

# CHANGE ORDER REQUEST FORM

CONTRACT NO. **B-36229-A**

DATE OF SUBMISSION

**October 28, 2020**

|   |   |
|---|---|
| PROJECT DESCRIPTION<br>(route / intersection / bridge no(s).) | 45 <sup>th</sup> Street and Calumet Avenue  |
| CHANGE ORDER REQUEST SUMMARY DESCRIPTION                      | Relocation and Replacement of Town Fiber Optic 144 Pair   |
| PROPOSED SOLUTION SUMMARY                                     | Install new handhole, conduit, and splice in new fiber optic cable per drawings and response provided in response to RFI-00009. |

NOTE: Upon request from Engineer, enter detailed description on page 2.

|                      |                     |                   |                   |
|----------------------|---------------------|-------------------|-------------------|
| ONSET DATE OF CHANGE | <b>May 20, 2019</b> | CHANGE ORDER TYPE | 104.03 Extra Work |
|----------------------|---------------------|-------------------|-------------------|

## PROPOSED COST AND TIME ADJUSTMENT

**\$36,515.93**

### COST

COST INCREASE / (DECREASE):

\$

~~36,515.94~~

The cost adjustment shall include lump sum and/or estimated totaled unit-priced item costs. Attach a separate sheet of unit price items including item description, unit of measurement, estimated quantity and unit price.

### CHECK APPROPRIATE BOXES PER APPROPRIATE BASIS OF COST CHANGE:

☐ 109.03 Altered Quantities ☒ 109.05(a) Agreed Price ☐ 109.05(b) Force Account ☐ 109.05.02 Delay Costs

PROPOSED COST CHANGE INCLUDES: ☐ Labor ☐ Material ☐ Equipment ☐ Lease Agreement ☒ Subcontractor

### TIME ADJUSTMENT

INCREASE / (DECREASE):

(work days)

**N/A**

### CHECK APPROPRIATE BOXES PER APPROPRIATE BASIS OF TIME CHANGE:

☐ 108.08(a) Excusable, Non-Compensable ☐ 108.08(b) Excusable, CompensableNOTE: If **Compensable**, attach details based on 109.05.2(a) Allowable Delay Costs.

## SUPPLEMENTAL INFORMATION

Additional information.

|  |  |
|--|--|
| CHANGE ORDER ORIGATION:  | <input checked="" type="checkbox"/> INDOT / LPA <input type="checkbox"/> Contractor          |
| DOCUMENTS AFFECTED:  |  |
| <input type="checkbox"/> Contract Specifications (ref. doc name/no.)   | Click here to enter text.  |
| <input checked="" type="checkbox"/> Contract Plans (ref. doc name/no.) | Sheet 151 and 155  |
| CHANGE ORDER AFFECTS DBE PARTICIPATION:                                | <input type="checkbox"/> yes <input checked="" type="checkbox"/> no (if yes, attach details) |

CHANGE ORDER REQUEST FORM

CONTRACT NO.

**B-36229-A**

**UPON WRITTEN REQUEST FROM THE ENGINEER, PROVIDE ADDITIONAL DETAIL**

|  |               |  |               |
|--|---------------|--|---------------|
| DATE RECEIVED REQUEST FOR<br>ADDITIONAL DETAIL | [Select Date] | SUBMITTAL DATE OF<br>ADDITIONAL DETAIL | [Select Date] |
|--|---------------|--|---------------|

**DETAILED DESCRIPTION / JUSTIFICATION:**

*(Include location(s), actions of contractor, owner, and other stakeholders, key events and related cause(s), discoveries, discussions, meetings, and effect on the contract if no action is taken. Also include references to key documents attached or available to support this change order request.)*

**In a letter dated August 6, 2019 Walsh Construction was directed to perform all work associated with this fiber relocation. Since the date of this letter there has been a cost reduction for this extra work by utilizing MOT for other scope of work. See attached letter for reference.**

**PROPOSED SOLUTION – ADDITIONAL DETAILS:**

*(Include proposed scope of work, means & methods, materials, equipment, utility relocation required, subcontracted scope and the effect on the contract schedule. Also include references to attached documents including, but not limited to, sketches, calculations, photos, material information, and submittals and meeting minutes.)*

**Walsh Construction to be compensated for the proposed cost to complete this work.**

**SIGNATURE**

**Contractor:**

Name: (print) Mike Herz

(signature) Michael Herz Date: October 28, 2020

*NOTE: The Contractor should retain a signed copy of this document for record.*

CHANGE ORDER REQUEST FORM

**CONTRACT NO.**

**B-36229-A**

**ATTACHMENT: UNIT PRICE ITEMS DETAIL**

Attach or paste a unit price item detail.



INNOVATIVE IDEAS  
EXCEPTIONAL DESIGN  
UNMATCHED CLIENT SERVICE

August 6, 2019

Mr. Mike Herz  
Walsh Construction  
1260 East Summit Street  
Crown Point, IN 46307

RE: Contract B-36229 Work Order

Dear Mr. Herz,

Walsh Construction is directed to perform all work as described below:

- **Scope of Work** – Relocation and Replacement of Town of Munster Fiber Optic, 144-Pair not incorporated in the original contract documents.
- **Affected Pay Items** – none
- **New Pay Items** –
  - Additional, Fiber Optic 144-Pair, Relocate
- **Total Monetary Adjustment** - \$54,182.45
- **Total Contract Time Adjustment** – No time extension is required for this work.
- **Date Work Expected to Begin** – Monday, August 19, 2019

A change order will be forthcoming to modify Contract B-36229 in accordance with the above.

Please contact me at 219-730-8585 if there are any questions or comments concerning this agreement.

Sincerely,

Lee Randell

DLZ Project Engineer

## WALSH CONSTRUCTION

### Extra Work Summary

Project Number: B-36229-A  
 Project Name: 45th and Calumet  
 Title: 144 Pair Town Fiber Optic Relocation\_R02

DATE: October 28, 2020

| Description  | Quantity | Unit | Unit Cost   | Mark-up Rule | Mark-up Cost | Total Unit  | Total Cost  |
|--|----------|------|---|--------------|--------------|---|---|
| Hawk Enterprises - Install, Splice, Test Fiber Optic | 1        | LS   | <span style="border: 1px solid black; padding: 2px;">\$33,565.44</span><br><del>\$33,565.45</del> | S2           | \$2,439.58   | <span style="border: 1px solid black; padding: 2px;">\$36,005.02</span><br><del>\$36,005.03</del> | <del>\$36,005.03</del>  |
| Bond and Insurance Cost (.0129%)                     | 1        | LS   | \$464.46  | S1           | \$46.45      | \$510.91  | \$510.91  |
| <b>Total Extra Work =</b>                            |          | 1 LS |   |              |              |   | <del>\$36,515.94</del>  |
|  |          |      |   |              |              |   | <span style="border: 1px solid black; padding: 2px;">\$36,515.93</span> |

$$\$36,515.94 / 1200' = \$30.43/ft$$

furnish and install handhole for splice enclosure (144)

December 2019 Rates

Rates Updated: 1/1/2019

**Labor**



|                               | Hours | Rate      | Burdens | Total     | Subtotal          |
|-------------------------------|-------|-----------|---------|-----------|-------------------|
| General Foreman               | 2     | \$55.74 ✓ | \$32.10 | \$87.84 ✓ | \$175.68 ✓        |
| Foreman                       |       | \$48.65   | \$28.79 | \$77.44   | \$0.00            |
| Lineman                       |       | \$44.40   | \$26.80 | \$71.20   | \$0.00            |
| Equipment Operator            | 2     | \$44.40 ✓ | \$26.80 | \$71.20 ✓ | \$142.40 ✓        |
| Groundman Equip. Operator     |       | \$43.00   | \$26.15 | \$69.15   | \$0.00            |
| Senior Groundman Truck Driver | 2     | \$30.79 ✓ | \$20.44 | \$51.23 ✓ | \$102.46 ✓        |
| Groundman                     |       | \$25.44   | \$17.94 | \$43.38   | \$0.00            |
| <b>Labor Total</b>            |       |           |         |           | <b>\$420.54 ✓</b> |

**Equipment**

Rates Updated: 1/2/19

Burdens = 46.76% + \$6.04/hr

| Description                 | Hours | Rate    | Extension  |
|-----------------------------|-------|---------|------------|
| On-Highway Light Duty Truck | 2     | \$23.24 | \$46.48 ✓  |
| On-Highway Flatbed Truck    |       | \$40.03 | \$0.00     |
| On-Highway Rear Dump        | 2     | \$47.29 | \$94.58 ✓  |
| Wheel Mtd. Hyd. Excavator   | 2     | \$91.52 | \$183.04 ✓ |
| Truck w/ Articulating Lift  |       | \$54.26 | \$0.00     |
| Truck w/ Telescopic Lift    |       | \$58.39 | \$0.00     |
| Trailer                     |       | \$11.13 | \$0.00     |
| Skid Steer Loader           |       | \$33.80 | \$0.00     |
| Generator                   | 2     | \$6.06  | \$12.12 ✓  |
| Cut-off Saw                 |       | \$2.40  | \$0.00     |
| Conduit Bender              |       | \$7.85  | \$0.00     |
| Air Compressor              |       | \$17.65 | \$0.00     |
| Walk-Behind Saw             |       | \$25.71 | \$0.00     |
| Crack Filler (Loop )        |       | \$10.14 | \$0.00     |
| Directional Boring Machine  |       | \$74.94 | \$0.00     |
| INNO 1ZR fusion splice kit  |       | \$10.22 | \$0.00     |
| EXFO Fiber inspection pro   |       | \$5.78  | \$0.00     |
| EXFO 720C                   |       | \$8.04  | \$0.00     |
| INTECH 8x12 TA2             |       | \$15.28 | \$0.00     |

**Equipment Total \$336.22 ✓**

**Material**

| Description         | Quantity | Cost         | Extension  |
|---------------------|----------|--------------|------------|
| 1 handhole 36x60x48 | 1        | \$1,810.25 ✓ | \$1,810.25 |
| 2. stone            | 1        | \$20.00      | \$20.00    |
| 3.                  |          |              | \$0.00     |
| 4.                  |          |              | \$0.00     |
| 5.                  |          |              | \$0.00     |
| 6.                  |          |              | \$0.00     |

**Material Total \$1,830.25 ✓**

|                            |                              |                            |                     |
|----------------------------|------------------------------|----------------------------|---------------------|
| <b>Labor Total</b> 20%     | <b>Sub Totals</b> \$420.54 ✓ | <b>+ mark-up</b> \$84.11 ✓ | \$504.65 ✓          |
| <b>Equipment Total</b> 12% | \$336.22 ✓                   | \$40.35 ✓                  | \$376.57 ✓          |
| <b>Material Total</b> 12%  | \$1,830.25 ✓                 | \$219.63 ✓                 | \$2,049.88 ✓        |
|                            |                              | <b>Total:</b>              | <b>\$2,931.09 ✓</b> |
|                            |                              |                            | <b>\$ 2,931.10</b>  |



120 S Wright St  
 Delavan, WI 53115  
 262.249.8705  
 www.mtlpic.us

RECEIVED NOV 1 2018

# Invoice

Invoice #  
 Terms  
 Due Date  
 PO #  
 Ship Via  
 Ship Date  
 Tracking #  
 FOB

18-77958a  
 Net 30  
 12/2/2018  
 1744-1  
 Less Than TL  
 11/2/2018  
 02-1645708

**Bill To**  
 Hawk Enterprises  
 1850 EAST NORTH STREET  
 Crown Point IN 46307

**Ship To**  
 Hawk Enterprises  
 1850 EAST NORTH STREET  
 Crown Point IN 46307

**Date** 11/2/2018 **Project:**  
**Stock**

| Item       | Quantity | Description  |          |          |           |
|------------|----------|--|----------|----------|-----------|
| 400-300511 | 4        | Hand Hole Assembly, Polymer Concrete, 36" x 60" x 48", 37,500# Rated, 2 Piece Cover, Fiber Optic Logo (25-30 Working Days) | 1,575.00 | 6,300.00 | 11/6/2018 |

Thank you for your business!  
 Please note: Millennium retains ownership rights to all products associated with this invoice until such time as payment is received in full. If payment is not received within agreed upon terms there is an 18% annual service charge (1.5% per month, monthly compounding) which will be applied and due upon receipt of the service charge invoice.

Subtotal 6,300.00  
 Shipping (Less Than TL) 941.47  
 Total \$7,241.47

= \$1810.37

|         |           |           |      |      |             |
|---------|-----------|-----------|------|------|-------------|
| Current | 1-30 days | 31-60     |      |      |             |
| 0.00    | 8,391.95  | 20,880.00 | 0.00 | 0.00 | \$29,271.95 |

install fiber (144)

**Labor****December 2019 Rates**

Rates Updated:

1/1/2019

|                               | Hours | Rate      | Burdens | Total     | Subtotal            |
|-------------------------------|-------|-----------|---------|-----------|---------------------|
| General Foreman               | 8     | \$55.74 ✓ | \$32.10 | \$87.84 ✓ | \$702.72 ✓          |
| Foreman                       | 8     | \$48.65 ✓ | \$28.79 | \$77.44 ✓ | \$619.52 ✓          |
| Lineman                       | 8     | \$44.40 ✓ | \$26.80 | \$71.20 ✓ | \$569.60 ✓          |
| Equipment Operator            | 8     | \$44.40 ✓ | \$26.80 | \$71.20 ✓ | \$569.60 ✓          |
| Groundman Equip. Operator     |       | \$43.00   | \$26.15 | \$69.15   | \$0.00              |
| Senior Groundman Truck Driver | 16    | \$30.79 ✓ | \$20.44 | \$51.23 ✓ | \$819.68 ✓          |
| Groundman                     |       | \$25.44   | \$17.94 | \$43.38   | \$0.00              |
| <b>Labor Total</b>            |       |           |         |           | <b>\$3,281.12 ✓</b> |

**Equipment**

Rates Updated: 1/2/19

**Burdens = 46.76% + \$6.04/hr**

| Description                 | Hours | Rate    | Extension  |
|-----------------------------|-------|---------|------------|
| On-Highway Light Duty Truck | 32    | \$23.24 | \$743.68 ✓ |
| On-Highway Flatbed Truck    |       | \$40.03 | \$0.00     |
| On-Highway Rear Dump        |       | \$47.29 | \$0.00     |
| Wheel Mtd. Hyd. Excavator   |       | \$91.52 | \$0.00     |
| Truck w/ Articulating Lift  | 8     | \$54.26 | \$434.08 ✓ |
| Truck w/ Telescopic Lift    |       | \$58.39 | \$0.00     |
| Trailer                     |       | \$11.13 | \$0.00     |
| Skid Steer Loader           |       | \$33.80 | \$0.00     |
| Generator                   |       | \$6.06  | \$0.00     |
| Cut-off Saw                 |       | \$2.40  | \$0.00     |
| Conduit Bender              |       | \$7.85  | \$0.00     |
| Air Compressor              |       | \$17.65 | \$0.00     |
| Walk-Behind Saw             |       | \$25.71 | \$0.00     |
| Crack Filler (Loop )        |       | \$10.14 | \$0.00     |
| Directional Boring Machine  |       | \$74.94 | \$0.00     |
| INNO 1ZR fusion splice kit  |       | \$10.22 | \$0.00     |
| EXFO Fiber inspection pro   |       | \$5.78  | \$0.00     |
| EXFO 720C                   |       | \$8.04  | \$0.00     |
| INTECH 8x12 TA2             |       | \$15.28 | \$0.00     |

**Equipment Total****\$1,177.76 ✓****Material**

| Description          | Quantity | Cost     | Extension    |
|----------------------|----------|----------|--------------|
| 1 rental of cap stan | 1        | \$550.00 | \$550.00 ✓   |
| 2. fiber pulling gel | 5        | \$18.00  | \$90.00 ✓    |
| 3. mule tape         | 1200     | \$0.12   | \$144.00 ✓   |
| 4. 144 fiber         | 1200     | \$0.93 ✓ | \$1,116.00 ✓ |
| 5.                   |          |          | \$0.00       |
| 6.                   |          |          | \$0.00       |

Cap Stan  
 $\$2,132.50/\text{mo} / 4 \text{ weeks} = \$533.13/\text{week}$   
 $62 \text{ hours} / 40 \text{ hours/wk} = 1.55 \text{ weeks}$   
 $\$533.13/\text{wk} \times 1.55 \text{ weeks} = \$826.34$   
 $\$550.00 \text{ weekly rental} < \$826.34$

**Material Total****\$1,900.00 ✓**

|                            |                   |                  |                     |
|----------------------------|-------------------|------------------|---------------------|
| <b>Labor Total</b> 20%     | <b>Sub Totals</b> | <b>+ mark-up</b> |                     |
|                            | \$3,281.12 ✓      | \$656.22 ✓       | \$3,937.34 ✓        |
| <b>Equipment Total</b> 12% | \$1,177.76 ✓      | \$141.33 ✓       | \$1,319.09 ✓        |
| <b>Material Total</b> 12%  | \$1,900.00        | \$228.00 ✓       | \$2,128.00 ✓        |
| <b>Total:</b>              |                   |                  | <b>\$7,384.44 ✓</b> |

#7,384.43





Millennium  
120 S Wright St.  
Delavan, WI 53115

## Quotation

**Bill To**  
Hawk Enterprises  
(219) 662-8090  
1850 EAST NORTH STREET  
Crown Point IN 46307

**Ship To**  
Hawk Enterprises  
(219) 662-8090  
1850 EAST NORTH STREET  
Crown Point IN 46307

**Date** 5/29/2019  
**Quote #** HAE-190529  
**Expires** 6/28/2019  
**Sales Rep** Tyler Baccari  
**Warehouse Location**  
**Memo** 144 Fiber  
**Project Name**  
**Freight Terms** Pre-Pay and Add

| Line | Item       | Quantity | Description  | Price (USD) | Total (USD) |
|------|------------|----------|--|-------------|-------------|
| 1    | 500-100079 | 1,200    | Fiber Cable, Singlemode, 144 Ct, Single Jacket, Dielectric, Loose Tube, Zero Water Peak, Dry/Dry | 0.93        | 1,116.00    |

Quotes are valid for 30 days and freight terms are prepaid & add unless otherwise noted. Lead times if quoted are ARO and subject to change. Minimum order quantities may apply to specific line items. Copper terms: quotes are based on the CU index at the time of quote and are subject to adjustment at shipment if COMEX CU base exceeds the quoted value by .20.

$$\$1116 / 1200' = \$0.93/FT$$

**Total (USD)** **\$1,116.00**

Fiber splicing at night (144)

**Labor****December 2019 Rates**

Rates Updated:

1/1/2019

|                               | Hours | Rate      | Burdens | Total              | Subtotal            |
|-------------------------------|-------|-----------|---------|--------------------|---------------------|
| General Foreman               | 12    | \$55.74 ✓ | \$32.10 | \$87.84 ✓          | \$1,054.08 ✓        |
| Foreman                       | 24    | \$48.65 ✓ | \$28.79 | \$77.44 ✓          | \$1,858.56 ✓        |
| Lineman                       | 12    | \$44.40 ✓ | \$26.80 | \$71.20 ✓          | \$854.40 ✓          |
| Equipment Operator            | 12    | \$44.40 ✓ | \$26.80 | \$71.20 ✓          | \$854.40 ✓          |
| Groundman Equip. Operator     |       | \$43.00   | \$26.15 | \$69.15            | \$0.00              |
| Senior Groundman Truck Driver | 24    | \$30.79 ✓ | \$20.44 | \$51.23 ✓          | \$1,229.52 ✓        |
| Groundman                     |       | \$25.44   | \$17.94 | \$43.38            | \$0.00              |
|                               |       |           |         | <b>Labor Total</b> | <b>\$5,850.96 ✓</b> |

**Equipment**

Rates Updated: 1/2/19

**Burdens = 46.76% + \$6.04/hr**

| Description                 | Hours | Rate    | Extension  |
|-----------------------------|-------|---------|------------|
| On-Highway Light Duty Truck | 16    | \$23.24 | \$371.84 ✓ |
| On-Highway Flatbed Truck    | 16    | \$40.03 | \$640.48 ✓ |
| On-Highway Rear Dump        |       | \$47.29 | \$0.00     |
| Wheel Mtd. Hyd. Excavator   |       | \$91.52 | \$0.00     |
| Truck w/ Articulating Lift  | 16    | \$54.26 | \$868.16 ✓ |
| Truck w/ Telescopic Lift    |       | \$58.39 | \$0.00     |
| Trailer                     |       | \$11.13 | \$0.00     |
| Skid Steer Loader           |       | \$33.80 | \$0.00     |
| Generator                   |       | \$6.06  | \$0.00     |
| Cut-off Saw                 |       | \$2.40  | \$0.00     |
| Conduit Bender              |       | \$7.85  | \$0.00     |
| Air Compressor              |       | \$17.65 | \$0.00     |
| Walk-Behind Saw             |       | \$25.71 | \$0.00     |
| Crack Filler (Loop )        |       | \$10.14 | \$0.00     |
| Directional Boring Machine  |       | \$74.94 | \$0.00     |
| INNO 1ZR fusion splice kit  | 16    | \$10.22 | \$163.52 ✓ |
| EXFO Fiber inspection pro   |       | \$5.78  | \$0.00     |
| EXFO 720C                   | 16    | \$8.04  | \$128.64 ✓ |
| INTECH 8x12 TA2             | 16    | \$15.28 | \$244.48 ✓ |

**Equipment Total****\$2,417.12 ✓****Material**

| Description                  | Quantity | Cost     | Extension  |
|------------------------------|----------|----------|------------|
| 1 splice enclosure           | 2        | \$520.00 | \$1,040.00 |
| 2. fiber splices heat shrink | 24       | \$0.42   | \$10.08 ✓  |
| 3. cleaning supplies         | 2        | \$25.00  | \$50.00 ✓  |
| 4.                           |          |          | \$0.00     |
| 5.                           |          |          | \$0.00     |
| 6.                           |          |          | \$0.00     |

**Material Total****\$1,100.08 ✓ < \$1357.13**

|                            |                   |                  |                    |
|----------------------------|-------------------|------------------|--------------------|
| <b>Labor Total</b> 20%     | <b>Sub Totals</b> | <b>+ mark-up</b> |                    |
|                            | \$5,850.96 ✓      | \$1,170.19 ✓     | \$7,021.15 ✓       |
| <b>Equipment Total</b> 12% | \$2,417.12 ✓      | \$290.05 ✓       | \$2,707.17 ✓       |
| <b>Material Total</b> 12%  | \$1,100.08 ✓      | \$132.01 ✓       | \$1,232.09 ✓       |
|                            |                   | <b>Total:</b>    | <b>\$10,960.42</b> |

**#10,960.42**



120 S Wright St  
Delavan, WI 53115  
262.249.8705  
www.mtlpic.us

## Invoice

Invoice #

10-83533-1

Terms

Net 30

Due Date

3/17/2019

PO #

37450

Ship Via

UPS Ground

Ship Date

2/15/2019

Tracking #

1ZE650060398889934

FOB

### Bill To

Hawk Enterprises  
(219) 662-8080  
1850 EAST NORTH STREET  
Crown Point IN 46307

### Ship To

Hawk Enterprises  
(219) 662-8080  
1850 EAST NORTH STREET  
Crown Point IN 46307

Project

D cases and trays

Date

2/15/2019

| Item       | Quantity | Description  | Unit Price | Amount   | Estimated ... |
|------------|----------|--|------------|----------|---------------|
| 150-100045 | 3        | Dome Splice Closure, Gel, includes 6 cable entry ports and attachments, no trays, slack basket, 6 ground lugs and flesh valve. 11.5" x 30", Tyco (831866-000), FOSC450-D6-8-NT0-D6V, 576f max single/ 1152f max ribbon | 390.00     | 1,170.00 | 2/15/2019     |

Thank you for your business!

Please note: Millennium retains ownership rights to all products associated with this invoice until such time as payment is received in full. If payment is not received within agreed upon terms there is an 18% annual service charge (1.6% per month, monthly compounding) which will be applied and due upon receipt of the service charge invoice.

Subtotal 1,170.00  
Shipping (UPS Ground) 70.24  
Total \$1,240.24

= \$413.41

| Current  | 1-30 Days | 31-60 Days | 61-90 Days | Over 90 Days | Account Total |
|----------|-----------|------------|------------|--------------|---------------|
| 1,174.98 | 1,483.15  | 0.00       | 0.00       | 0.00         | \$2,658.13    |



120 S Wright St  
Delavan, WI 53115  
262.249.8705  
www.mtlc.us

# Invoice

Invoice #

19-83533-2

Terms

Net 30

Due Date

3/29/2019

PO #

37450

Ship Via

UPS Next Day Air 10:3...

Ship Date

2/27/2019

Tracking #

1Z2021EF0191564653

FOB

Bill To

Hawk Enterprises  
1850 EAST NORTH STREET  
Crown Point IN 46307

Ship To

Hawk Enterprises  
(219) 862-8090  
1850 EAST NORTH STREET  
Crown Point IN 46307

Project

D cases and trays

Date

2/27/2019

| Item  | Quantity | Description   | Unit Price | Amount | Estimated ... |
|---|----------|---|------------|--------|---------------|
| 150-110056  | 18       | Splice Tray, 36ct, TE D Case, Sold Per Pair,<br>Price Per Each<br>(Coming in to stock)<br>*Lead 1 week* | 26.00      | 416.00 | 2/27/2019     |
| $\$1240.24 + \$530.30 = \$1770.54$ $(\$413.41 \times 2) + \$530.30 = \$1357.13$ |          |   |            |        |               |

Thank you for your business!

Please note: Millennium retains ownership rights to all products associated with this invoice until such time as payment is received in full. If payment is not received within agreed upon terms there is an 18% annual service charge (1.5% per month, monthly compounding) which will be applied and due upon receipt of the service charge invoice.

Shipping (UPS Next Day Air 10:30am) 416.00  
Subtotal 114.30  
Total \$530.30

| Current | 1-30 Days | 31-60 Days | 61-90 Days | Over 90 Days | Account Total |
|---------|-----------|------------|------------|--------------|---------------|
| 530.30  | 8,210.79  | 0.00       | 0.00       | 0.00         | \$8,741.09    |

Fiber splicing (132)

**Labor****HAWK****December 2019 Rates**

Rates Updated:

1/1/2019

|                               | Hours | Rate      | Burdens | Total     | Subtotal            |
|-------------------------------|-------|-----------|---------|-----------|---------------------|
| General Foreman               |       | \$55.74   | \$32.10 | \$87.84   | \$0.00              |
| Foreman                       | 40    | \$48.65 ✓ | \$28.79 | \$77.44 ✓ | \$3,097.60 ✓        |
| Lineman                       | 40    | \$44.40 ✓ | \$26.80 | \$71.20 ✓ | \$2,848.00 ✓        |
| Equipment Operator            |       | \$44.40   | \$26.80 | \$71.20   | \$0.00              |
| Groundman Equip. Operator     |       | \$43.00   | \$26.15 | \$69.15   | \$0.00              |
| Senior Groundman Truck Driver |       | \$30.79   | \$20.44 | \$51.23   | \$0.00              |
| Groundman                     |       | \$25.44   | \$17.94 | \$43.38   | \$0.00              |
| <b>Labor Total</b>            |       |           |         |           | <b>\$5,945.60 ✓</b> |

**Equipment**

Rates Updated: 1/2/19

**Burdens = 46.76% + \$6.04/hr**

| Description                 | Hours | Rate    | Extension    |
|-----------------------------|-------|---------|--------------|
| On-Highway Light Duty Truck | 40    | \$23.24 | \$929.60 ✓   |
| On-Highway Flatbed Truck    |       | \$40.03 | \$0.00       |
| On-Highway Rear Dump        |       | \$47.29 | \$0.00       |
| Wheel Mtd. Hyd. Excavator   |       | \$91.52 | \$0.00       |
| Truck w/ Articulating Lift  | 40    | \$54.26 | \$2,170.40 ✓ |
| Truck w/ Telescopic Lift    |       | \$58.39 | \$0.00       |
| Trailer                     |       | \$11.13 | \$0.00       |
| Skid Steer Loader           |       | \$33.80 | \$0.00       |
| Generator                   |       | \$6.06  | \$0.00       |
| Cut-off Saw                 |       | \$2.40  | \$0.00       |
| Conduit Bender              |       | \$7.85  | \$0.00       |
| Air Compressor              |       | \$17.65 | \$0.00       |
| Walk-Behind Saw             |       | \$25.71 | \$0.00       |
| Crack Filler (Loop )        |       | \$10.14 | \$0.00       |
| Directional Boring Machine  |       | \$74.94 | \$0.00       |
| INNO 1ZR fusion splice kit  | 40    | \$10.22 | \$408.80 ✓   |
| EXFO Fiber inspection pro   |       | \$5.78  | \$0.00       |
| EXFO 720C                   | 40    | \$8.04  | \$321.60 ✓   |
| INTECH 8x12 TA2             | 40    | \$15.28 | \$611.20 ✓   |

**Equipment Total****\$4,441.60 ✓****Material**

| Description                  | Quantity | Cost    | Extension  |
|------------------------------|----------|---------|------------|
| 1.                           |          |         | \$0.00     |
| 2. fiber splices heat shrink | 264      | \$0.42  | \$110.88 ✓ |
| 3. cleaning supplies         | 1        | \$50.00 | \$50.00 ✓  |
| 4.                           |          |         | \$0.00     |
| 5.                           |          |         | \$0.00     |
| 6.                           |          |         | \$0.00     |

**Material Total****\$160.88 ✓**

|                            |                   |                  |                      |
|----------------------------|-------------------|------------------|----------------------|
| <b>Labor Total</b> 20%     | <b>Sub Totals</b> | <b>+ mark-up</b> |                      |
|                            | \$5,945.60 ✓      | \$1,189.12 ✓     | \$7,134.72 ✓         |
| <b>Equipment Total</b> 12% | \$4,441.60 ✓      | \$532.99 ✓       | \$4,974.59 ✓         |
| <b>Material Total</b> 12%  | \$160.88 ✓        | \$19.31 ✓        | \$180.19 ✓           |
|                            |                   | <b>Total:</b>    | <b>\$12,289.50 ✓</b> |



