$13,872.00
6	1' ASPHALT STRIP, COMPLETE IN PLACE	LF	75	\$13.00	\$975.00
7	SAWCUT AND CONNECT TO EXISTING PAVEMENT, COMPLETE IN PLACE	LF	75	\$6.00	\$450.00
8	REGRAIDING OF EXISTING ROADSIDE DITCH, COMPLETE IN PLACE	LF	44	\$10.00	\$440.00
9	ACCESS ROAD EMBANKMENT, INCLUDES STRIPPINGS, STOCKPILING OF STRIPPINGS, COMPACTION TO 95% STANDARD PROCTOR DENSITY, FINAL GRADING AND RE-APPLICATION OF STRIPPINGS, COMPLETE IN PLACE	CY	44	\$31.00	\$1,364.00
10	TRENCH SAFETY, COMPLETE IN PLACE	LF	44	\$0.13	\$5.72
ACCESS ROAD ITEMS SUBTOTAL:					\$53,627.72
MISCELLANEOUS ITEMS					
1	CLEARING AND GRUBBING OF FILL AREA 1, INCLUDES ROOT RAKING, BACK DRAGGING, AND OFF-SITE DISPOSAL TO EPA APPROVED DISPOSAL SITE, COMPLETE IN PLACE	AC	6	\$11,364.00	\$68,184.00
2	REMOVAL AND DISPOSAL OF EXISTING FENCES, ALL TYPES, INCLUDING PERIMETER FENCES (AS DIRECTED BY ENGINEER), COMPLETE IN PLACE	LF	3766	\$5.00	\$18,830.00
3	REMOVAL AND DISPOSAL OF EXISTING STORM SEWER PIPES, ALL SIZES, ALL DEPTHS, ALL MATERIALS, COMPLETE IN PLACE	LF	162	\$36.00	\$5,832.00
4	REMOVAL AND DISPOSAL OF EXISTING CENTERPOINT ENERGY POWER POLES, COMPLETE IN PLACE	EA	8	\$470.00	\$3,760.00
5	REMOVAL AND DISPOSAL OF EXISTING CENTERPOINT ENERGY OVERHEAD ELECTRIC LINE, COMPLETE IN PLACE	LF	545	\$4.00	\$2,180.00
6	REMOVAL AND DISPOSAL OF EXISTING ASPHALT ROAD, COMPLETE IN PLACE	SY	426	\$2.00	\$852.00
7	REMOVAL AND DISPOSAL OF EXISTING GRAVEL ROAD, COMPLETE IN PLACE	SY	2669	\$5.00	\$13,345.00
8	REMOVAL AND DISPOSAL OF EXISTING CONCRETE ROAD, COMPLETE IN PLACE	SY	603	\$10.00	\$6,030.00
9	DEMUCK AND FILL EXISTING DITCHES, COMPLETE IN PLACE	LF	2800	\$8.00	\$22,400.00
10	REMOVAL AND DISPOSAL OF EXISTING CONCRETE PAD, COMPLETE IN PLACE	SY	375	\$10.00	\$3,750.00
11	REMOVAL AND DISPOSAL OF EXISTING MISCELLANEOUS STRUCTURES AND UTILITY LINES, COMPLETE IN PLACE	LS	1	\$193,703.00	\$193,703.00
12	EXTRA CEMENT STABILIZED SAND BACKFILL, (2.0 SACKS OF CEMENT PER CUBIC YARD CEMENT STABILIZED SAND), (AS DIRECTED BY ENGINEER), COMPLETE IN PLACE	CY	20	\$12.00	\$240.00
13	AS-BUILT SURVEY OF FILL AREAS 1-3 AND ALL SWALES, CONTRACTOR'S SURVEYOR TO PROVIDE TOPOGRAPHIC SURVEY SEALED BY A TEXAS REGISTERED SURVEYOR, GRID SPACING SHALL BE 100-FT MAXIMUM, INCLUDES ALL HIGH BANKS, GRADE BREAKS, FLOWLINES, AND GRADING FEATURES IN A 3D CAD FILE, (AS DIRECTED BY ENGINEER), COMPLETE IN PLACE	LS	1	\$16,563.00	\$16,563.00

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LC CONSTRUCTION CONTRACT SERVICES, II

ITEM	DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST
14	AS-BUILT SURVEY OF PONDS 1-3, INCLUDES BUT NOT LIMITED TO HIGH BANK, POND TOE, PILOT CHANNEL FLOWLINE, OUTFALL FLOWLINE, GRADE BREAKS, MANHOLE RIM & FLOWLINES, CONTRACTOR'S SURVEYOR TO PROVIDE TOPOGRAPHIC SURVEY SEALED BY A TEXAS REGISTERED SURVEYOR, AND A 3D CAD FILE, (AS DIRECTED BY ENGINEER), COMPLETE IN PLACE	LS	1	\$16,563.00	\$16,563.00
15	UTILITY SPOILS TO BE PLACED AND COMPACTED TO 95% STANDARD PROCTOR DENSITY, ON SITE, INCLUDES STRIPPING, STOCKPILING OF STRIPPINGS AND REAPPLYING STRIPPINGS TO FINAL GRADED AREAS, COMPLETE IN PLACE	CY	1218	\$4.00	\$4,872.00
16	TEMPORARY TRAFFIC CONTROL DEVICES (INCLUDES ALL TRAFFIC BUTTONS, PAVEMENT STRIPING, STREET SIGNS, AND TRAFFIC SIGNS), COMPLETE IN PLACE	LS	1	\$6,250.00	\$6,250.00
17	WET SAND BEDDING FOR UNSTABLE SUBGRADE FOR STORM SEWER AS PER CITY OF HOUSTON DRAWING NO. 02317-02, (AS DIRECTED BY ENGINEER), COMPLETE IN PLACE	LF	100	\$5.00	\$500.00
18	CRUSHED STONE SUPPORT FOR MANHOLE IN UNSTABLE SUBGRADE (AS DIRECTED BY ENGINEER), COMPLETE IN PLACE	EA	1	\$5.00	\$5.00
19	CONCRETE TRUCK WASHOUT, INCLUDES INSTALLATION, MAINTENANCE, AND REMOVAL, (AS DIRECTED BY ENGINEER), COMPLETE IN PLACE	EA	1	\$813.00	\$813.00
MISCELLANEOUS ITEMS SUBTOTAL:					\$384,672.00
ALTERNATE ITEMS					
1	OFF-SITE DISPOSAL OF PONDS 1+3 EXCAVATION, COMPLETE IN PLACE	CY	55453	\$25.00	\$1,386,325.00
ALTERNATE ITEMS SUBTOTAL:					\$1,386,325.00
BIDDING SUMMARY					
SUBTOTAL DETENTION AND MASS GRADING ITEMS					\$642,045.00
SUBTOTAL DRAINAGE ITEMS					\$403,224.10
SUBTOTAL STORM WATER POLLUTION PREVENTION ITEMS					\$140,133.00
SUBTOTAL ACCESS ROAD ITEMS					\$53,627.72
SUBTOTAL MISCELLANEOUS ITEMS					\$384,672.00
TOTAL AMOUNT BASE BID					\$1,623,701.82
ALTERNATE ITEMS					
TOTAL AMOUNT BASE BID					\$1,623,701.82
SUBTOTAL ALTERNATE ITEMS					\$1,386,325.00
TOTAL AMOUNT INCLUDING ALTERNATE ITEMS					\$3,010,026.82