

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

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:	Attention: Ron Hoeft							Ann Arbor, Mi						
	Company: City of Ann Arbor						Ideal J	ob # 2003	# 200302						
Р	PO Number:						Print D								
						Ideal	PM: Jim	Muer							
					_		☐ Ch	eck if Pl	RIME Contractor	☐ Chec	k if Subcon	tractor			
BULLETIN NO. 0 FO NO. DCR / RF					I NO.			C	HANGE ORDER	REQUEST NO.		1			
Method of Determining the Cost: ☐ Check if Lump Sum ☐ Check if Actual Time & Material Refer to Section "D" for Unit Prices															
Desc	ription of Wo	ork:	Sun	nmary:		80	00 LF of Ad	dditional Duct Ba	ank				WORK IT	EM NO.	1
Furnish	all labor, ma	aterial,	equipment a	and supe	rvision requ	ired to exca	vate for an	d install 800 LF o	of condui	t for fiber o	optic ca	nble installed by oth	ners.		
(D)	UNIT PRIC	ES (Inc	cludes materia	al, labor, a	pplicable tax	es, and all ot	□ her costs an	nd fees.)		Enter negative for deleted wo					
	Description								(	Quantity / m	easure			TOTAL	
		ation a	and backfill- (	unit price	based					800	) If		per If	9	16,403.60
	3												per per		\$0.00 \$0.00
		ows: C	OPY row, the	en INSER	T COPIED C	CELLS, then i	re-number.	**					լթе։ t Price Amount =	9	\$16,403.60
(E)	SUBCONTI Name of Su	bcont	ractor											Subco	ontractor
		/ Elect	ric												\$8,837.00
	3														
	_	owe. C	OPY row, the	on INISER	T COPIED (	CELLS then	re-number	**				Sub-Total Subcon	tractor Amounts -		\$8,837.00
	10 ada 1	OW3. C	or rrow, are	UNINOLIN	OOTILD	DEELO, UIOITI	io number.			59	6 Overl	nead & Profit Mark-			\$441.85
													tractor Amount =		\$9,278.85
TOTAL	AMOUNT	FOR \	WORK ITEN	M NO.	1										
			0	_			DCR / RF	I NO.	Cont	ractor Cl	IANGI	E REQUEST NO.	1		
										(A)		Total I	.abor Amount =		\$0.00
					(B)			terial Amount =		\$0.00					
					(C)		Total Field Equip			\$0.00					
										(D)			Price Amount =	\$1	16,403.60
											Total S	Subcontractor Mai			9,278.85
							•		L AMOUNT FOR	•		25,682.45			



## **Potential Change Order**

Shaw Electric Company 22100 Telegraph Road Southfield MI 48033 248-228-2000

Customer	Namo	Ω.	۸ ۵۰	droc
Customer	Name	~	And	ıres

Ideal Contracting 2525 Clark St Detroit MI 48209

#### **Change Request Details**

Client Reference: Add 800 Feet of Ductbank

**Entry Date:** 05/20/20

Job Number: E201016 PCO Number: PCO002

Job Name: AA Landfill Truck

	Scale  Job Address: 4251 Stone School Road A	nn Arbor Michigan 48108
	Description	Value
Add 800 Feet of Ductbank	Description	8,837.00
Add 800 Feet of Ductbank		8,637.00
Add 800 Feet of Ductbank		
Add 0 calendar days to contract completion date.		
	Authorized Signature	
	Customer/Owner	Date
		2410
	Shaw Electric Company	Date
	Chair Elocate Company	Suite
	Engineer/Architect	Date

Payment Schedule

If this Change Order credits a "claimed" amount, and an insurance company subsequently adjusts that amount, Customer/Owner agrees to pay the difference between the settlement and claim.

Terms: The above additions as listed are satisfactory and are hereby accepted. Customer/Owner agrees to pay Contractor/SHAW in current funds within 30 days of invoice or issue a Contract Change Order within 15 days of acceptance/notice to proceed. All Work will be installed under same terms and conditions as specified in original contract unless otherwise stipulated. All relevant deleted items are herein credited against the substitution whether or not specifically itemized. Contract time may be increased as necessary. Owner will not withhold payment of original Contract sum due to incompletion of items contained herein or affected hereby.



**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 #:	E20101
QUOTE FOR:	Ideal Contracting, LLC			SHAW PCO/RFC #:	
DATED:	5/20/2020 Email request			SHAW REVISION #:	
DESCRIPTION:	Add 800 feet of 3" PVC Schedule 80 of	ductbank		SHAW QUOTE DATE:	5/20/20
PLANS ISSUED:	None				
SPECS. ISSUED:	None				
SKETCHES ISSUED:	None	•			
QTY ELEC/TECH DWGS IATERIAL - PER ATTAC		0		\$2,011	
TATERIAL - PERATTA	VENDOR 1:			\$0	
	VENDOR 2:			\$0	
	ESCALATION/FASTENERS/ETC @	0%		\$0	
	FREIGHT/HANDLING CHARGES	<b>0</b> %		\$0	
	MI SALES TAX @	6%		\$121	
	MATERIAL TOTAL				\$2,13
DIRECT INSTALLATION	LABOR COST - PER ATTACHED SHEET		ELECTRICIAN	#3 330	
	27.5 HOURS @ Straight 0 HOURS @ "	\$ 85.00 \$ 97.00	ELECTRICIAN SURFODEMAN	\$2,338	
	0 HOURS @ "	\$ 97.00 \$ 80.00	SUBFOREMAN APPRENTICE Delete Apprentice Text and Parts if not Required to Use	\$0 \$0	
	0 HOURS @ Time & 1/2	\$ 118.00	Rates if not Required to Use  (Blank Row)	_ \$0 \$0	
	0 HOURS @ "	\$ 134.00	SUBFOREMAN	<b>\$0</b>	
	0 HOURS @ "	\$ 108.00	APPRENTICE	\$0	
	0 HOURS @ Double	\$ 150.00	ELECTRICIAN	<del>-</del> \$0	
	0 HOURS @ "	\$ 170.00	SUBFOREMAN	\$0	
	0 HOURS @ "	\$ 136.00	APPRENTICE	\$0	
UPERVISION - 15% OF			PER ATTACHED SHEETS AS DIRECT LABOR	10	
	27.5 HOURS @ Straight	\$ 99.00	FOREMAN FLOOR/AREA/SYSTEM	\$2,723	
	0 HOURS @ " 0 HOURS @ Time & 1/2	\$ 104.00 \$ 136.00	SOLE FOREMAN/SUPERINTENDENT FOREMAN FLOOR/AREA/SYSTEM	_	
	0 HOURS @ "	\$ 141.00	SOLE FOREMAN/SUPERINTENDENT	\$0	
	0 HOURS @ Double	\$ 175.00	FOREMAN FLOOR/AREA/SYSTEM	<u> </u>	
	0 HOURS @ "	\$ 180.00	SOLE FOREMAN/SUPERINTENDENT	\$0	
		0%	INCREASE RATES FOR NON DAY SHIFT/FUTURE RATES	\$0	
	LABOR TOTAL				\$5,06
JE EQUIPMENT - LARG	E OR SPECIAL TOOLING				
	MAN LIFTS / SNORKEL LIFTS / S		FALL PROTECTION	\$0 *0	
	RIGGING / HOISTING / LULL / F PARKING FEES / MILEAGE / FUE			\$0 \$0	
	OTHER 1:	-		\$0 \$0	
	OTHER 2:			\$0 \$0	
	OTHER 3:			\$0 \$0	
	PERMIT ADDERS			\$0	
	TRUCK / FUEL / SERVICE VAN	\$ 5.50	PER HOUR	<b>\$0</b>	
NGINEERING / DOCUM	IENT MAINTENANCE				
	0 HOURS	\$ 89.00	PROJECT ENGINEER/FIELD DETAIL/SURVEY	\$0	
	0 HOURS	\$ 82.00	BIM COORDINATOR/PLOTS/DWGS	\$0 \$0	
IDECT IOR EVDENCES	0 HOURS / SMALL TOOLS / SAFETY / CONSUMM	\$ 67.00	ADMINISTRATIVE ASSISTANT	\$0	
INLUI JUD EAPENSES	AS PERCENT @	7.5%	OF LABOR ABOVE TOTAL	\$380	
	AND/OR AS ITEMIZED ON THE D			\$360 \$0	
	DIRECT JOB EXPENSES TOTAL		· <del>-</del>	T	\$3
OTAL COSTS FOR SHAV					\$7,5
	OH & P ON COSTS @	15%			\$1,13
UBCONTRACTORS					
	x			<b>\$0</b>	
	x			\$0	
	X			\$0 *0	
	X SUBCONTRACTOR TOTAL			<u>*0</u>	
	SUBCONTRACTOR TOTAL FEE ON SUBS @	10%			
LM BOND / INSURANC		10-70			\$13
<u> </u>					
OTAL PRICE FOR T	HIS QUOTATION				\$8,837
nclusions:					

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

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

2. Element

Not Used
 Not Used

Description	Quant	ity	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