

BID TABULATION FOR:

CONSTRUCTION OF THE BRIDGE, PAVING AND APPURTENANCES
TO SERVE ORCHARD PARK LANE PHASE 1
BRAZORIA COUNTY MUNICIPAL UTILITY DISTRICT NO. 39
CITY OF MANVEL E.T.J., BRAZORIA COUNTY, TEXAS
OCTOBER 23, 2020
LJA ENGINEERING, INC.
D. FORREST
OCTOBER 23, 2020
2149-8005P (9.2)

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

| BIDDER'S NAME | TOTAL AMOUNT BID | BID INCLUDING ALTERNATE BID ITEMS | CALENDAR DAYS |
|--|------------------|-----------------------------------|---------------|
| 1) RAGLE INC | \$2,191,926.80 | \$2,246,351.80 | 140/160 |
| 2) EARTH BUILDERS, L.P. | \$2,205,618.35 | \$2,246,981.35 | 150/180 |
| 3) JOHN REED AND COMPANY LLC | \$2,256,590.40 | \$2,300,130.40 | 210/240 |
| 4) ARANDA BROTHERS CONSTRUCTION CO., INC | \$2,399,497.90 | \$2,475,692.90 | 150/180 |
| 5) HARPER BROTHERS CONSTRUCTION, LLC | \$2,429,904.39 | \$2,473,444.39 | 150/180 |
| 6) NBG CONSTRUCTORS INC | \$2,446,091.60 | \$2,485,277.60 | 150/180 |



I, Adrian R. Todsen, P.E., hereby certify these bid tabulations to be true and correct.



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| ITEM | DESCRIPTION | UNIT | QTY | 1) RAGLE INC | | 2) EARTH BUILDERS, L.P. | | 3) JOHN REED AND COMPANY LLC | |
|-------------------------------|--|------|---------|--------------|-----------------------|-------------------------|-----------------------|------------------------------|-----------------------|
| | | | | UNIT COST | TOTAL COST | UNIT COST | TOTAL COST | UNIT COST | TOTAL COST |
| BRIDGE ITEMS | | | | | | | | | |
| 1 | CEMENT STABILIZED SAND BACKFILL, COMPLETE IN PLACE | CY | 121.1 | \$80.00 | \$9,688.00 | \$70.00 | \$8,477.00 | \$50.00 | \$6,055.00 |
| 2 | 36" DIAMETER DRILLED SHAFTS, COMPLETE IN PLACE | LF | 1190 | \$212.00 | \$252,280.00 | \$195.00 | \$232,050.00 | \$275.00 | \$327,250.00 |
| 3 | CLASS "C" CONCRETE - ABUTMENTS, COMPLETE IN PLACE | CY | 84.4 | \$740.00 | \$62,456.00 | \$1,000.00 | \$84,400.00 | \$1,500.00 | \$126,600.00 |
| 4 | CLASS "C" CONCRETE - CAP, COMPLETE IN PLACE | CY | 75.5 | \$850.00 | \$64,175.00 | \$1,000.00 | \$75,500.00 | \$1,500.00 | \$113,250.00 |
| 5 | CLASS "C" CONCRETE - COLUMN, COMPLETE IN PLACE | CY | 33.4 | \$800.00 | \$26,720.00 | \$1,000.00 | \$33,400.00 | \$1,500.00 | \$50,100.00 |
| 6 | CLASS "S" CONCRETE - SLAB (8 1/2"), COMPLETE IN PLACE | SF | 15000 | \$18.00 | \$270,000.00 | \$21.00 | \$315,000.00 | \$18.00 | \$270,000.00 |
| 7 | CLASS "S" CONCRETE - BRIDGE SIDEWALK, COMPLETE IN PLACE | SF | 5000 | \$8.00 | \$40,000.00 | \$8.00 | \$40,000.00 | \$15.00 | \$75,000.00 |
| 8 | CLASS "S" CONCRETE - APPROACH SLAB, COMPLETE IN PLACE | CY | 136 | \$480.00 | \$65,280.00 | \$600.00 | \$81,600.00 | \$800.00 | \$108,800.00 |
| 9 | CAST-IN-PLACE CONCRETE RETAINING WALL (SPREAD FOOTING), INCLUDES CAST-IN-PLACE FOOTING, COMPLETE IN PLACE | SF | 1306 | \$100.00 | \$130,600.00 | \$72.00 | \$94,032.00 | \$50.00 | \$65,300.00 |
| 10 | PRESTRESSED CONCRETE I GIRDERS - TX 28, COMPLETE IN PLACE | LF | 1251.42 | \$110.00 | \$137,656.20 | \$130.00 | \$162,684.60 | \$180.00 | \$225,255.60 |
| 11 | PRESTRESSED CONCRETE I GIRDERS - TX 46, COMPLETE IN PLACE | LF | 985.41 | \$126.00 | \$124,161.66 | \$175.00 | \$172,446.75 | \$180.00 | \$177,373.80 |
| 12 | 6" REINFORCED CONCRETE RIPRAP, PER DETAIL IN THE PLANS, COMPLETE IN PLACE | CY | 148.2 | \$450.00 | \$66,690.00 | \$600.00 | \$88,920.00 | \$300.00 | \$44,460.00 |
| 13 | BRIDGE SIDEWALK EXPANSION JOINT COVER PLATE, INCLUDES ALL NECESSARY APPURTENANCES, COMPLETE IN PLACE | LB | 428 | \$16.00 | \$6,848.00 | \$12.00 | \$5,136.00 | \$8.00 | \$3,424.00 |
| 14 | SEALED EXPANSION JOINT - TYPE "M", COMPLETE IN PLACE | LF | 84 | \$85.00 | \$7,140.00 | \$120.00 | \$10,080.00 | \$79.00 | \$6,636.00 |
| 15 | STEEL RAIL - VEHICULAR, COMPLETE IN PLACE | LF | 726 | \$105.00 | \$76,230.00 | \$140.00 | \$101,640.00 | \$150.00 | \$108,900.00 |
| 16 | CLASS "C" CONCRETE - VEHICULAR RAIL FOUNDATION, COMPLETE IN PLACE | CY | 6.6 | \$400.00 | \$2,640.00 | \$500.00 | \$3,300.00 | \$900.00 | \$5,940.00 |
| BRIDGE ITEMS SUBTOTAL: | | | | | \$1,342,564.86 | | \$1,508,666.35 | | \$1,714,344.40 |
| ROADWAY ITEMS | | | | | | | | | |
| 1 | 7" REINFORCED CONCRETE PAVEMENT, COMPLETE IN PLACE | SY | 1221 | \$50.00 | \$61,050.00 | \$65.00 | \$79,365.00 | \$25.00 | \$30,525.00 |
| 2 | 10" LIME STABILIZED SUBGRADE (MANIPULATION), COMPLETE IN PLACE | SY | 1294 | \$7.00 | \$9,058.00 | \$10.00 | \$12,940.00 | \$3.00 | \$3,882.00 |
| 3 | HYDRATED LIME FOR 10" STABILIZED SUBGRADE (7% LIME BY WEIGHT, 58 LBS/SY), AS REQUIRED BY SOIL CONDITIONS, AND APPROVED BY GEOTECHNICAL ENGINEER, COMPLETE IN PLACE | TON | 38 | \$145.00 | \$5,510.00 | \$200.00 | \$7,600.00 | \$180.00 | \$6,840.00 |
| 4 | 6" REINFORCED CONCRETE CURB, COMPLETE IN PLACE | LF | 494 | \$7.00 | \$3,458.00 | \$6.00 | \$2,964.00 | \$10.00 | \$4,940.00 |
| 5 | ROADWAY EXCAVATION TO BE USED FOR FILL TO FINAL GRADE WITHIN THE PROJECT LIMITS, INCLUDES STRIPPING, STOCKPILING OF STRIPPINGS, HAUL, PLACEMENT AND COMPACTION OF MATERIALS TO 95% STANDARD PROCTOR DENSITY AND RE-APPLICATION OF STRIPPINGS, COMPLETE IN PLACE | CY | 5577 | \$30.00 | \$167,310.00 | \$8.00 | \$44,616.00 | \$10.00 | \$55,770.00 |
| 6 | CUSTOM POMONA TRAFFIC CONTROL SIGN AND POST IN ACCORDANCE WITH THE POMONA CUSTOM STREET SIGN DETAIL, INCLUDES STOP SIGNS, STREET NAME SIGNS WITH "NO OUTLET" IF NEEDED, DIRECTIONAL SIGNS WITH SUPPLEMENTS, ETC. (SIGNS AND POSTS TO BE PROVIDED BY ONE WAY STRIPPINGS AND SIGNS), COMPLETE IN PLACE | EA | 4 | \$418.00 | \$1,672.00 | \$500.00 | \$2,000.00 | \$480.00 | \$1,920.00 |

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| ITEM | DESCRIPTION | UNIT | QTY | 1) RAGLE INC | | 2) EARTH BUILDERS, L.P. | | 3) JOHN REED AND COMPANY LLC | |
|--------------------------------------|--|------|-----|--------------|---------------------|-------------------------|---------------------|------------------------------|---------------------|
| | | | | UNIT COST | TOTAL COST | UNIT COST | TOTAL COST | UNIT COST | TOTAL COST |
| 7 | PERMANENT TRAFFIC CONTROL DEVICES (INCLUDES TRAFFIC BUTTONS, PAVEMENT STRIPING, ETC.), COMPLETE IN PLACE | LS | 1 | \$125,000.00 | \$125,000.00 | \$3,800.00 | \$3,800.00 | \$5,404.00 | \$5,404.00 |
| 8 | WHEELCHAIR RAMPS, TYPE 7, PER TXDOT PED-12A, COMPLETE IN PLACE | EA | 6 | \$1,600.00 | \$9,600.00 | \$1,500.00 | \$9,000.00 | \$2,000.00 | \$12,000.00 |
| 9 | 4 1/2" THICK REINFORCED CONCRETE SIDEWALK, WIDTH PER PLANS, INCLUDES SAND BEDDING, COMPLETE IN PLACE | SY | 473 | \$52.00 | \$24,596.00 | \$65.00 | \$30,745.00 | \$90.00 | \$42,570.00 |
| 10 | INSTALL TYPE III BARRICADE, COMPLETE IN PLACE | EA | 3 | \$425.00 | \$1,275.00 | \$850.00 | \$2,550.00 | \$950.00 | \$2,850.00 |
| 11 | INSTALL AND REMOVE TEMPORARY TYPE III BARRICADE, COMPLETE IN PLACE | EA | 2 | \$400.00 | \$800.00 | \$400.00 | \$800.00 | \$370.00 | \$740.00 |
| 12 | REMOVE AND DISPOSE OF EXISTING SIDEWALK, COMPLETE IN PLACE | SY | 297 | \$12.00 | \$3,564.00 | \$8.00 | \$2,376.00 | \$3.00 | \$891.00 |
| 13 | REMOVE AND DISPOSE OF EXISTING WHEELCHAIR RAMP, COMPLETE IN PLACE | EA | 1 | \$380.00 | \$380.00 | \$250.00 | \$250.00 | \$100.00 | \$100.00 |
| 14 | REMOVE AND DISPOSE OF EXISTING 8" REINFORCED CONCRETE PAVEMENT, INCLUDES FULL DEPTH SAWCUT, COMPLETE IN PLACE | SY | 26 | \$25.00 | \$650.00 | \$15.00 | \$390.00 | \$38.00 | \$988.00 |
| 15 | REMOVE AND DISPOSE OF EXISTING 6" REINFORCED CONCRETE CURB, COMPLETE IN PLACE | LF | 114 | \$3.25 | \$370.50 | \$8.00 | \$912.00 | \$2.00 | \$228.00 |
| 16 | CONNECT PROPOSED 7" REINFORCED CONCRETE PAVEMENT TO EXISTING 8" REINFORCED CONCRETE PAVEMENT, COMPLETE IN PLACE | LF | 122 | \$8.50 | \$1,037.00 | \$30.00 | \$3,660.00 | \$5.00 | \$610.00 |
| 17 | IRRIGATION SLEEVE, 6" PVC SCHEDULE 40, INCLUDES PVC END CAPS, COMPLETE IN PLACE | LF | 242 | \$8.00 | \$1,936.00 | \$15.00 | \$3,630.00 | \$6.00 | \$1,452.00 |
| 18 | TEMPORARY TRAFFIC CONTROL PLAN, INCLUDES INSTALLATION, IMPLEMENTATION AND REMOVAL UPON COMPLETION, COMPLETE IN PLACE | LS | 1 | \$11,000.00 | \$11,000.00 | \$5,500.00 | \$5,500.00 | \$5,000.00 | \$5,000.00 |
| ROADWAY ITEMS SUBTOTAL: | | | | | \$428,266.50 | | \$213,098.00 | | \$176,710.00 |
| MISCELLANEOUS ITEMS | | | | | | | | | |
| 1 | HYDROMULCH SEEDING OF R.O.W. (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE | AC | 1 | \$1,500.00 | \$1,500.00 | \$1,900.00 | \$1,900.00 | \$1,500.00 | \$1,500.00 |
| 2 | HYDROMULCH SEEDING AND FINE GRADING OF MUSTANG BAYOU R.O.W., COMPLETE IN PLACE | AC | 1 | \$3,500.00 | \$3,500.00 | \$1,900.00 | \$1,900.00 | \$1,500.00 | \$1,500.00 |
| 3 | INSTALLATION, MAINTENANCE, AND REMOVAL OF LOW WATER CROSSING USING 8 - 8'X16' TIMBER MATS, COMPLETE IN PLACE | LS | 1 | \$3,500.00 | \$3,500.00 | \$14,000.00 | \$14,000.00 | \$8,000.00 | \$8,000.00 |
| 4 | ADDITIONAL 8'X16' TIMBER MAT FOR LOW WATER CROSSING, (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE | EA | 1 | \$500.00 | \$500.00 | \$500.00 | \$500.00 | \$1,000.00 | \$1,000.00 |
| MISCELLANEOUS ITEMS SUBTOTAL: | | | | | \$9,000.00 | | \$18,300.00 | | \$12,000.00 |
| SWPPP ITEMS | | | | | | | | | |
| 1 | STORM WATER POLLUTION PREVENTION PLAN COMPLIANCE AND INSPECTION, COMPLETE IN PLACE | LS | 1 | \$50,000.00 | \$50,000.00 | \$2,500.00 | \$2,500.00 | \$1,000.00 | \$1,000.00 |
| 2 | INSTALLATION, MAINTENANCE AND REMOVAL OF CONCRETE TRUCK WASHOUT PIT, COMPLETE IN PLACE | EA | 1 | \$900.00 | \$900.00 | \$1,500.00 | \$1,500.00 | \$1,000.00 | \$1,000.00 |
| 3 | INSTALLATION, MAINTENANCE AND REMOVAL OF STABILIZED CONSTRUCTION ENTRANCE, COMPLETE IN PLACE | EA | 1 | \$2,500.00 | \$2,500.00 | \$3,000.00 | \$3,000.00 | \$2,500.00 | \$2,500.00 |
| 4 | TYPE III INLET PROTECTION BARRIERS, COMPLETE IN PLACE | EA | 3 | \$50.00 | \$150.00 | \$50.00 | \$150.00 | \$50.00 | \$150.00 |

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| ITEM | DESCRIPTION | UNIT | QTY | 1) RAGLE INC | | 2) EARTH BUILDERS, L.P. | | 3) JOHN REED AND COMPANY LLC | |
|---|--|------|------|--------------|-----------------------|-------------------------|-----------------------|------------------------------|--------------|
| | | | | UNIT COST | TOTAL COST | UNIT COST | TOTAL COST | UNIT COST | TOTAL COST |
| 5 | INSTALLATION, MAINTENANCE AND REMOVAL OF REINFORCED FILTER FABRIC FENCE, COMPLETE IN PLACE | LF | 1802 | \$2.50 | \$4,505.00 | \$2.00 | \$3,604.00 | \$3.00 | \$5,406.00 |
| SWPPP ITEMS SUBTOTAL: | | | | | \$58,055.00 | \$10,754.00 | \$10,056.00 | | |
| ELECTRICAL ITEMS | | | | | | | | | |
| 1 | FURNISH AND INSTALL ELECTRICAL SERVICE, INCLUDES SERVICE RACK AND ALL NECESSARY WIRE, CONDUIT, DUCT BANK, PULL BOXES, FOUNDATIONS, RISERS, GFCI RECEPTACLES, CONTROLS, APPURTENANCES AND TESTING REQUIRED FOR A COMPLETE AND OPERATIONAL SYSTEM, COMPLETE IN PLACE | LS | 1 | \$200,000.00 | \$200,000.00 | \$200,000.00 | \$200,000.00 | \$150,000.00 | \$150,000.00 |
| 2 | FURNISH AND INSTALL LIGHTS (TYPE L.1) PER ARCHITECTURAL DETAILS, COMPLETE IN PLACE | EA | 4 | \$1,086.94 | \$4,347.76 | \$6,500.00 | \$26,000.00 | \$1,000.00 | \$4,000.00 |
| 3 | FURNISH AND INSTALL LIGHTS (TYPE L.2) PER ARCHITECTURAL DETAILS, COMPLETE IN PLACE | EA | 12 | \$844.39 | \$10,132.68 | \$1,400.00 | \$16,800.00 | \$1,000.00 | \$12,000.00 |
| ELECTRICAL ITEMS SUBTOTAL: | | | | | \$214,480.44 | \$242,800.00 | \$166,000.00 | | |
| ARCHITECTURAL ITEMS | | | | | | | | | |
| 1 | COLUMN TYPE 1, COMPLETE IN PLACE | EA | 8 | \$2,020.00 | \$16,160.00 | \$6,000.00 | \$48,000.00 | \$4,500.00 | \$36,000.00 |
| 2 | COLUMN TYPE 2, COMPLETE IN PLACE | EA | 4 | \$2,850.00 | \$11,400.00 | \$5,000.00 | \$20,000.00 | \$3,850.00 | \$15,400.00 |
| 3 | PEDESTRIAN RAILING AND POSTS, COMPLETE IN PLACE | LF | 640 | \$175.00 | \$112,000.00 | \$225.00 | \$144,000.00 | \$197.00 | \$126,080.00 |
| ARCHITECTURAL ITEMS SUBTOTAL: | | | | | \$139,560.00 | \$212,000.00 | \$177,480.00 | | |
| ALTERNATE BID ITEMS | | | | | | | | | |
| 1 | STEEL SHEET PILING FACADE FOR RETAINING WALLS, LBF 1807 GR 36 OR APPROVED EQUAL, INCLUDES ANCHORS AND ALL APPURTENANCES, COMPLETE IN PLACE | SF | 2177 | \$25.00 | \$54,425.00 | \$19.00 | \$41,363.00 | \$20.00 | \$43,540.00 |
| ALTERNATE BID ITEMS SUBTOTAL: | | | | | \$54,425.00 | \$41,363.00 | \$43,540.00 | | |
| BIDDING SUMMARY | | | | | | | | | |
| SUBTOTAL BRIDGE ITEMS | | | | | \$1,342,564.86 | \$1,508,666.35 | \$1,714,344.40 | | |
| SUBTOTAL ROADWAY ITEMS | | | | | \$428,266.50 | \$213,098.00 | \$176,710.00 | | |
| SUBTOTAL MISCELLANEOUS ITEMS | | | | | \$9,000.00 | \$18,300.00 | \$12,000.00 | | |
| SUBTOTAL SWPPP ITEMS | | | | | \$58,055.00 | \$10,754.00 | \$10,056.00 | | |
| SUBTOTAL ELECTRICAL ITEMS | | | | | \$214,480.44 | \$242,800.00 | \$166,000.00 | | |
| SUBTOTAL ARCHITECTURAL ITEMS | | | | | \$139,560.00 | \$212,000.00 | \$177,480.00 | | |
| TOTAL AMOUNT BASE BID | | | | | \$2,191,926.80 | \$2,205,618.35 | \$2,256,590.40 | | |
| ALTERNATE BID ITEMS | | | | | | | | | |
| TOTAL AMOUNT BASE BID | | | | | \$2,191,926.80 | \$2,205,618.35 | \$2,256,590.40 | | |
| SUBTOTAL ALTERNATE BID ITEMS | | | | | \$54,425.00 | \$41,363.00 | \$43,540.00 | | |
| TOTAL AMOUNT INCLUDING ALTERNATE BID ITEMS | | | | | \$2,246,351.80 | \$2,246,981.35 | \$2,300,130.40 | | |

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| ITEM | DESCRIPTION | UNIT | QTY | 4) ARANDA BROTHERS CONSTRUCTION CO., INC | | 5) HARPER BROTHERS CONSTRUCTION, LLC | | 6) NBG CONSTRUCTORS INC | |
|-------------------------------|--|------|---------|--|-----------------------|--------------------------------------|-----------------------|-------------------------|-----------------------|
| | | | | UNIT COST | TOTAL COST | UNIT COST | TOTAL COST | UNIT COST | TOTAL COST |
| BRIDGE ITEMS | | | | | | | | | |
| 1 | CEMENT STABILIZED SAND BACKFILL, COMPLETE IN PLACE | CY | 121.1 | \$65.00 | \$7,871.50 | \$80.00 | \$9,688.00 | \$60.00 | \$7,266.00 |
| 2 | 36" DIAMETER DRILLED SHAFTS, COMPLETE IN PLACE | LF | 1190 | \$340.00 | \$404,600.00 | \$275.00 | \$327,250.00 | \$300.00 | \$357,000.00 |
| 3 | CLASS "C" CONCRETE - ABUTMENTS, COMPLETE IN PLACE | CY | 84.4 | \$1,000.00 | \$84,400.00 | \$1,675.00 | \$141,370.00 | \$1,200.00 | \$101,280.00 |
| 4 | CLASS "C" CONCRETE - CAP, COMPLETE IN PLACE | CY | 75.5 | \$1,120.00 | \$84,560.00 | \$1,100.00 | \$83,050.00 | \$1,200.00 | \$90,600.00 |
| 5 | CLASS "C" CONCRETE - COLUMN, COMPLETE IN PLACE | CY | 33.4 | \$1,100.00 | \$36,740.00 | \$1,500.00 | \$50,100.00 | \$1,200.00 | \$40,080.00 |
| 6 | CLASS "S" CONCRETE - SLAB (8 1/2"), COMPLETE IN PLACE | SF | 15000 | \$17.25 | \$258,750.00 | \$17.00 | \$255,000.00 | \$18.00 | \$270,000.00 |
| 7 | CLASS "S" CONCRETE - BRIDGE SIDEWALK, COMPLETE IN PLACE | SF | 5000 | \$8.00 | \$40,000.00 | \$8.00 | \$40,000.00 | \$10.00 | \$50,000.00 |
| 8 | CLASS "S" CONCRETE - APPROACH SLAB, COMPLETE IN PLACE | CY | 136 | \$425.00 | \$57,800.00 | \$500.00 | \$68,000.00 | \$450.00 | \$61,200.00 |
| 9 | CAST-IN-PLACE CONCRETE RETAINING WALL (SPREAD FOOTING), INCLUDES CAST-IN-PLACE FOOTING, COMPLETE IN PLACE | SF | 1306 | \$47.00 | \$61,382.00 | \$120.00 | \$156,720.00 | \$78.00 | \$101,868.00 |
| 10 | PRESTRESSED CONCRETE I GIRDERS - TX 28, COMPLETE IN PLACE | LF | 1251.42 | \$210.00 | \$262,798.20 | \$170.00 | \$212,741.40 | \$200.00 | \$250,284.00 |
| 11 | PRESTRESSED CONCRETE I GIRDERS - TX 46, COMPLETE IN PLACE | LF | 985.41 | \$220.00 | \$216,790.20 | \$175.00 | \$172,446.75 | \$210.00 | \$206,936.10 |
| 12 | 6" REINFORCED CONCRETE RIPRAP, PER DETAIL IN THE PLANS, COMPLETE IN PLACE | CY | 148.2 | \$315.00 | \$46,683.00 | \$545.00 | \$80,769.00 | \$400.00 | \$59,280.00 |
| 13 | BRIDGE SIDEWALK EXPANSION JOINT COVER PLATE, INCLUDES ALL NECESSARY APPURTENANCES, COMPLETE IN PLACE | LB | 428 | \$15.00 | \$6,420.00 | \$35.00 | \$14,980.00 | \$14.00 | \$5,992.00 |
| 14 | SEALED EXPANSION JOINT - TYPE "M", COMPLETE IN PLACE | LF | 84 | \$125.00 | \$10,500.00 | \$170.00 | \$14,280.00 | \$110.00 | \$9,240.00 |
| 15 | STEEL RAIL - VEHICULAR, COMPLETE IN PLACE | LF | 726 | \$175.00 | \$127,050.00 | \$150.00 | \$108,900.00 | \$160.00 | \$116,160.00 |
| 16 | CLASS "C" CONCRETE - VEHICULAR RAIL FOUNDATION, COMPLETE IN PLACE | CY | 6.6 | \$800.00 | \$5,280.00 | \$450.00 | \$2,970.00 | \$1,100.00 | \$7,260.00 |
| BRIDGE ITEMS SUBTOTAL: | | | | | \$1,711,624.90 | | \$1,738,265.15 | | \$1,734,446.10 |
| ROADWAY ITEMS | | | | | | | | | |
| 1 | 7" REINFORCED CONCRETE PAVEMENT, COMPLETE IN PLACE | SY | 1221 | \$55.00 | \$67,155.00 | \$55.00 | \$67,155.00 | \$70.00 | \$85,470.00 |
| 2 | 10" LIME STABILIZED SUBGRADE (MANIPULATION), COMPLETE IN PLACE | SY | 1294 | \$4.00 | \$5,176.00 | \$10.00 | \$12,940.00 | \$4.00 | \$5,176.00 |
| 3 | HYDRATED LIME FOR 10" STABILIZED SUBGRADE (7% LIME BY WEIGHT, 58 LBS/SY), AS REQUIRED BY SOIL CONDITIONS, AND APPROVED BY GEOTECHNICAL ENGINEER, COMPLETE IN PLACE | TON | 38 | \$185.00 | \$7,030.00 | \$177.00 | \$6,726.00 | \$300.00 | \$11,400.00 |
| 4 | 6" REINFORCED CONCRETE CURB, COMPLETE IN PLACE | LF | 494 | \$6.50 | \$3,211.00 | \$3.00 | \$1,482.00 | \$5.00 | \$2,470.00 |
| 5 | ROADWAY EXCAVATION TO BE USED FOR FILL TO FINAL GRADE WITHIN THE PROJECT LIMITS, INCLUDES STRIPPING, STOCKPILING OF STRIPPINGS, HAUL, PLACEMENT AND COMPACTION OF MATERIALS TO 95% STANDARD PROCTOR DENSITY AND RE-APPLICATION OF STRIPPINGS, COMPLETE IN PLACE | CY | 5577 | \$15.00 | \$83,655.00 | \$15.00 | \$83,655.00 | \$4.50 | \$25,096.50 |
| 6 | CUSTOM POMONA TRAFFIC CONTROL SIGN AND POST IN ACCORDANCE WITH THE POMONA CUSTOM STREET SIGN DETAIL, INCLUDES STOP SIGNS, STREET NAME SIGNS WITH "NO OUTLET" IF NEEDED, DIRECTIONAL SIGNS WITH SUPPLEMENTS, ETC. (SIGNS AND POSTS TO BE PROVIDED BY ONE WAY STRIPPINGS AND SIGNS), COMPLETE IN PLACE | EA | 4 | \$850.00 | \$3,400.00 | \$479.31 | \$1,917.24 | \$500.00 | \$2,000.00 |

BID TABULATION FOR:

CONSTRUCTION OF THE BRIDGE, PAVING AND APPURTENANCES
 TO SERVE ORCHARD PARK LANE PHASE 1
 BRAZORIA COUNTY MUNICIPAL UTILITY DISTRICT NO. 39
 CITY OF MANVEL E.T.J., BRAZORIA COUNTY, TEXAS
 OCTOBER 23, 2020
 LJA ENGINEERING, INC.
 D. FORREST
 OCTOBER 23, 2020
 2149-8005P (9.2)

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

| ITEM | DESCRIPTION | UNIT | QTY | 4) ARANDA BROTHERS CONSTRUCTION CO., INC | | 5) HARPER BROTHERS CONSTRUCTION, LLC | | 6) NBG CONSTRUCTORS INC | |
|--------------------------------------|--|------|-----|--|---------------------|--------------------------------------|---------------------|-------------------------|---------------------|
| | | | | UNIT COST | TOTAL COST | UNIT COST | TOTAL COST | UNIT COST | TOTAL COST |
| 7 | PERMANENT TRAFFIC CONTROL DEVICES (INCLUDES TRAFFIC BUTTONS, PAVEMENT STRIPING, ETC.), COMPLETE IN PLACE | LS | 1 | \$3,750.00 | \$3,750.00 | \$5,404.00 | \$5,404.00 | \$6,000.00 | \$6,000.00 |
| 8 | WHEELCHAIR RAMPS, TYPE 7, PER TXDOT PED-12A, COMPLETE IN PLACE | EA | 6 | \$1,650.00 | \$9,900.00 | \$1,700.00 | \$10,200.00 | \$1,000.00 | \$6,000.00 |
| 9 | 4 1/2" THICK REINFORCED CONCRETE SIDEWALK, WIDTH PER PLANS, INCLUDES SAND BEDDING, COMPLETE IN PLACE | SY | 473 | \$70.00 | \$33,110.00 | \$65.00 | \$30,745.00 | \$50.00 | \$23,650.00 |
| 10 | INSTALL TYPE III BARRICADE, COMPLETE IN PLACE | EA | 3 | \$850.00 | \$2,550.00 | \$950.00 | \$2,850.00 | \$1,000.00 | \$3,000.00 |
| 11 | INSTALL AND REMOVE TEMPORARY TYPE III BARRICADE, COMPLETE IN PLACE | EA | 2 | \$300.00 | \$600.00 | \$370.00 | \$740.00 | \$600.00 | \$1,200.00 |
| 12 | REMOVE AND DISPOSE OF EXISTING SIDEWALK, COMPLETE IN PLACE | SY | 297 | \$10.00 | \$2,970.00 | \$4.00 | \$1,188.00 | \$10.00 | \$2,970.00 |
| 13 | REMOVE AND DISPOSE OF EXISTING WHEELCHAIR RAMP, COMPLETE IN PLACE | EA | 1 | \$250.00 | \$250.00 | \$150.00 | \$150.00 | \$300.00 | \$300.00 |
| 14 | REMOVE AND DISPOSE OF EXISTING 8" REINFORCED CONCRETE PAVEMENT, INCLUDES FULL DEPTH SAWCUT, COMPLETE IN PLACE | SY | 26 | \$10.00 | \$260.00 | \$10.00 | \$260.00 | \$80.00 | \$2,080.00 |
| 15 | REMOVE AND DISPOSE OF EXISTING 6" REINFORCED CONCRETE CURB, COMPLETE IN PLACE | LF | 114 | \$5.00 | \$570.00 | \$2.00 | \$228.00 | \$2.00 | \$228.00 |
| 16 | CONNECT PROPOSED 7" REINFORCED CONCRETE PAVEMENT TO EXISTING 8" REINFORCED CONCRETE PAVEMENT, COMPLETE IN PLACE | LF | 122 | \$10.00 | \$1,220.00 | \$25.00 | \$3,050.00 | \$20.00 | \$2,440.00 |
| 17 | IRRIGATION SLEEVE, 6" PVC SCHEDULE 40, INCLUDES PVC END CAPS, COMPLETE IN PLACE | LF | 242 | \$30.00 | \$7,260.00 | \$55.00 | \$13,310.00 | \$30.00 | \$7,260.00 |
| 18 | TEMPORARY TRAFFIC CONTROL PLAN, INCLUDES INSTALLATION, IMPLEMENTATION AND REMOVAL UPON COMPLETION, COMPLETE IN PLACE | LS | 1 | \$5,500.00 | \$5,500.00 | \$3,350.50 | \$3,350.50 | \$8,000.00 | \$8,000.00 |
| ROADWAY ITEMS SUBTOTAL: | | | | | \$237,567.00 | | \$245,350.74 | | \$194,740.50 |
| MISCELLANEOUS ITEMS | | | | | | | | | |
| 1 | HYDROMULCH SEEDING OF R.O.W. (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE | AC | 1 | \$1,300.00 | \$1,300.00 | \$1,800.00 | \$1,800.00 | \$1,700.00 | \$1,700.00 |
| 2 | HYDROMULCH SEEDING AND FINE GRADING OF MUSTANG BAYOU R.O.W., COMPLETE IN PLACE | AC | 1 | \$1,550.00 | \$1,550.00 | \$1,800.00 | \$1,800.00 | \$5,000.00 | \$5,000.00 |
| 3 | INSTALLATION, MAINTENANCE, AND REMOVAL OF LOW WATER CROSSING USING 8 - 8'X16' TIMBER MATS, COMPLETE IN PLACE | LS | 1 | \$8,500.00 | \$8,500.00 | \$30,000.00 | \$30,000.00 | \$45,000.00 | \$45,000.00 |
| 4 | ADDITIONAL 8'X16' TIMBER MAT FOR LOW WATER CROSSING, (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE | EA | 1 | \$850.00 | \$850.00 | \$3,000.00 | \$3,000.00 | \$1,100.00 | \$1,100.00 |
| MISCELLANEOUS ITEMS SUBTOTAL: | | | | | \$12,200.00 | | \$36,600.00 | | \$52,800.00 |
| SWPPP ITEMS | | | | | | | | | |
| 1 | STORM WATER POLLUTION PREVENTION PLAN COMPLIANCE AND INSPECTION, COMPLETE IN PLACE | LS | 1 | \$3,500.00 | \$3,500.00 | \$2,975.00 | \$2,975.00 | \$4,000.00 | \$4,000.00 |
| 2 | INSTALLATION, MAINTENANCE AND REMOVAL OF CONCRETE TRUCK WASHOUT PIT, COMPLETE IN PLACE | EA | 1 | \$5,500.00 | \$5,500.00 | \$1,250.00 | \$1,250.00 | \$1,000.00 | \$1,000.00 |
| 3 | INSTALLATION, MAINTENANCE AND REMOVAL OF STABILIZED CONSTRUCTION ENTRANCE, COMPLETE IN PLACE | EA | 1 | \$750.00 | \$750.00 | \$2,000.00 | \$2,000.00 | \$4,000.00 | \$4,000.00 |
| 4 | TYPE III INLET PROTECTION BARRIERS, COMPLETE IN PLACE | EA | 3 | \$50.00 | \$150.00 | \$45.00 | \$135.00 | \$200.00 | \$600.00 |

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 TO SERVE ORCHARD PARK LANE PHASE 1
 BRAZORIA COUNTY MUNICIPAL UTILITY DISTRICT NO. 39
 CITY OF MANVEL E.T.J., BRAZORIA COUNTY, TEXAS
 OCTOBER 23, 2020
 LJA ENGINEERING, INC.
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| ITEM | DESCRIPTION | UNIT | QTY | 4) ARANDA BROTHERS CONSTRUCTION CO., INC | | 5) HARPER BROTHERS CONSTRUCTION, LLC | | 6) NBG CONSTRUCTORS INC | |
|---|--|------|------|--|-----------------------|--------------------------------------|-----------------------|-------------------------|--------------|
| | | | | UNIT COST | TOTAL COST | UNIT COST | TOTAL COST | UNIT COST | TOTAL COST |
| 5 | INSTALLATION, MAINTENANCE AND REMOVAL OF REINFORCED FILTER FABRIC FENCE, COMPLETE IN PLACE | LF | 1802 | \$3.00 | \$5,406.00 | \$1.75 | \$3,153.50 | \$2.50 | \$4,505.00 |
| SWPPP ITEMS SUBTOTAL: | | | | | \$15,306.00 | \$9,513.50 | | | |
| ELECTRICAL ITEMS | | | | | | | | | |
| 1 | FURNISH AND INSTALL ELECTRICAL SERVICE, INCLUDES SERVICE RACK AND ALL NECESSARY WIRE, CONDUIT, DUCT BANK, PULL BOXES, FOUNDATIONS, RISERS, GFCI RECEPTACLES, CONTROLS, APPURTENANCES AND TESTING REQUIRED FOR A COMPLETE AND OPERATIONAL SYSTEM, COMPLETE IN PLACE | LS | 1 | \$188,000.00 | \$188,000.00 | \$174,975.00 | \$174,975.00 | \$200,000.00 | \$200,000.00 |
| 2 | FURNISH AND INSTALL LIGHTS (TYPE L.1) PER ARCHITECTURAL DETAILS, COMPLETE IN PLACE | EA | 4 | \$4,500.00 | \$18,000.00 | \$3,000.00 | \$12,000.00 | \$3,000.00 | \$12,000.00 |
| 3 | FURNISH AND INSTALL LIGHTS (TYPE L.2) PER ARCHITECTURAL DETAILS, COMPLETE IN PLACE | EA | 12 | \$1,500.00 | \$18,000.00 | \$1,100.00 | \$13,200.00 | \$1,200.00 | \$14,400.00 |
| ELECTRICAL ITEMS SUBTOTAL: | | | | | \$224,000.00 | \$200,175.00 | | | |
| ARCHITECTURAL ITEMS | | | | | | | | | |
| 1 | COLUMN TYPE 1, COMPLETE IN PLACE | EA | 8 | \$4,750.00 | \$38,000.00 | \$2,800.00 | \$22,400.00 | \$6,200.00 | \$49,600.00 |
| 2 | COLUMN TYPE 2, COMPLETE IN PLACE | EA | 4 | \$5,000.00 | \$20,000.00 | \$2,800.00 | \$11,200.00 | \$6,700.00 | \$26,800.00 |
| 3 | PEDESTRIAN RAILING AND POSTS, COMPLETE IN PLACE | LF | 640 | \$220.00 | \$140,800.00 | \$260.00 | \$166,400.00 | \$230.00 | \$147,200.00 |
| ARCHITECTURAL ITEMS SUBTOTAL: | | | | | \$198,800.00 | \$200,000.00 | | | |
| ALTERNATE BID ITEMS | | | | | | | | | |
| 1 | STEEL SHEET PILING FACADE FOR RETAINING WALLS, LBF 1807 GR 36 OR APPROVED EQUAL, INCLUDES ANCHORS AND ALL APPURTENANCES, COMPLETE IN PLACE | SF | 2177 | \$35.00 | \$76,195.00 | \$20.00 | \$43,540.00 | \$18.00 | \$39,186.00 |
| ALTERNATE BID ITEMS SUBTOTAL: | | | | | \$76,195.00 | \$43,540.00 | | | |
| BIDDING SUMMARY | | | | | | | | | |
| SUBTOTAL BRIDGE ITEMS | | | | | \$1,711,624.90 | \$1,738,265.15 | \$1,734,446.10 | | |
| SUBTOTAL ROADWAY ITEMS | | | | | \$237,567.00 | \$245,350.74 | \$194,740.50 | | |
| SUBTOTAL MISCELLANEOUS ITEMS | | | | | \$12,200.00 | \$36,600.00 | \$52,800.00 | | |
| SUBTOTAL SWPPP ITEMS | | | | | \$15,306.00 | \$9,513.50 | \$14,105.00 | | |
| SUBTOTAL ELECTRICAL ITEMS | | | | | \$224,000.00 | \$200,175.00 | \$226,400.00 | | |
| SUBTOTAL ARCHITECTURAL ITEMS | | | | | \$198,800.00 | \$200,000.00 | \$223,600.00 | | |
| TOTAL AMOUNT BASE BID | | | | | \$2,399,497.90 | \$2,429,904.39 | \$2,446,091.60 | | |
| ALTERNATE BID ITEMS | | | | | | | | | |
| TOTAL AMOUNT BASE BID | | | | | \$2,399,497.90 | \$2,429,904.39 | \$2,446,091.60 | | |
| SUBTOTAL ALTERNATE BID ITEMS | | | | | \$76,195.00 | \$43,540.00 | \$39,186.00 | | |
| TOTAL AMOUNT INCLUDING ALTERNATE BID ITEMS | | | | | \$2,475,692.90 | \$2,473,444.39 | \$2,485,277.60 | | |