



2525 Clark Street
Detroit, MI. 48209
Phone: (313) 843-8000
Fax: (313) 843-2532
www.idealcontracting.com

May 29, 2020

Ron Hoeft
Public Works Engineer
City of Ann Arbor
4251 Stone School Road
Ann Arbor, MI 48108
rhoeft@a2gov.org

Re: **City of Ann Arbor Landfill scale and entrance Improvements
200302- PCO-01 REV 1- Additional 800 LF of Duct-bank**

Mr. Hoeft;

Per your request, Ideal Contracting, IC, and our subcontractors have reviewed the SOW associated with adding 800 LF of duct bank associated with the communication network and are submitting this PCO as an **ADD of \$ 25,682.00**

IC, our subcontractors proposed to furnish all labor, material, equipment, and supervision required to perform the following scope of work:

1. Excave approximately 800 additional lineal feet for installation of the conduit.
2. Furnish and install additional Conduit and pull boxes as required
3. Backfill and compact trench.

We offer the following additional Clarifications:

1. Work to be performed in conjunction with the alternate 1 scope of work
2. This does not include any concrete encasement and assumes standard direct bury conduit
3. Cabling by others

Please contact me should you have any questions, concerns or comments, or if you need any additional information.

Thank you for your consideration.

Sincerely,
IDEAL CONTRACTING

A handwritten signature in black ink, appearing to read "J Muer", is positioned above the typed name.

Jim Muer
Project Manager



CHANGE ORDER REQUEST

800 LF of Additional Duct Bank

= Input cell
 = automatic calculation

Date: May 20, 2020	Project: City of Ann Arbor Landfill Scale & Entrance Improvements
Attention: Ron Hoeft	Location: Ann Arbor, Mi
Company: City of Ann Arbor	Ideal Job #: 200302
PO Number:	Print Date:
	Ideal PM: Jim Muer
	<input type="checkbox"/> Check if PRIME Contractor <input type="checkbox"/> Check if Subcontractor

BULLETIN NO. 0	FO NO. _____	DCR / RFI NO. _____	CHANGE ORDER REQUEST NO. 1
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Method of Determining the Cost: Check if Lump Sum Check if Actual Time & Material Refer to Section "D" for Unit Prices

Description of Work: Summary: 800 LF of Additional Duct Bank	WORK ITEM NO. 1
Furnish all labor, material, equipment and supervision required to excavate for and install 800 LF of conduit for fiber optic cable installed by others.	

(D) UNIT PRICES (Includes material, labor, applicable taxes, and all other costs and fees.)

Enter negative quantity for deleted work items.

Description	Quantity / measure	Price		TOTAL
1 Excavation and backfill- (unit price based	800 lf	\$20.50	per lf	\$16,403.60
2			per	\$0.00
3			per	\$0.00

** To add rows: COPY row, then INSERT COPIED CELLS, then re-number. **

Total Unit Price Amount = \$16,403.60

(E) SUBCONTRACTORS

Name of Subcontractor	Subcontractor
1 Shaw Electric	\$8,837.00
2	
3	

** To add rows: COPY row, then INSERT COPIED CELLS, then re-number. **

Sub-Total Subcontractor Amounts = \$8,837.00
 5% Overhead & Profit Mark-up (0% if Credit) = \$441.85
Total Subcontractor Amount = \$9,278.85

TOTAL AMOUNT FOR WORK ITEM NO. 1	Contractor CHANGE REQUEST NO. 1
BULLETIN NO. 0	FO NO. _____ DCR / RFI NO. _____

(A)	Total Labor Amount =	\$0.00
(B)	Total Material Amount =	\$0.00
(C)	Total Field Equipment Amount =	\$0.00
(D)	Total Unit Price Amount =	\$16,403.60
(E)	Total Subcontractor Mark-up Amount =	\$9,278.85
	TOTAL AMOUNT FOR WORK ITEM =	\$25,682.45



22100 Telegraph
 Southfield, MI 48033
 Phone: (248) 228-2000
 Fax: (248) 228-2080

Bulletin Spreadsheet
Local 252 Inside Wiremen
Jun 2019 - May 2020

PROJECT:		SHAW PROJECT #:	E201016
QUOTE FOR:	Ideal Contracting, LLC	SHAW PCO/RFC #:	2
DATED:	5/20/2020 Email request	SHAW REVISION #:	0
DESCRIPTION:	Add 800 feet of 3" PVC Schedule 80 ductbank	SHAW QUOTE DATE:	5/20/2020
PLANS ISSUED:	None		
SPECS. ISSUED:	None		
SKETCHES ISSUED:	None		
QTY ELEC/TECH DWGS ISSUED:	0		
MATERIAL - PER ATTACHED SHEETS			\$2,011
VENDOR 1:			\$0
VENDOR 2:			\$0
ESCALATION/FASTENERS/ETC @	0%		\$0
FREIGHT/HANDLING CHARGES @	0%		\$0
MI SALES TAX @	6%		\$121
MATERIAL TOTAL			\$2,132
DIRECT INSTALLATION LABOR COST - PER ATTACHED SHEETS			
27.5 HOURS @ Straight	\$ 85.00	ELECTRICIAN	\$2,338
0 HOURS @ "	\$ 97.00	SUBFOREMAN	\$0
0 HOURS @ "	\$ 80.00	APPRENTICE	\$0
0 HOURS @ Time & 1/2	\$ 118.00	ELECTRICIAN	\$0
0 HOURS @ "	\$ 134.00	SUBFOREMAN	\$0
0 HOURS @ "	\$ 108.00	APPRENTICE	\$0
0 HOURS @ Double	\$ 150.00	ELECTRICIAN	\$0
0 HOURS @ "	\$ 170.00	SUBFOREMAN	\$0
0 HOURS @ "	\$ 136.00	APPRENTICE	\$0
SUPERVISION - 15% OF DIRECT LABOR HOURS (DETAILING, LOGISTICS) or PER ATTACHED SHEETS AS DIRECT LABOR			
27.5 HOURS @ Straight	\$ 99.00	FOREMAN FLOOR/AREA/SYSTEM	\$2,723
0 HOURS @ "	\$ 104.00	SOLE FOREMAN/SUPERINTENDENT	\$0
0 HOURS @ Time & 1/2	\$ 136.00	FOREMAN FLOOR/AREA/SYSTEM	\$0
0 HOURS @ "	\$ 141.00	SOLE FOREMAN/SUPERINTENDENT	\$0
0 HOURS @ Double	\$ 175.00	FOREMAN FLOOR/AREA/SYSTEM	\$0
0 HOURS @ "	\$ 180.00	SOLE FOREMAN/SUPERINTENDENT	\$0
	0%	INCREASE RATES FOR NON DAY SHIFT/FUTURE RATES	\$0
LABOR TOTAL			\$5,060
DJE EQUIPMENT - LARGE OR SPECIAL TOOLING			
MAN LIFTS / SNORKEL LIFTS / SCAFFOLDING / FALL PROTECTION			\$0
RIGGING / HOISTING / LULL / FORKLIFT			\$0
PARKING FEES / MILEAGE / FUEL			\$0
OTHER 1:			\$0
OTHER 2:			\$0
OTHER 3:			\$0
PERMIT ADDERS			\$0
TRUCK / FUEL / SERVICE VAN	\$ 5.50	PER HOUR	\$0
ENGINEERING / DOCUMENT MAINTENANCE			
0 HOURS	\$ 89.00	PROJECT ENGINEER/FIELD DETAIL/SURVEY	\$0
0 HOURS	\$ 82.00	BIM COORDINATOR/PLOTS/DWGS	\$0
0 HOURS	\$ 67.00	ADMINISTRATIVE ASSISTANT	\$0
DIRECT JOB EXPENSES / SMALL TOOLS / SAFETY / CONSUMMABLES / FIRST AID			
AS PERCENT @	7.5%	OF LABOR ABOVE TOTAL	\$380
AND/OR AS ITEMIZED ON THE DJE CHECKLIST / Pg 2 of 2			\$0
DIRECT JOB EXPENSES TOTAL			\$380
TOTAL COSTS FOR SHAW			\$7,571
OH & P ON COSTS @	15%		\$1,136
SUBCONTRACTORS			
x			\$0
x			\$0
x			\$0
x			\$0
SUBCONTRACTOR TOTAL			\$0
FEE ON SUBS @	10%		\$0
PLM BOND / INSURANCE COSTS			\$131
TOTAL PRICE FOR THIS QUOTATION			\$8,837

Inclusions:

Exclusions:

Estimate Detail File

402FR008
Version 1
August 18, 2000



Shaw Electric Company
22100 Telegraph Road
Southfield, MI 48033

Estimate File: E201016 002 Add 800 Feet Ductbank.est - SHAW PROJECT,

Sort Sequences:

1. Section
2. Element
3. Not Used
4. Not Used

Estimator:
12:55:42PM 5/20/2020

Description	Quantity	Material	Sub	Labor	Matl. Total	Sub Total	Total Hrs
Section SS SITE SYSTEMS							
Element 3010 UNDERGROUND FEEDER CONDUIT							
1603.300 *****SITE CONDUIT*****		****					
1603.441 \$NYLON PULL WIRE	800	LNFT	0.05	0.003	36		2.40
1610.368 PVC-80 CONDUIT - 3"	800	LNFT	2.21	0.060	1,770		48.00
1612.748 PVC-80 COUPLING - 3"	80	EACH	1.57	0.034	125		2.72
1698.000 WARNING TAPE	800	LNFT	0.10	0.002	80		1.60
Total: Element 3010 UNDERGROUND FEEDER CONDUIT					2,011	\$0	55
Total: Section SS SITE SYSTEMS					2,011	\$0	55
ESTIMATE TOTALS					2,011	\$0	55