

TASK ORDER NO# 22-44

TASK ORDER NAME: East 9th Avenue Grade Crossing Replacement

PROJECT CODE: SGR385 40-7385.68912

This is Task Order No. 22-44 to the On Call Maintenance Contract entered into by and between Utah Transit Authority (UTA) and Stacy and Witbeck, Inc. (Contractor) as of February 2nd, 2021.

This Task Order is part of the On Call Maintenance Contract and is governed by the terms thereof.

The purpose of this Task Order is to specifically define the scope, schedule, lump sum price, and other terms applicable to the work identified herein.

UTA and Contractor hereby agree as follows:

1.0 SCOPE OF SERVICES

The scope of work for the Task Order #22-44 is hereby attached and incorporated into this Task Order.

2.0 SCHEDULE

The Substantial Completion Date for this Task is December 31st, 2022. The Final Acceptance Date for this Task is December 31st, 2022.

3.0 LUMP SUM PRICE

The price for this task order is a not to exceed \$204,448.00. Invoices will be billed on monthly basis for work completed to date.

4.0 APPLICABILITY OF FEDERAL CLAUSES

This Task Order does does not [Check Applicable] include federal assistance funds which requires the application of the Federal Clauses appended as Exhibit D to the On Call Maintenance Contract.

IN WITNESS WHEREOF, this Task Order has been executed by UTA and the Contractor or its appointed representative

UTAH TRANSIT AUTHORITY:

STACY AND WITBECK, INC.:

By: _____
Jay Fox, Executive Director Date
> \$200,000

By: DocuSigned by:
Collin Christensen _____
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By: _____
Mary DeLoretto, Chief Service Development Ofc. Date
< 200,000

Date: 3/28/2022

By: _____
Dave Hancock, Director of Capital Construction Date
< \$75,000

By: _____
Kyle Stockley, Project Manager Date
< \$25,000

DocuSigned by:
Mike Bell _____
Legal Review Procurement Review

Stacy and Witbeck

January 7, 2022

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: 22-604 - East 9th Ave. Embedded Grade Crossing

Dear Kyle:

We are pleased to provide the attached cost estimate to remove and replace the at-grade crossing at East 9th Ave. on the Mid-Jordan Line with 120 TF of embedded track crossing. The existing rail will be replaced with new 115# rail provided by UTA. Stacy and Witbeck has assumed the replacement will take place during one continuous shutdown with no trains running, and a bus bridge in affect to service UTA riders. A complete power down of the overhead contact wires will be required to safely perform the demolition portion of work on both tracks. We look forward to constructing this project for UTA this year at a mutually agreed upon schedule.

Exclusions:

- Railroad Flagging
- Track to Earth Testing
- Sales Tax on Permanent Materials
- OSC power down
- Taking crossings and signals out of service
- Any signal or comm related work items
- Grade Stabilization outside of Trackway
- Other Track Materials (Rail Boot, Steel Ties & Hardware)

Clarifications:

- Please see detailed list of each bid item below.
- 115# rail to be provided by UTA.
- SWI has assumed the replacement will take place during one continuous shutdown with no trains running, and a bus bridge in affect to service UTA riders
- The unit costs for each bid item includes the costs of insurance, bond, and risk at the agreed upon rates.
- We are excluding all utility relocations and conflicts from our pricing. Any conflicts or relocations will need to be addressed as a change of condition.
- 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.

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 \$17,041.00 – 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 1100 – Permits and Regulatory Approvals – 1 LS – Total \$2,240.00 – This bid item includes the cost to obtain all necessary city permits required to perform the work.

Bid Item 2000 – Safety Program and Administration – 1 LS – Total of \$3,755.00 – Cost of Safety Supplies, safety personnel to visit the site, and incidental drug testing.

Bid Item 2500 – Key Personnel Travel & Subsistence – 1 LS – Total \$5,503.00 – This bid item includes cost to provide travel arrangements and subsistence for 2 key track personnel for the duration of the work.

Bid Item 3000 – QC Program & Testing – 1 LS – Total \$9,672.00 – This bid item includes cost for SWI QC manager and Consolidated Engineering Laboratories to provide field and lab technicians to test and monitor materials. Also includes their management personnel to oversee testing and documentation. Includes weld testing performed by Quality Testing & Inspection (QTI).

Bid Item 5000 – Traffic and Pedestrian Control – 1 LS – Total of \$7,584.00 – This bid item includes the cost to provide traffic Control drawings for the closure and detours on 3200 West. Includes all traffic control devices and signage.

Bid Item 6000 – Construction Survey and Layout – 1 LS – Total \$4,481.00 – This bid item includes the cost for construction layout survey.

Bid Item 7000 – East 9th Ave. Embedded Grade Crossing – 120 TF - \$1,128.00 Per TF – Total \$135,360.00 – This bid item includes the following items.

- Item 7010– Roadway Striping – Includes reinstating all striping and pavement markings affected by the construction.
- Item 7020 – Demo Existing Crossing - Includes saw cutting, removal, haul off and dump fees for roadway, crossing, curb, sidewalk, and excavation.
- Item 7030 – Aggregate Base with Fabric - Includes aggregate base course under the embedded track, AC pavement, and curb.
- Item 7040 – Asphalt Cement Roadway Paving - Includes 36 SY of AC paving for a section of 2' on east side of the tracks. The entire asphalt section will not be replaced on this crossing
- Item 7050 – Concrete Sidewalk and Curb – Includes replacement of 221 SF of sidewalk and curb and gutter
- Item 7060 –Handle Track Materials - Includes transportation and handling of rail boot and steel ties for the embedded track. Includes loading and hauling of UTA provided rail.
- Item 7070 – Thermite Welding - Includes 12 115# thermite welds. Excludes weld testing. Weld testing included in Bid Item 3000

Stacy and Witbeck

- Item 7080 – Embedded Track Construction - Includes construction of 120 TF of embedded rail per the Sugar House Streetcar details. The dimensions of the track slab will vary from the Sugar House detail by using a 96" x 15" track slab, rather than an 84" x 15" track slab.
- Item 7090 – Ballasted Track Construction - Includes 10 TF (60 TF total) of construction and hand dressing of ballasted track on each end of the embedded track sections. Includes installation of new 10' transition ties (5 ties on each end). Purchase of ties not included in this proposal.
- Item 7100 – Stabilization Rock/Fabric – 53 CY of excavation 18" below the bottom elevation of the sub-ballast. Includes purchase and placement of geo-grid material and stabilization fabric, and placement of stabilization rock. This will only be performed and billed for if all parties determine stabilization is necessary.
- Item 7200 – This item is for temporary traffic access over the crossing during construction as there is no alternative access for businesses and public on the east side of the crossing. Steel plates will need to be swapped back and forth over the work to facilitate traffic access.

Bid Item 8000 – Rail Salvage Credit – 5 TN – (\$230/TN) – Total (\$1,150.00) – This item is a credit for the rail salvage price at the current anticipated steel salvage rates as provided by Western Metals Recycling.

Bid Item 10000 – Mobilization – 1 LS – Total \$5,699.00 – This bid item includes the cost for mobilizing heavy equipment to and from the project site prior to each shutdown, and final project cleanup. includes street sweeping, field sanitary expenses, temporary site lighting, field office supplies, and jobsite dumpster.

Bid Item 100000 – Fee (7.5%) – 1 LS – Total of \$14,263.00 – This is the agreed to 7.5% GMGC fee.

The total price for this scope of work is **\$204,448.00**

If you have any questions, please contact me.

Sincerely,
Stacy and Witbeck, Inc.



Collin Christensen
Project Manager

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

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 22-604 East 9th Ave. Embedded Crossing
 *** 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	17,041.00	17,041.00
1100	Permits & Regulatory Approvals	1.000	LS	2,240.00	2,240.00
2000	Safety Program & Administration	1.000	LS	3,755.00	3,755.00
2500	Key Personnel Travel & Subsistence	1.000	LS	5,503.00	5,503.00
3000	QC Program & Testing	1.000	LS	9,672.00	9,672.00
5000	Traffic & Pedestrian Control	1.000	LS	7,584.00	7,584.00
6000	Construction Survey/Layout	1.000	LS	4,481.00	4,481.00
7000	East 9th Ave. Embedded Crossing	120.000	TF	1,128.00	135,360.00
8000	Rail Salvage Credit	5.000	TN	-230.00	-1,150.00
10000	Mobilization	1.000	LS	5,699.00	5,699.00
Subtotal					\$190,185.00
100000	Fee (7.5%)	1.000	LS	14,263.00	14,263.00
Bid Total =====>					\$204,448.00