



Detailed Scope of Work

To: Morgan Early
SKE Construction, LLC
15812 Drifting Rose Dr
Cypress, TX 77429
281-585-4100

From: Brent Costlow
City of Deer Park
701 E San Augustine
Deer Park, TX 77573
281-838-9969

Date Printed: January 30, 2017
Work Order Number: 046490.00
Work Order Title: City of Deer Park - Storm Drain Replacement
Brief Scope: Storm Drain Replacement Project.

Preliminary Revised Final

The following items detail the scope of work as discussed at the site. All requirements necessary to accomplish the items set forth below shall be considered part of this scope of work.

Scope of work:

1. Mobilize the above list equipment
2. Demo- Remove/Replace 3-Precast 2'x2'x4' w walk grate SD inlet; Remove/Replace 2-Pour-inplace custom SD inlets w grate
3. Jet/Cleaning of 270' of 16" Storm drain pipe.
4. Fuse 12" sdr 11 dips HDPE pipe approx. 270'; Pull in pipe via 800G 2 pulls with 2 setups and 2 tale ditches. Remove and put back chain-link fence on Westside of tennis court. Remove and put back chain-link fence on Westside of Pool equipment.
5. Install 100' foot of SW3P fence.
6. Remove and replace 28' of 24" RCP storm drain to outfall in ditch. Use 15 ton of stabilized sand to bed and compact stabilized sand
7. Saw cut approx. 100' LF of 6" concrete with rented saw.
8. Demo-Remove/Replace 17'x30' ditch bank (slope paving) concrete; Haul off concrete. Stabilize base of bank with approx. 40ton of stabilized sand. Install #3 rebar on 12" center on chairs and control joints form for 30' 1'x1' footer. Undercut and dowel into existing concrete. Pour 540SF of 6" 3500psi concrete.
9. Remove/Replace 75'x3' tennis court floor 4" with #3 rebar undercut and doweled.
10. Remove SW3P fence and install 250sy of sod
11. Demob all equipment.

Equipment to be utilized for Deer Park Sliplinning:

JD310 w forks and 8K hammer • Bobcat 680 w bucket and forks • Kubota rubber track 161 and 080 • McElroy 4-12 w DIPS inserts • TT 800G w 300' of rod, 12" pulling head and 10" expander • 2- 12yd dump truck for haul off and stabilized sand/pipe bedding • 85CMF air compressor w hose and hammer • 5500w Generator, saws, hand tools, chainsaws, • Ford 550 w pull trailer and haul trailer • Sprinter tool van • Dodge 2500 and Ford 350

Subject to the terms and conditions of JOC Contract 520-16 Area C - SKE.

Detailed Scope of Work Continues..

Work Order Number: 046490.00

Work Order Title: City of Deer Park - Storm Drain Replacement

Contractor

Date

Owner

Date

Contractor's Price Proposal - Summary

Date: January 30, 2017

Re: IQC Master Contract #: 520-16 Area C - SKE
Work Order #: 046490.00
Owner PO #:
Title: City of Deer Park - Storm Drain Replacement
Contractor: SKE Construction, LLC
Proposal Value: \$50,939.60

| | |
|-----------------------|--------------------|
| Section - 01 | \$6,912.60 |
| Section - 02 | \$590.40 |
| Section - 03 | \$4,080.00 |
| Section - 31 | \$8,537.40 |
| Section - 32 | \$2,962.13 |
| Section - 33 | \$27,857.07 |
| Proposal Total | \$50,939.60 |

This total represents the correct total for the proposal. Any discrepancy between line totals, sub-totals and the proposal total is due to rounding.

Contractor's Price Proposal - Detail

Date: January 30, 2017

Re: IQC Master Contract #: 520-16 Area C - SKE
 Work Order #: 046490.00
 Owner PO #:
 Title: City of Deer Park - Storm Drain Replacement
 Contractor: SKE Construction, LLC
 Proposal Value: \$50,939.60

| Sect. | Item | Mod. | UOM | Description | Line Total |
|----------------------------------|------------------|----------|--------------|--|-------------------|
| Labor | Equip. | Material | (Excludes) | | |
| Section - 01 | | | | | |
| 1 | 01 22 23 00 0256 | | WK | 1,500 LB Capacity, 60" Wide, Skid-Steer Loader (Bobcat) With Full-Time Operator | \$2,428.75 |
| | | | Installation | Quantity Unit Price Factor = Total | |
| | | | | 1.00 x 2,428.75 x 1.0000 = 2,428.75 | |
| | | | | Equipment for Material and Equipment placement, to include 800G | |
| 2 | 01 22 23 00 0309 | | WK | 1/2 CY Hydraulic Excavator With Full-Time Operator | \$3,883.85 |
| | | | Installation | Quantity Unit Price Factor = Total | |
| | | | | 1.00 x 3,883.85 x 1.0000 = 3,883.85 | |
| | | | | Equipment for Excavating and Loading Debris Haul off | |
| 3 | 01 71 13 00 0003 | | EA | Equipment Delivery, Pickup, Mobilization And Demobilization Using A Tractor Trailer With Up To 53' Bed Includes delivery of equipment, off loading on site, rigging, dismantling, loading and transporting away. For equipment such as bulldozers, motor scrapers, hydraulic excavators, gradalls, road graders, loader-backhoes, heavy duty construction loaders, tractors, pavers, rollers, bridge finishers, straight mast construction forklifts, telescoping boom rough terrain construction forklifts, telescoping and articulating boom manlifts with >40' boom lengths, etc. | \$600.00 |
| | | | Installation | Quantity Unit Price Factor = Total | |
| | | | | 2.00 x 300.00 x 1.0000 = 600.00 | |
| | | | | Mob & Demob | |
| Subtotal for Section - 01 | | | | | \$6,912.60 |
| Section - 02 | | | | | |
| 4 | 02 41 19 13 0055 | | LF | Saw Cut Rod Reinforced Concrete Slab Up To 4" Depth | \$590.40 |
| | | | Installation | Quantity Unit Price Factor = Total | |
| | | | | 205.00 x 2.88 x 1.0000 = 590.40 | |
| | | | | Saw Cut Tennis Court and Canal Bank concrete | |
| Subtotal for Section - 02 | | | | | \$590.40 |
| Section - 03 | | | | | |
| 5 | 03 21 11 00 0121 | | LF | #5, Grade 40, Slab On Grade, Steel Reinforcement Bar | \$1,326.00 |
| | | | Installation | Quantity Unit Price Factor = Total | |
| | | | | 1,700.00 x 0.78 x 1.0000 = 1,326.00 | |
| | | | | Rebar for Canal Bank & Tennis Court concrete | |
| 6 | 03 31 13 00 0005 | | SF | 6" 3,000 PSI Slab On Grade Concrete Slabs Assembly | \$2,754.00 |
| | | | Installation | Quantity Unit Price Factor = Total | |
| | | | | 510.00 x 5.40 x 1.0000 = 2,754.00 | |
| | | | | Canal Bank Concrete | |
| Subtotal for Section - 03 | | | | | \$4,080.00 |
| Section - 31 | | | | | |

Contractor's Price Proposal - Detail Continues..

Work Order Number: 046490.00
 Work Order Title: City of Deer Park - Storm Drain Replacement

Section - 31

| | | | | | | | | | | |
|---|------------------|--------------|---------------------------------|----------|------------|--------|--------|-------|----------|------------|
| 7 | 31 32 13 19 0003 | TON | Cement Stabilized Base Material | | | | | | | \$8,537.40 |
| | | | | Quantity | Unit Price | Factor | = | Total | | |
| | | Installation | | 68.00 | 125.55 | x | 1.0000 | = | 8,537.40 | |
| | | | Backfill for concrete work | | | | | | | |

Subtotal for Section - 31 **\$8,537.40**

Section - 32

| | | | | | | | | | | |
|----|-----------------------|--------------|--|----------|------------|--------|--------|-------|----------|------------|
| 8 | 32 16 23 00 0004 | SF | 6" Cast In Place Concrete Sidewalk | | | | | | | \$1,602.00 |
| | | | | Quantity | Unit Price | Factor | = | Total | | |
| | | Installation | | 300.00 | 5.34 | x | 1.0000 | = | 1,602.00 | |
| | | | Tennis Court | | | | | | | |
| 9 | 32 16 23 00 0004 0097 | MOD | For >100 To 500, Add | | | | | | | \$159.00 |
| | | | | Quantity | Unit Price | Factor | = | Total | | |
| | | Installation | | 300.00 | 0.53 | x | 1.0000 | = | 159.00 | |
| 10 | 32 92 23 00 0065 | MSF | Up To 1,000 SF, St. Augustine Sod, Installed On Level Ground | | | | | | | \$1,201.13 |
| | | | | Quantity | Unit Price | Factor | = | Total | | |
| | | Installation | | 1.50 | 800.75 | x | 1.0000 | = | 1,201.13 | |

Subtotal for Section - 32 **\$2,962.13**

Section - 33

| | | | | | | | | | | |
|----|-----------------------|--------------|--|----------|------------|--------|--------|-------|----------|------------|
| 11 | 33 01 30 41 0011 | LF | 12" Diameter Pipe Line Cleaning, Hydro Jetting Method, Light Cleaning - 3 Passes | | | | | | | \$845.10 |
| | | | | Quantity | Unit Price | Factor | = | Total | | |
| | | Installation | | 270.00 | 3.13 | x | 1.0000 | = | 845.10 | |
| | | | Storm Drain Cleaning | | | | | | | |
| 12 | 33 01 30 41 0011 0217 | MOD | For >250 To 500, Deduct | | | | | | | -\$43.20 |
| | | | | Quantity | Unit Price | Factor | = | Total | | |
| | | Installation | | 270.00 | -0.16 | x | 1.0000 | = | -43.20 | |
| 13 | 33 01 30 41 0011 0222 | MOD | For Heavy Cleaning, >4 Passes (Includes Attached Mechanical Device), Add | | | | | | | \$634.50 |
| | | | | Quantity | Unit Price | Factor | = | Total | | |
| | | Installation | | 270.00 | 2.35 | x | 1.0000 | = | 634.50 | |
| 14 | 33 01 30 71 0031 | LF | 12" Diameter, Static Head Pipe Burstling | | | | | | | \$6,766.20 |
| | | | | Quantity | Unit Price | Factor | = | Total | | |
| | | Installation | | 270.00 | 25.06 | x | 1.0000 | = | 6,766.20 | |
| 15 | 33 01 30 71 0031 0322 | MOD | For >150 To 200, Add | | | | | | | \$272.70 |
| | | | | Quantity | Unit Price | Factor | = | Total | | |
| | | Installation | | 270.00 | 1.01 | x | 1.0000 | = | 272.70 | |
| 16 | 33 01 30 71 0052 | EA | 4" To 15", Pipe Fusion For High Density Polyethylene (HDPE) Pipe Lining | | | | | | | \$354.06 |
| | | | | Quantity | Unit Price | Factor | = | Total | | |
| | | Installation | | 7.00 | 50.58 | x | 1.0000 | = | 354.06 | |
| 17 | 33 11 13 23 0433 | LF | 12" DR 21, Butt Fusion Joint High Density Polyethylene (HDPE) Pressure Pipe | | | | | | | \$6,885.00 |
| | | | | Quantity | Unit Price | Factor | = | Total | | |
| | | Installation | | 270.00 | 25.50 | x | 1.0000 | = | 6,885.00 | |
| | | | Pipe for Sliplining | | | | | | | |
| 18 | 33 11 13 23 0433 0041 | MOD | For DR 11 (160 PSI), Add | | | | | | | \$3,761.10 |
| | | | | Quantity | Unit Price | Factor | = | Total | | |
| | | Installation | | 270.00 | 13.93 | x | 1.0000 | = | 3,761.10 | |

Contractor's Price Proposal - Detail Continues..

Work Order Number: 046490.00

Work Order Title: City of Deer Park - Storm Drain Replacement

Section - 33

| | | | | | | | | | |
|----|-----------------------|-----|---|----------|------------|--------|---|----------|------------|
| 19 | 33 41 13 00 0007 | LF | 24" Diameter Class 3 Reinforced Concrete Pipe Without Gaskets | | | | | | \$1,417.64 |
| | | | Installation | Quantity | Unit Price | Factor | = | Total | |
| | | | | 28.00 | 50.63 | 1.0000 | = | 1,417.64 | |
| 20 | 33 41 13 00 0007 0005 | MOD | For Class 4, Add | | | | | | \$84.00 |
| | | | Installation | Quantity | Unit Price | Factor | = | Total | |
| | | | | 28.00 | 3.00 | 1.0000 | = | 84.00 | |
| 21 | 33 41 13 00 0042 | EA | 24" Diameter Concrete Pipe Joint Gasket | | | | | | \$191.80 |
| | | | Installation | Quantity | Unit Price | Factor | = | Total | |
| | | | | 28.00 | 6.85 | 1.0000 | = | 191.80 | |
| 22 | 33 44 13 13 0019 | EA | 4' Deep, 4' x 4' x 8" Thick Wall, Cast In Place, Grate Drop Inlet Basin | | | | | | \$3,988.66 |
| | | | Installation | Quantity | Unit Price | Factor | = | Total | |
| | | | | 2.00 | 1,994.33 | 1.0000 | = | 3,988.66 | |
| | | | Cast-in-place inlet with Walk Grate | | | | | | |
| 23 | 33 44 13 13 0237 | EA | 24" Pipe, Precast Concrete Headwall | | | | | | \$429.92 |
| | | | Installation | Quantity | Unit Price | Factor | = | Total | |
| | | | | 1.00 | 429.92 | 1.0000 | = | 429.92 | |
| 24 | 33 44 13 13 0276 | EA | 24" x 24" Cast Iron Curb Inlet Frame And Cover | | | | | | \$2,269.59 |
| | | | Installation | Quantity | Unit Price | Factor | = | Total | |
| | | | | 3.00 | 756.53 | 1.0000 | = | 2,269.59 | |
| | | | Precast Inlets with Walk Grate | | | | | | |

Subtotal for Section - 33

\$27,857.07

Proposal Total

\$50,939.60

This total represents the correct total for the proposal. Any discrepancy between line totals, sub-totals and the proposal total is due to rounding.



Subcontractor Listing

Date: January 30, 2017

Re: IQC Master Contract #: 520-16 Area C - SKE
Work Order #: 046490.00
Owner PO #:
Title: City of Deer Park - Storm Drain Replacement
Contractor: SKE Construction, LLC
Proposal Value: \$50,939.60

| Name of Contractor | Duties | Amount | % |
|--|--------|--------|------|
| No Subcontractors have been selected for this Work Order | | \$0.00 | 0.00 |