

ADDENDUM # 2

November 21, 2024

City of Sedalia Project Number: 2024-009

Sedalia Small Sewer Project “A”

Closing date: 2:00 P.M., Monday, December 2, 2024

Bidders shall note these changes to the above Request for Quotation and incorporate these changes in their submittal. Bidders shall attach a signed acknowledged copy of this addendum to their quotation.

This addendum consists of the following information:

Bid Date

The bid date has not been changed.

Bid Form

The bid form has been changed to increase the RailPros Construction Observation and Flagging for both Option #1 and Option #2 to 5 days of 24/7 coverage instead of 3 days. The revised bid form is enclosed with this Addendum #2.

Responses to Contractor Questions

See included pre-bid meeting minutes for responses to all Contractor questions asked during the pre-bid meeting.

Questions Received Outside Pre-Bid Meeting:

1. There are several testing options listed in KC APWA Specification Section 2500 for the testing requirements. Which testing methods will be required?
 - a. **ES&S Answer** – The Contractor shall preform a mandrel test and low pressure air test for the gravity sewers. The manholes will require vacuum testing. The City of Sedalia specific testing requirements for vacuum testing, mandrel testing, and low pressure air testing are attached to this Addendum #2.
 - b. **ES&S Answer** – The wet well will not require in-field testing as that is a pre-packaged fiberglass structure that will be tested by the manufacturer.
 - c. **ES&S Answer** – The forcemain will require hydrostatic pressure testing similar to water mains, per the KC APWA Specification 2500 the testing method will need to follow AWWA C605 (for PVC pipe rather than C600 for Ductile Iron) testing procedures and modified according to KC APWA Specification 2500 page 23.
 - i. The pressure test will be conducted at a minimum of 150 psi.
 - ii. The pressure test must be for at least 2 hours duration.
 - iii. The pressure must be held within +/- 5 psi of the specified test pressure throughout the duration of the test.
 - iv. The leakage test shall be conducted at 100 psi pressure and have an allowable leakage of 0.13 gal/hr per over the length of the pipe.
2. Is the City responsible for paying for the construction and testing observations to be preformed by Engineering Surveys & Services?
 - a. **ES&S Answer** – Yes, the city is paying for the Engineering Surveys & Services construction and testing observations directly. ES&S will not be performing testing, that is on the Contractor.

3. What permits are left for the contractor to process?
 - a. **ES&S Answer** – There are no permits that will be required for the Contractor to process. The USACE stream crossing permit is in hand. The U.P. Railroad crossing permit will be updated by Engineering Surveys & Services and will be in hand prior to construction.
 - b. **ES&S Answer** – The Contractor will be required to coordinate with ES&S and RailPros for completing the pre-construction documents/steps required to get RailPros under contract and scheduled. The RailPros documents and latest correspondence is included with the Addendum #2.
4. Will the City factor in the time it takes to get RailPros scheduled to be at the construction site when issuing the Notice to Proceed?
 - a. **ES&S Answer** – Yes, based on conversations with the City, they will not unilaterally issue the Notice to Proceed. They will coordinate with the Contractor to ensure that they are ready for construction to begin prior to issuing the Notice to Proceed so that the 60-day substantial completion timeframe is not spent waiting for RailPros to be available.

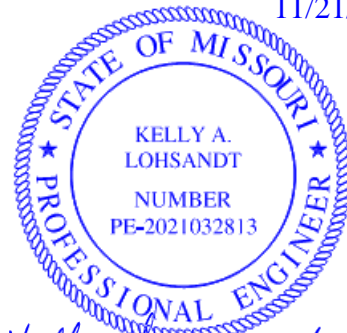
Project Manual

The project manual other than the bid form and the RailPros attachments (which are both provided with Addendum #2) has not changed.

11/21/2024

Plans

The plans have not changed.



Kelly Lohsandt

Kelly Lohsandt, P.E.
MO PE-2021032813

ACKNOWLEDGEMENT

The undersigned bidder hereby certifies that the changes set forth in this addendum have been incorporated in their bid and is a part of the project.

FIRM _____

Date _____

SIGNED _____

Title _____

Sedalia Sanitary Sewer Project "A" - BID FORM**OPTION #1 - FORCE MAIN & LIFT STATION SEWER PLAN**

November 21, 2024

Item No.	Description	Unit	Estimated Quantity	Bid Unit Price	Bid Price
1	MOBILIZATION	LS	1		
2	CONNECT TO EXISTING SANITARY SEWER	EA	1		
3	4 INCH DR 11 HDPE SEWER PIPE WITH TRACER WIRE	LF	507		
4	FORCE MAIN FITTINGS & THRUST BLOCKS	EA	4		
5	FORCE MAIN MARKER	EA	5		
6	SANITARY SEWER ID TAPE	LF	396		
7	OPEN CUT ROCK EXCAVATION	CY	10		
8	12" D50 RIP RAP	CY	24.4		
9	CLEANOUTS	EA	2		
10	JACK & BORE SEWER WITH 12" STEEL CASING	LF	101		
11	JACK & BORE SEWER WITH 12" STEEL CASING IN ROCK	LF	10		
12	CONCRETE PIPE ENCASEMENT	LF	20		
13	TRENCH CHECK DAM	CY	12		
14	TREE PRESERVATION BARRIER W/ SILT FENCE	LF	835		
15	SEED AND STRAW	LS	1		
16	CHAINLINK FENCE REMOVAL AND REPLACEMENT	LF	150		
17	8 INCH PVC SDR35 SEWER PIPE	LF	50		

Sedalia Sanitary Sewer Project "A" - BID FORM**OPTION #1 - FORCE MAIN & LIFT STATION SEWER PLAN**

November 21, 2024

Item No.	Description	Unit	Estimated Quantity	Bid Unit Price	Bid Price
18	PACKAGED FIBERGLASS LIFT STATION & CONTROL PANEL	EA	1		
19	36" DUAL WALL SANITITE PIPE WITH END CAPS	LF	22		
20	12" DUAL WALL SANITITE PIPE WITH FITTINGS	LF	9.1		
21	3/4" GRAVEL PAD (6" DEEP) W/ GEOTEXTILE	SY	245		
22	6' TALL CHAIN LINK FENCE W/ 3 STRAND BARBED WIRE	LF	160		
23	GATE KNOX BOX	EA	1		
24	LIGHT POLE (INCL. BASE, POLE, 500 LUMEN FIXTURE)	EA	1		
25	4" SCH 40 PVC CONDUIT	LF	95		
26	ELECTRICAL SERVICE (SINGLE PHASE 120/240 V)	LS	1		
27	ONSITE GRADING, PLACEMENT & COMPACTION	CY	90		
28	LIFT STATION SIGNAGE	EA	4		
29	CONTRACTOR FURNISHED SURVEYING AND STAKING	LS	1		

Sedalia Sanitary Sewer Project "A" - BID FORM

OPTION #1 - FORCE MAIN & LIFT STATION SEWER PLAN

November 21, 2024

Item No.	Description	Unit	Estimated Quantity	Bid Unit Price	Bid Price
30	RAILPROS CONSTRUCTION OBSERVATION - MOBILIZATION/ ADMINISTRATION FEE	EA	2		
31	RAILPROS CONSTRUCTION OBSERVATION - STANDARD 8-HR DAY (2 PEOPLE FOR 5 DAYS)	EA	10		
32	RAILPROS CONSTRUCTION OBSERVATION - OVERTIME BEYOND STANDARD 8-HR DAY (OVERTIME FOR 2 PEOPLE OVER 5 DAYS OF 24/7 CONSTRUCTION)	HR	40		
33	RAILPROS FLAGGING - STANDARD 8-HR WORKDAY (2 PEOPLE FOR 5 DAYS)	EA	10		
34	RAILPROS FLAGGING - OVERTIME BEYOND 8-HR DAY (OVERTIME FOR 2 PEOPLE OVER 5 DAYS OF 24/7 CONSTRUCTION)	HR	40		
Option #1 - Total of All Bid Prices					

Sedalia Sanitary Sewer Project "A" - BID FORM

OPTION #1 - FORCE MAIN & LIFT STATION SEWER PLAN ALTERNATES

November 21, 2024

Item No.	Description	Unit	Estimated Quantity	Bid Unit Price	Bid Price
1	ABANDON BORE AND GROUT FULL	LS	1		
Option #1 - Total of All Alternate Bid Prices					

Sedalia Sanitary Sewer Project "A" - BID FORM**OPTION #2 - GRAVITY SANITARY SEWER PLAN**

November 21, 2024

Item No.	Description	Unit	Estimated Quantity	Bid Unit Price	Bid Price
1	MOBILIZATION	LS	1		
2	CONNECT TO EXISTING MANHOLE	EA	1		
3	8 INCH PVC SDR26 SEWER PIPE	LF	35.8		
4	8 INCH PVC SDR35 SEWER PIPE	LF	429.1		
5	OPEN CUT TRENCH ROCK EXCAVATION	CY	20		
6	12" D50 RIP RAP	CY	24.4		
7	DEEP DOUBLE CAGE CONCRETE MANHOLE (INCLUDES 17.48 TOTAL VERTICAL FEET)	EA	1		
8	CONCRETE MANHOLE (INCLUDES 20.14 TOTAL VERTICAL FEET)	EA	2		
9	8" STUB IN MANHOLE (CAP AND A-LOK)	EA	2		
10	JACK & BORE SEWER WITH 16" STEEL CASING	LF	98		
11	JACK & BORE SEWER WITH 16" STEEL CASING IN ROCK	LF	15		
12	CONCRETE PIPE ENCASEMENT	LF	20		
13	TRENCH CHECK DAM	CY	15		

Sedalia Sanitary Sewer Project "A" - BID FORM

OPTION #2 - GRAVITY SANITARY SEWER PLAN

November 21, 2024

Item No.	Description	Unit	Estimated Quantity	Bid Unit Price	Bid Price
14	TREE PRESERVATION BARRIER W/ SILT FENCE	LF	830		
15	SEED AND STRAW	LS	1		
16	CHAINLINK FENCE REMOVAL AND REPLACEMENT	LF	150		
17	CONTRACTOR FURNISHED SURVEYING AND STAKING	LS	1		
18	RAILPROS CONSTRUCTION OBSERVATION - MOBILIZATION/ADMINISTRATION FEE	EA	2		
19	RAILPROS CONSTRUCTION OBSERVATION - STANDARD 8-HR DAY (2 PEOPLE FOR 5 DAYS)	EA	10		
20	RAILPROS CONSTRUCTION OBSERVATION - OVERTIME BEYOND STANDARD 8-HR DAY (OVERTIME FOR 2 PEOPLE OVER 5 DAYS OF 24/7 CONSTRUCTION)	HR	40		
21	RAILPROS FLAGGING - STANDARD 8-HR WORKDAY (2 PEOPLE FOR 5 DAYS)	EA	10		
22	RAILPROS FLAGGING - OVERTIME BEYOND 8-HR DAY (OVERTIME FOR 2 PEOPLE OVER 5 DAYS OF 24/7 CONSTRUCTION)	HR	40		
Option #2 - Total of All Bid Prices					

Sedalia Sanitary Sewer Project "A" - BID FORM

OPTION #2 - GRAVITY SANITARY SEWER PLAN ALTERNATES

November 21, 2024

Item No.	Description	Unit	Estimated Quantity	Bid Unit Price	Bid Price
1	ABANDON BORE AND GROUT FULL	LS	1		
Option #2 - Total of All Alternate Bid Prices					

City of Sedalia Testing Requirements

Manhole Vacuum Testing	
10 inches of mercury (draw at least 10.5, can drop to 9 inches at max)	
1 inch of mercury= 0.491 psi	
Manhole Depth	Time (minutes)
10 feet or less	2
10.1 to 15 feet	2.5
15.1 to 25 feet	3

Mandrel Testing	
Pipe Diameter	9 Arm Mandrel Diameter
8"	7.37"
10"	9.21"
12"	10.96"
15"	13.42"

Low Pressure Air Testing			
3.5 psi (not exceed 5 psi at beginning, let temperature equalize to maintain 3.5 to 4 for 2 minutes, can drop to 2.5 max)			
Pipe Diameter	Minimum Time	Length for Minimum Time	Time for Longer Lengths (seconds)
4"	3:46	597	0.380 * L
6"	5:40	398	0.854 * L
8"	7:34	298	1.520 * L
10"	9:26	239	2.374 * L
12"	11:20	199	3.418 * L
15"	14:10	159	5.342 * L
18"	17:00	133	7.692 * L
21"	19:50	114	10.470 * L
24"	22:40	99	13.674 * L
27"	25:30:00	88	17.306 * L
30"	28:20:00	80	21.366 * L
33"	31:10:00	72	25.852 * L
36"	34:00:00	66	30.768 * L
42"	39:48:00	57	41.883 * L
48"	45:34:00	50	54.705 * L

Kelly Lohsandt

From: RP Utility <rp.utility@railpros.com>
Sent: Friday, November 15, 2024 9:47 PM
To: Kelly Lohsandt
Cc: Jeremy Stone; Chris Davies; Utilities Office Staff
Subject: Project Number 0793777 Sedalia, MO / Project Status for the week of 11-15-2024
Attachments: Underground Crossing Work Plan Form.docx; UPRR Guidelines for Track Monitoring.pdf; RailPros Rates.pdf; Project and Billing Form.pdf

External Sender: Do not click links or attachments unless you know they are safe.

Hello,

This project has been assigned to have a Third-Party Flagger and a RailPros Observer (RailPros rates attached). Please have the responsible party for the RailPros invoice(s) complete and return the attached Project and Billing form and I will reply with the necessary paperwork (#2). The attached work plan form (#3) needs to be filled out and submitted for review and I recommend emailing the UPRR representative Shawn Sparks, (contact and instructions given in #4) attach the fully executed UP Agreement and ask for approval to work on UP property and to verify any signal cables (RailPros cannot schedule your project without their approval email on file). I will wait for the return email from you with the necessary paperwork.

I have updated / highlighted the Construction Observation requirements that need to be completed before work takes place on, under or above UPRR property. Please note that the Observer needs to be scheduled from the start of any underground installation until the utility is in its final resting position.

The RailPros team looks forward to working with you. Please feel free to call or email with any questions. We are here to help.

- Annie Harris, Project Manager (945-446-5552) for Construction Observation requirements questions
- Bao Doan, Review Engineer (346-719-7035) for Work Plan questions
- Please include utilities.office.staff@railpros.com in all communications. This group includes the above project team, as well as our field managers and directors, and invoicing team.

UPRR CONSTRUCTION OBSERVATION REQUIREMENTS – IMPORTANT – PLEASE READ

Be sure to reference your FOLDER NUMBER (referenced in subject line) in any email to RailPros. Also, it can take up to 30 days to satisfy all the UPRR Construction Observation requirements below:

1. **UPRR Real Estate Agreement – Fully Executed UP Agreement**
2. **Flagger and RailPros Observer – Not Complete**
 - Union Pacific's Third-Party Flagging Policy: www.up.com/real_estate/third-party-flagging/index.htm
 - Complete the attached Project and Billing form and return to utilities.office.staff@railpros.com and the following applicable paperwork will be emailed for signatures etc.:
 - Observer Agreement
 - Flagger Quote and Services Agreement (SA) – Please initial all pages
 - Once all the Construction Observation requirements below are complete, RailPros can discuss scheduling
3. **Work Plan Form – Not Complete**
 - Complete the attached Work Plan form and submit to utilities.office.staff@railpros.com
 - Submit the Engineer Plan and Profile (Not the Exhibit A from the UP Agreement)

IMPORTANT: The Work Plan Form is required to verify that the Contractor's methods and materials are meeting or exceeding UPRR standards and practices and are the same approved in the UPRR Agreement.

4. **Locate UPRR Signal Cables – Not Complete**

- Email the UP Mgr. Signal Mntce. Shawn Sparks at srsparks@up.com
- Give the depth of the casing, the MP and Subdivision (given in Exhibit A of the UPRR Agreement) and attach a copy of the UP agreement
- Ask them to reply to your email with any instructions

IMPORTANT: Cc utilities.office.staff@railpros.com

5. **UPRR Telecommunications (“Call Before U Dig”) – Generate or Renew**

- Go to [UP: Groups](#)
- Open the link for ‘New CBUD Ticket’ and fill out the respective information and click Submit

IMPORTANT: The joint meeting option does not schedule an on-site meeting with RailPros staff.

- Any requests for a meeting with RailPros staff can be coordinated through utilities.office.staff@railpros.com.
 - Please forward the CBUD ticket to utilities.office.staff@railpros.com
 - To **Renew** an existing CBUD ticket, please open the link for ‘Extend existing CBUD Ticket (14 Days)’ and fill out the respective information and click Submit
- Please be aware that a CBUD takes a **minimum of 48 business hours** to become active and then active for 14 days (this includes any CBUD renewal)

IMPORTANT: Each contractor who will be digging / drilling on UPRR property must be named on a ticket.

“Safety is Union Pacific’s #1 priority and extends to all who come on Union Pacific properties.” Union Pacific Property Access Training (UP-PAT) can be found here: <https://www.up.com/aboutup/community/safety/erailsafe/up-pat/index.htm>

Please review the following link to ensure compliance with all UPRR PPE Requirements:

https://www.up.com/cs/groups/public/@uprr/@suppliers/documents/up_pdf_natedocs/wcccon1070988.pdf

Thank you,

RP Utility Team



Rail isn't a part of our business, it IS our business.

Phone: 682-223-5271

Utilities.office.staff@railpros.com

From: Kris Jones <ksjones@up.com>

Sent: Wednesday, November 13, 2024 2:33 PM

To: Kelly Lohsandt <klohssandt@ess-inc.com>

Cc: Jeremy Stone <JStone@sedalia.com>; Chris Davies <CDavies@sedalia.com>; RP Utility <rp.utility@railpros.com>

Subject: RE: 0793777-Pipeline Crossing - Sedalia, Pettis County, MO

CAUTION: EXTERNAL EMAIL. Please take care when clicking links or opening attachments.


Any changes to the approved project with an executed agreement will need to be submitted to RailPros as the agreement states the project requires Construction Observation.

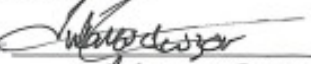
Article 12. **SPECIAL PROVISION – CONSTRUCTION OBSERVATION.**

Licensors requires Licensee to provide monitoring of tracks and construction observation through Licensor approved observer named below during all construction and installation work. Licensee is to directly coordinate services with the named inspector:

Railpros Field Services
Email: RP.Utility@railpros.com
Phone (682)223-5271

IN WITNESS WHEREOF, the parties hereto have caused this Agreement to be executed as of the date first herein written.

UNION PACIFIC RAILROAD COMPANY
Digitally signed by
Kris Jones
Date: 2024.03.12
15:40:18 -0500
By: 
Kris Jones
Senior Analyst Real Estate - Contracts

CITY OF SEDALIA
By: 
Name Printed: Aubrey Dalewood
Title: Mayor

Thank you,



WE ARE
ONE

Kris Jones
(She/her/hers)
Manager II Real Estate – Contracts

*Washington, Oregon, Idaho, Utah, Iowa,
Missouri, Arkansas, Tennessee, Minnesota,
Northern California (Counties: Del Norte, Siskiyou,
Modoc, Lassen, Shasta, Trinity, Humboldt,
Mendocino, Tehama, Glenn, Butte, Plumas)*

Email: ksjones@up.com
1400 Douglas Street, Stop 1690
Omaha, NE 68179
www.up.com



From: Kelly Lohsandt <klohssandt@ess-inc.com>
Sent: Wednesday, November 13, 2024 2:29 PM
To: Kris Jones <ksjones@up.com>
Cc: Jeremy Stone <JStone@sedalia.com>; Chris Davies <CDavies@sedalia.com>
Subject: 0793777-Pipeline Crossing - Sedalia, Pettis County, MO

*** PROCEED WITH CAUTION - This email was sent from outside the company. ***

Hello Kris,

I have a question on a previously approved permit for a pipeline crossing in Sedalia, Pettis County, Missouri. The approved permit document is attached for reference.


I am not submitting for an official revision of this permit at this time, but I do have a question I would appreciate U.P. engineering's feedback on.


1. If we lower the boring pipes to be lower than depth required for RailPros track monitoring according to the U.P. Guidelines for Track & Ground Monitoring document, will we still have to have 24 hour/7 days a week construction for work within the U.P. right-of-way?

Thank you,



Kelly Lohsandt, P.E.
Sedalia Branch Manager

 [660.826.8618 ext. 301](tel:660.826.8618)

 www.ess-inc.com

 kloh sandt@ess-inc.com



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Customer Project Information Sheet

Project Information	
Please fill in each cell for processing	
UPRR Agreement Folder Number(s) (example 1234-56):	
Section One:	
Estimated Start Date for Construction On, Under, or Above UPRR ROW:	
Union Pacific's Third Party Flagging Policy:	www.up.com/real_estate/third-party-flagging/index.htm
Estimated Duration (in days) for Flagger (CIC):	
Estimated Duration (in days) for RailPros Observer:	
Estimated Work Schedule (example Mon. – Sat.):	
Daily Start Time / End Time (example 0700 to 1700 etc.):	
Section Two:	
Field Contact Person(s):	
Mobile Phone Number(s):	
Email Address(s):	
Project's Location (City / State):	
Railroad Subdivision:	
Railroad Mile Post(s) (MP):	
Section Three:	
Project Description (example HDD, Jack and Bore, Encroachment, Underground or Overhead Pipeline / Wireline crossing, etc.):	
What type of equipment will be used?	
How close will the equipment be to the tracks (in feet)?	
If instructed by the Railroad, please have all the on-site personnel complete the Railroad Safety Training listed below:	
"Safety is Union Pacific's #1 priority and extends to all who come on Union Pacific properties." Union Pacific Property Access Training (UP-PAT) can be found here: UP: UP Property Access Training	

By checking this box, I acknowledge that if any ground will be disturbed or excavated upon UPRR property, that I will comply with UPRR Specifications and contact the local UPRR representatives (MTM and/or MSM), in accordance with my UPRR Agreement.

I acknowledge

Additional Comments:

Customer Billing Information Sheet

Company Information:	
Please fill in each cell for processing	
Company Name:	
Contact Name:	
Street Address:	
City / State / Zip Code:	
Phone Number:	
Contact Name Email Address:	
Billing Information (if different than above):	
Company Name:	
Contact Name:	
Street Address:	
City / State / Zip Code:	
Phone Number:	
Contact Name Email Address:	
2 nd Contact Name (Required):	
2 nd Contact Name Email Address (Required):	
Do you need a W-9?	
How would you like to receive the RailPros Invoice(s)?	
If other, please explain:	
Internal PO # to be listed on RailPros Invoices:	
Prevailing Wage (PW) Information:	
In government contracting, a prevailing wage is defined as the hourly wage, usual benefits, and overtime, paid to most workers, laborers, and mechanics within a particular area.	
Will the Flagger (RWIC, CIC, EIC) fall under a Prevailing Wage (PW) requirement for the Project:	
Notice:	
<p>If you determine your project will fall under a Prevailing Wage requirement, you will be directed to our payroll department to make sure all requirements are met before moving forward with your project. Until this step has been completed, our team will not be able to supply a quote for our services.</p>	

WORK PLAN

Union Pacific Railroad Folder Number:

Date Submitted to RailPros Field Services:

Work Plan Directions:

This project has been identified by Union Pacific Railroad (UPRR) as requiring third party construction observation. RailPros will be providing the Construction Observation services for this project and is here to assist in moving this project to completion.

The Union Pacific Railroad Real Estate Agreement outlines the requirements and standards for this installation. This work plan describes the specific details of the project, in terms of the site layout, schedule, means and methods, and general requirements, to ensure compliance with the agreement. This work plan, once released, is the basis that the Construction Observer will assess the work. Any field changes from the work plan shall be submitted via email to utilities.office.staff@railpros.com for review and must meet or exceed UPRR and/or AREMA standards.

Work Plan Submittal Check List: **(Please check off all requirements in list, or strike through text if item is not required)**

1. Engineering Plan and Profile (Exhibit A does not qualify):

- a. Mark locations of launch and receiving locations.
- b. Dimension the distances from the centerline of track and any existing utilities.
- c. Dimension depth of excavation.
- d. Railroad right of way and railroad tracks clearly outlined

2. Track and Ground Monitoring Plan (if required):

- a. See attached Track and Ground Monitoring Guidelines (pdf)

3. HDD Installations Only:

- a. Inadvertent Return Contingency Plan (Frac-Out Plan)
- b. HDD Plan Requirements

4. Shoring Plan Only for excavation within UPRR property and Zone A or Zone B:

- a. Calculations for shoring within zone a.
- b. Cut sheets for proprietary systems as applicable.
- c. Description of shoring to include but is not limited to:
- d. Exploration (pot holing)
- e. Demolition
- f. Excavation
- g. Fall protection/confined space entry
- h. Work process
- i. Backfill
- j. Close-out
- k. Contingencies which include weather events and hazmat
- l. Reference the following link to assure compliance.

https://www.up.com/cs/groups/public/@uprr/@customers/@industrialdevelopment/@operationsspecs/@specifications/documents/up_pdf_nativedocs/pdf_up_str_temp-shoring.pdf

Prime Contractor Contact Name:

Email Address:

Phone Number:

Note: The field contact will be asked to sign the daily report to verify hours.

Sub-Contractor (if performing the installation) Contact Name:

Email Address:

Phone Number:

Note: The field contact will be asked to sign the daily report to verify hours.

Project Information

Item	Response	Item	Response
Lat/Long (Decimal Form)		Cathodic Protection?	
Method of Installation (HDD, Jack and Bore, Etc.)		Casing Pipe Length	
Depth from top of pipe to base of rail		Casing Pipe Type	
Perpendicular distance from nearest track CL to closest edge of excavation/receiving pit		Casing Pipe Diameter	
Perpendicular distance from nearest track CL to closest edge of excavation/jacking pit		Casing Pipe Thickness	
Excavation depth of jacking pit from base of rail		Carrier Pipe Type	
Excavation depth of receiving pit from base of rail		Carrier Pipe Diameter	
Number of Tracks		Carrier Pipe Thickness	
Estimated Project Duration (on, under, or above UPRR property)		Is the crossing within a roadway?	
Will there be hot work within UPRR ROW? (welding, open flame, cutting, etc.)		Will there be abandonment work within UPRR ROW?	

<p>Description of Work: Provide a description of Means and Methods the contractor will use to complete the authorized work on, under, or above UPRR property. Excavation or potholing within 15 feet of track centerline is not acceptable, unless approved by UPRR Engineering.</p>	
Equipment:	Machine Make & Model:
<p>Description of Process:</p> <ol style="list-style-type: none"> 1. 2. 3. 4. 5. 6. 7. 8. <p style="text-align: center;">Please review the following link to ensure compliance with all UPRR PPE Requirements.</p> <p style="text-align: center;">https://www.up.com/cs/groups/public/@uprr/@suppliers/documents/up_pdf_natedocs/pdf_up_supplier_safety_req.pdf</p>	

<p>Track and Ground Monitoring: Track and Ground Monitoring Plan is required in accordance with the UPRR Track and Ground Monitoring Guideline (attached). If work is occurring in more than one (1) shift, Track Monitoring is required during all shifts. Send track and ground monitoring data daily to utilities.office.staff@railpros.com including the UPRR folder number.</p>	
Survey Company:	
Name of Surveyor:	Instrument:
<p>Will you be using adhesive targets for the track monitoring? Yes or No</p>	
<p>Description of Process:</p> <ol style="list-style-type: none"> 1. 2. 3. 4. 5. 6. 7. 8. <p style="text-align: center;">Please review the following link to ensure compliance with all UPRR PPE Requirements.</p> <p style="text-align: center;">https://www.up.com/cs/groups/public/@uprr/@suppliers/documents/up_pdf_natedocs/pdf_up_supplier_safety_req.pdf</p>	

Observation Rates:

The daily rates for said services to be provided under this Agreement are based on eight (8) hours per day and will be as follows:

- **Mobilization/Administrative Fee**.....\$1,000 per Observer Required (each project number(s) will incur a fee for travel and administrative costs per Observer). 24 Hour continuous work requires two Observers. Project must be cancelled 4 business days prior to the scheduled start date to avoid additional mobilization fee. Cancellations and release of field staff must be made in writing to Utilities.Office.Staff@railpros.com. Multiple mobilization fees or additional labor fees will be charged if the project cannot be constructed in consecutive days (Monday through Saturday is considered a work week) or if there is any delay during installation.
- **Construction Observation Fees**.....\$1,400/Standard 8-hour day. Overtime rate after 8 hours is \$200 per hour (all scheduling requests require a minimum 10-business days' notification).
- **Surcharge Fee**.....Activity in certain regions of the U.S. has created high demand for hotel rooms and increased related travel costs. The Project falls within such a region, therefore a surcharge of **\$300.00 per day** will be added to the invoice.

*** Please note, rates are subject to change. ***

Flagging Rates:

The rates for our services are as follows for work performed on, over or under Union Pacific ROW:

Standard Workday:	
Standard 8-hour day	\$1,018.00
Overtime rate per hour after 8 hours	\$135.00
Nights, Weekends, and Holidays:	
Standard 8-hour day	\$1,285.00
Overtime rate per hour after 8 hours	\$154.00

In the event of cancellation, if RailPros Management is given less than 24 hours' notice, it is considered a billable day. Cancellations must be made in writing to UP.Info@RailPros.com.

This quote is based on RailPros standard labor rates and does not take into any account prevailing wage requirements. If prevailing wages are applicable for this project, RailPros will re-quote based on the prevailing wage requirements.

Invoices are submitted upon completion of the job or at month's end. On-going jobs are billed on a monthly basis. Payments of invoices are due upon receipt. Invoices are subject to a 1.5% fee for every 30 days the payment is delinquent. Please contact RailPros at 877-315-0513 or UP.Info@railpros.com for more information.

The quoted rates are valid for 30 days and is subject to the Services Agreement (SA).

*** Please note that these rates are subject to change based on factors such as location and prevailing wage conditions. ***