



Invoice

Invoice Number: 87483
Customer Number: 175501
Invoice Date: 12/13/2019
Invoice Due Date: 1/12/2020
Company Number: 00292

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Customer:
CITY OF FORT COLLINS-ENGINEERING

Remit To:
CITY OF FORT COLLINS
222 LAPORTE ACCOUNTS RECEIVABLE
P.O. BOX 580
FORT COLLINS, CO 80522-0580

Please Return the Enclosed Copy with your Payment

Item	Description	Charges
001	Work Order 193203	38,281.35
	Balance Due	38,281.35

'19DEC 17 10:43AM

TERMS AND CONDITIONS

Payment is due within 30 days of the invoice date.

Payments can be made via credit card by calling (970) 221-6251 Monday through Friday, 7:30AM to 4:30PM.

If you have any Invoice questions, please contact saragon@fcgov.com or call 2246103.



Traffic Operations Itemized Invoice

Work Order ID	Work Order Location	Project
193203	WHITCOMB & PROSPECT	

Customer Name	Contact Name	Customer Number
ENGINEERING	Attn: Kyle Lambrecht, Engineering (TCEF)	175501

Billing Date	Start Date	Finish Date	Status	Billable Project
12/13/2019	05/20/2019	07/24/2019	IP	Y

Work Order Description & Instructions

Description: SIGNALS WFO

Relocate traffic signal cabinet and conduit on northeast corner for addition of right turn lane.
Final Billing

Labor

Description	Total Hours	Regular		Overtime		Extended Cost
		Hours	Costs	Hours	Costs	
LINE GROUNDWORKER	12.50	12.50	\$518.85	0.00	\$0.00	\$518.85
OPERATOR I, TRANSPORTATION OPS	150.00	147.00	\$4,969.47	3.50	\$142.96	\$5,112.42
OPERATOR II, TRANSPORTATION OP	33.50	31.50	\$1,449.25	2.00	\$110.62	\$1,559.87
SR TECH, TRANSPORTATION OPS	12.00	10.00	\$401.09	4.00	\$242.57	\$643.66
TECH II, TRANSPORTATION OPS	47.00	46.00	\$1,871.77	1.00	\$46.60	\$1,918.37
TECHNICIAN II, TRAFFIC ENGR	3.50	3.50	\$160.73	0.00	\$0.00	\$160.73
Total Labor						\$9,913.90

Materials

Description	Quantity	Cost Per Unit	Extended Cost
2" HDPE Schedule 40	180.00	\$1.26	\$226.80
2-2", 2-3" Directional Bore, per foot	160.00	\$23.40	\$3,744.00
25C 14G (Signal Wire)	475.00	\$2.36	\$1,122.90
2C 12G (Street Light Wire)	475.00	\$0.35	\$164.16
2P 18G (Pushbutton)	515.00	\$0.35	\$179.22
3" HDPE SDR 11	350.00	\$3.06	\$1,071.00
3/4" Band	10.00	\$0.62	\$6.24
3/4" Buckles C256	2.00	\$0.47	\$0.94
3C 18G (Terra)	475.00	\$0.24	\$113.32
4C 20G (Opticom)	100.00	\$0.53	\$52.83
8G Bare (Grounding)	200.00	\$0.31	\$62.40
9 x 12 Ped Button Sign Left	3.00	\$3.66	\$10.98
9 x 12 Ped Button Sign Right	1.00	\$3.66	\$3.66
Aluminum Grounding Lug (Ped Pole)	6.00	\$1.44	\$8.64
Arrow Board	4.00	\$84.00	\$336.00
Build and Install 12 Patch Panel	1.00	\$660.00	\$660.00
Bulldog Momentary Push Button No LED-Yellow Ver 3	4.00	\$95.10	\$380.40
Compact base ped pole 4' w/ base and cap	2.00	\$531.60	\$1,063.20
Conduit 2" 22 % Elbow	2.00	\$12.47	\$24.94

Conduit 2" 45% Elbow	1.00	\$1.94	\$1.94
Conduit 2" 90% Elbow	12.00	\$3.36	\$40.32
Conduit 2" Coupling	5.00	\$0.68	\$3.42
Conduit 2" Coupling E-Loc W/Rubber Gasket	3.00	\$9.00	\$27.00
Conduit 2" PVC SCH 40	40.00	\$1.03	\$30.08
Conduit 2" PVC Split Pipe	2.00	\$2.57	\$5.14
Conduit 3" 45% Elbow	2.00	\$12.19	\$24.38
Conduit 3" 90% Elbow	10.00	\$11.87	\$118.68
Conduit 3" Coupling E-Loc W/Rubber Gasket	6.00	\$13.80	\$82.80
Conduit 3" PVC SCH 40	30.00	\$1.68	\$50.40
Cones, each	25.00	\$4.80	\$120.00
Double Button Adaptor For Bulldog Pushbuttons	2.00	\$93.60	\$187.20
Engineering Street Cut Permit	1.00	\$204.00	\$204.00
Fiber Cable Prep Charges	4.00	\$36.00	\$144.00
Fiber Labor Charges (per hour)	2.00	\$78.00	\$156.00
Fiber Optic Fusion Splices	12.00	\$33.60	\$403.20
Flat Pad Polymer Concrete Base	1.00	\$835.20	\$835.20
Flowfill, CDOT (FF0934)	20.00	\$109.20	\$2,184.00
Mechanical/Bore Pits	2.00	\$360.00	\$720.00
Min Ex-8 Rental	0.35	\$1,908.91	\$668.12
Ped Head Clamshell Empty - Left - Y Aluminum	2.00	\$161.66	\$323.33
Ped button station 9"x12" bulldog	4.00	\$59.70	\$238.80
Pedestrian Countdown Head Module - DL	2.00	\$132.00	\$264.00
Pothole in Paved Surface	6.00	\$228.00	\$1,368.00
Pothole in Unpaved Surface	11.00	\$114.00	\$1,254.00
Sign Panel A/B	5.00	\$38.40	\$192.00
Splice Can Prep Charges	1.00	\$30.00	\$30.00
Splice Enclosure Entry	1.00	\$96.00	\$96.00
Splice Tray Prep Charges	2.00	\$84.00	\$168.00
Submersible; 3 Position Streetlighting	2.00	\$27.82	\$55.63
Submersible; 6 Position Streetlighting	2.00	\$14.75	\$29.50
VAULT 13"X24"X18" W/LID - PD1324BA18	2.00	\$262.80	\$525.60
VAULT 17"X30"X18" W/LID - PD1730BA18	2.00	\$511.94	\$1,023.89
WATC - Standard	4.00	\$612.00	\$2,448.00
Total Materials			\$23,254.26

Equipment

Description	<u>Hours</u>	<u>Cost Per Hour</u>	<u>Extended Cost</u>
PICKUP TRUCK (BRITNEY/ANGIE)	2.50	\$12.12	\$30.30
FORD F450 SUPERDUTY W/UTILITY BOX	31.50	\$14.40	\$453.60
FORD F550 FLAT BED TRUCK	21.50	\$30.00	\$645.00
BUCKET TRUCK	17.50	\$30.25	\$529.41
2013 CHEV SILVERADO 3500 SMALL DUMP	39.00	\$30.00	\$1,170.00
2015 FORD F-550 4x2 SUPER CAB BUCKET	20.00	\$30.25	\$605.04
2016 FORD F-550 BUCKET	12.50	\$30.25	\$378.15
UTILITY F450 TRUCK	46.50	\$12.12	\$563.58
PICKUP TRUCK	2.00	\$12.12	\$24.24
1998 JOHN DEERE BACKHOE	6.00	\$43.80	\$262.80
2009 BROOKS WIRE TRAILER	9.00	\$12.12	\$109.08
SKID TRAILER	28.50	\$12.00	\$342.00
Total Equipment			\$5,113.20

Total - Work Order #193203

\$38,281.35