



# Stacy and Witbeck

January 23, 2023

On Call Services

Mr. Kyle Stockley  
Rail Infrastructure Project Manager  
Utah Transit Authority  
2264 South 900 West  
South Salt Lake City, UT 84119

Reference: On-Call Transit Infrastructure Construction, Maintenance and Repair  
Project No: 20-03349VW

Subject: 23-605 - 2023 Grade Crossing OTM Procurement

Dear Kyle:

We are pleased to provide the attached cost estimate to procure the required track materials (boot, steel ties, transitions tie clips/insulators, and rebar) required to construct 10 embedded grade crossings located at the following locations throughout the TRAX system:

- Duckhorn Drive
- South Jordan Parkway
- Pipestone Way
- Lake Run Road
- Burntside Ave.
- Bingham Rim Road
- 10200 South
- 300 West
- Redwood Rd.
- 2320 South

Exclusions:

- Railroad Flagging
- Track to Earth Testing
- Sales Tax on Permanent Materials

Clarifications:

- Please see detailed list of each bid item below.
- The unit costs for each bid item includes the costs of insurance, bond, and risk at the agreed upon rates.
- The scope of work is inclusive of only the items and scope that are listed below. Any other items of work or changes to the below scope will need to be repriced.

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1958 West North Temple  
Salt Lake City, UT 84116  
801.666.7840 (office) 801.432.7849 (fax)

# Stacy and Witbeck

**Bid Item 1000 – Field Engineering and Project Controls – 1 LS – Total of \$9,034.00** – This bid item includes Stacy and Witbeck field support from field engineer to manage construction. The field engineer will also perform pre-task planning and coordination with UTA. This item also includes office manager time for payroll and accounts payable.

**Bid Item 2000 – Safety Program and Administration – 1 LS – Total of \$1,521.00** – Cost of Safety Supplies, safety personnel to visit the site, and incidental drug testing.

**Bid Item 4000 – Embedded OTM Procurement – 1 LS – Total of \$132,981.00** – This bid item includes the cost to purchase and unload all necessary rail boot and epoxy coated steel ties required for all 10 crossings.

**Bid Item 4100 – Rebar Procurement – 1 LS – Total of \$79,589.00** – This bid item includes the cost to purchase, deliver, and unload the required epoxy coated rebar for all 10 crossings.

**Bid Item 4200 – Transition Tie OTM Procurement – 1 LS – Total of \$13,286.00** – This bid item includes the cost to purchase and unload all necessary clips, insulators, and pads on the UTA provided concrete transition ties.

**Bid Item 100000 – Fee (7.5%) – 1 LS – Total of \$17,730.00** – This is the agreed to 7.5% GMGC fee.

The total price for this scope of work is **\$254,141.00**

If you have any questions, please contact me.

Sincerely,  
Stacy and Witbeck, Inc.



Collin Christensen  
Project Manager

01/23/2023

15:21

23-605

2023 Grade Crossing OTM Procurement

\*\*\* Collin Christensen, CC

**BID TOTALS**

<u>Biditem</u>	<u>Description</u>	<u>Quantity</u>	<u>Units</u>	<u>Unit Price</u>	<u>Bid Total</u>
1000	Field Engineering & Project Controls	1.000	LS	9,034.00	9,034.00
2000	Safety Program & Administration	1.000	LS	1,521.00	1,521.00
4000	Embedded OTM Procurement	1.000	LS	132,981.00	132,981.00
4100	Rebar Procurement	1.000	LS	79,589.00	79,589.00
4200	Transition Tie OTM Procurement	1.000	LS	13,286.00	13,286.00

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Subtotal \$236,411.00

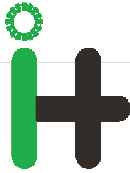
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100000	Fee (7.5%)	1.000	LS	17,730.00	17,730.00
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Bid Total =====> \$254,141.00

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# Iron Horse Engineering Co.

Corporate Office  
15567 Main Market RD  
Parkman OH 44080  
Phone 440-548-2005  
Fax 440-548-2115

Larry Margolin  
Engineer Sales Manager  
Phone 971-645-5276  
[larrym@ironhorseeng.com](mailto:larrym@ironhorseeng.com)

Quotation To:

Collin Christensen  
Stacy and Witbeck  
Mobile: 801.420.1708  
cchristensen@stacywitbeck.com

Confidential: Intended only for the use of the parties receiving this quotation  
Any transmission of information contained herein in any format is expressly forbidden  
without written consent from IronHorse Engineering.

Quotation #: 2301-4003 R1  
Project: Salt Lake City UTA  
Date: 01/23/23

QUANTITY	UNIT	PART #	ITEMS/DESCRIPTION	UNIT PRICE	TOTAL
4,500	LF	IHEC 115# RailBoot Part # 12.320	IHECO 115RE Rail Boot for 115RE Embedded Rail Installation accessories included: Joining Cuff Tape, zip ties and rail head tape.	\$12.96	\$58,320.00
23	Rolls	IHECO Rail Head Tape	9" with Rail Head Tape for embedded track pours. 100 yards per roll - 300lf 23 rolls = 6,210LF	\$102.00	\$2,346.00
8	Rolls	IHECO Cuff tape Part # 32.106	Sticky back Cuff tape. 12" wide x 50 LF EPDM Joint Cuff Tape	\$212.00	\$1,696.00
220	EA	IHEC 115# Steel Tie Part #22.189	Steel Support Tie for booted 115RE Rail. Single Rail with 1:40 cant shims and epoxy coating. Shipped with 2ea 1-1/4" Leveling legs (13" Long), 4x4 Base Plates, 4ea 12.310 Clips, 4ea Bolts, Washers.	\$188.00	\$41,360.00
2	EST	Freight	Single Truckload Freight from Ohio	\$5,000.00	\$10,000.00

Terms and Conditions

- 1 These prices constitute a qualified offer by IHECO to furnish the material listed above, based on the information we currently have regarding the types and quantity of materials to be furnished for this project. We reserve the right to amend these prices if we are subsequently furnished material specs and plans which vary from previous information, or if quantities for any part are significantly changed.
- 2 Production: 12-16 weeks
- 3 Prices are based on truck load shipments. Customer will pay for freight on any less than truckload (LTL) shipments that are made at the request of the customer
- 4 Prices are quoted FOB Parkman, OH, USA - Freight To Salt Lake City - based on full truck loads
- 5 Prices will remain in effect for 180 days and held with letter of intent.
- 6 Prices do not include any taxes, duties or tariffs of any kind.
- 7 Commercial Terms of Payment: TBD
- 8 All products listed conform to "Buy America" requirements.
- 9 No returns accepted after 90days, shortages must be reported within 3 days. Returns on stock items only, no returns on custom orders. Returns are subject to a 30% restocking fee.
- 10 Included on-site training and support by IronHorse Representatives periodically and as needed.

Notes on Reels and Steel Shipping Crates: Ironhorse Railboot shipped on steel reels, it is understood the contractor will break down reels for COD full truck return to Ironhorse.  
Ironhorse OTM shipped in steel crates and are expected to be returned with boot reels. Ironhorse does not charge upfront for reels but expects to be able to re-use them for future jobs upon return in workable shape. Ironhorse will charge \$350 for Each steel reel not returned. We understand that our steel crate shipping containers are great on the jobsite but we do expect receive them back. Ironhorse will charge \$100 for Each steel crate not returned.

Submitted By: Iron Horse Engineering Co.

Larry Margolin 1/23/2023  
Larry Margolin Date

Portland, Oregon USA  
971-645-5276

**DG & S Construction****P.O. Box 730 West Jordan, UT 84084****(801) 280-3680 Fax (801) 280-8370****Email: danielbarela1@comcast.com****(DBE Contractor)****Bid Date:** January 23, 2023 (Revised)**Contact:** Dan Barela**To:** Stacy and Witbeck  
**Project:** 2023 UTA Crossing**Fax:**  
**Project #:**

<b>Furnish &amp; Install Reinforcing Steel Only</b>				<b>FOB Jobsite</b>		<b>Taxes Included</b>
<b>Bid Item</b>	<b>Description</b>		<b>Est Qty</b>	<b>Unit Price</b>		
	Epoxy Rebar UTA Track Crossing Approximately 2,140' Per Email 1/9/2023 (Will Call Harris's Yard)					
	Reinforcing Steel Material		LB	47,100	1.34	63,114.00
	Installation of reinforcing steel		LB	47,100	1.25	58,875.00
	Delivery per Location		EA			350.00
	<b>Addendums #</b>					

Prices are good for Seven (7) days. Letter of intent to Subcontract must be in our office no later than 7 days after bid opening.

**Wage Rate Union Ironworker, Reinforcing Decision # UT20230044 1/6/2023**

- ❖ **BID DOES NOT INCLUDE:** Pre-stressed Reinforcing, Special Grades, Welding Rebar to Piling, Welded Wire Fabric, Special End Preps (Threading, Sawing, etc.), Smooth Round Bar, No Drilling or Epoxying of Rebar, Mechanical Splices & Couplers, Labor or Accessories for Post Tensioning. Electrical Ductbank Reinforcing, Masonry Reinforcing, Dowel Baskets.
  - ❖ Price for a Payment & Performance Bond & costs associated with obtaining a bond. (Rate 2.8%)
1. General Contractor to provide adequate and necessary hoisting, dowel protection, sanitation facilities, necessary templates, scaffolding and safety handrail. General Contractor must ensure that trucks are unloaded within 50 feet of final placement.
  2. The unit prices provided herein are based on the estimated quantities provided to bidder for the sole purpose of submitting this proposal. In the event the actual shipped quantities increase from the estimate, any material provided beyond the estimated quantities will be charged at a unit rate reflecting current market pricing. In the event quantities decrease for any reason whatsoever from estimated quantities, bidder shall be compensated for all costs associated with reduction in quantities.
  3. The pricing of this proposal is based on delivery start date of no later than **2/11/2023**. If the start of project is delayed, all material be subject to any increased costs incurred prior to the actual start date. Any material provided after **1/3/2024** will be subject to all additive supplier and producer price increases imposed from the date of this bid.
  4. All material shipped to jobsite to be billed at unit rates quoted, including standees and support bar. General Contractor to carry a min. of 4%-5% for standees, support, & splices.
  5. Our bid is based on our safety program which matches Utah OSHA Regulations. If your company safety program requires anything above those regulations, any costs related to those higher standards shall be at your expense.
  6. Any insurance required by the Contractor over what DG & S carries shall be at the Contractor's expense
  7. Subcontractor (DG & S) shall be given adequate time to complete work on project. Contractor must give a minimum of two days (48 Hours) of lead time to provide manpower to the various stages of construction.
  8. Our bid is based on a forty-hour work week (General Contractor work week). Anything over eight hours per day forty hours per week is overtime. Regular work shifts 7:00 AM to 3:30 PM.
  9. Contractor needs to furnish a construction schedule before DG & S commences work on project.
  10. Partial payments to subcontractor must be made at the same percentage as payment to Contractor by Owner. All progress payments not made to subcontractor within 20 calendar days after Contractor receive such payments from Owner are subject to a Finance Charge. The Finance Charge is computed by a "Periodic Rate", of 1 1/2% per month (18% annually). Should legal action be necessary for collection, Contractor must pay all legal fees including attorney fees.
  11. The Subcontractor's retention will be reduced proportionally as the Contractors retention is reduced by the Owner.
  12. DG & S Contractor's License #: 251634-5501 General liability carried by DG & S: General Aggregate \$2,000,000

# Sales Quotation

**Sold-To-Party**  
 STACY AND WITBECK, INC.  
 UT Invoices: khodges@stacywitbeck.com  
 1958 WEST NORTH TEMPLE  
 SALT LAKE CITY UT 84116

**Ship-To-Party**  
 STACY AND WITBECK, INC.  
 ATTN: COLLIN CHRISTENSEN 801.420.1708  
 1958 WEST NORTH TEMPLE  
 SALT LAKE CITY UT 84116

**Information**  
**Sales Quote No.** 20014223  
**Document Date** 01/13/2023  
**Customer No.** 1002287  
**Currency** USD  
**Contact Person** MARK HAMMONS  
**Contact Phone** (509) 921-7878  
**Contact Email** MHAMMONS@LBFOSTER.COM  
**Validity Start Date** 01/13/2023  
**Validity End Date** 02/13/2023  
**Job Number**

**Header Information**  
**Re:** UT Salt Lake City UTA OTM  
**Gross Weight:** 3,500 LB      **Net Weight:** 3,500 LB  
**Terms of payment:** Net 30 days, Subject to Corporate Credit Approval  
**Terms of Delivery:** DAT SALT LAKE CITY, UT  
**L.B. Foster Company Confidential and Proprietary Information. Intended for recipient's use only.**

Item	Material	Quantity	Unit Price	Amount
10	RM15090 CLIP E-CLIP PA ECL-2055 USA	1,400 EA	4.68 USD	6,552.00
20	RM15103 INSULATOR E-CLIP PA INS-4263	1,400 EA	1.82 USD	2,548.00
30	RM15110 PAD E-CLIP PA 7028E6	700 EA	3.40 USD	2,380.00
40	CT_TRUCK_CHARGES TRUCKING CHARGES	1 EA	515.25	515.25
<b>Items total:</b>				11,995.25
<b>Final amount:</b>				11,995.25

- Quote is valid for 30 days. Concrete tie pricing is fixed and firm for an order placed within 30 days and all ties shipped within 90 days of executed Purchase Order. Please reconfirm pricing prior to placing an order.
- Any changes in design, specifications, quantities, or delivery instructions will require a re-quote.
- Prices do not include sales tax, customs, duty, or brokerage fees.
- Lead-time based on plant capacity at the time of fully executed Purchase Order and receipt of approved submittals.
- Price excludes independent outside lab testing of ties and OTM but can be provided for an additional fee.\*
- CXT® concrete ties will be produced and tested per AREMA and PCI guidelines following CXT's Specification.
- Any variances between CXT's standard operating procedures and the customer specification identified in our internal bid review shall be resolved prior to the execution of a purchase order.