

TASK ORDER NO. 030**TASK ORDER NAME: TRAX Operational Simulator****PROJECT CODE: MSP-272; 40-3272.68912**

This is Task Order No. 030 to the On Call Maintenance Contract entered into by and between Utah Transit Authority (UTA) and Rocky Mountain Systems Services, (Contractor) as of March 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 #030 is hereby attached and incorporated into this Task Order.

2.0 SCHEDULE

The Substantial Completion Date for this Task is December 31st, 2023. The Final Acceptance Date for this Task is December 31st, 2023.

3.0 LUMP SUM PRICE

The price for this task order is a not to exceed \$1,675,857. 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:

ROCKY MOUNTAIN SYSTEMS SERVICES:

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

DocuSigned by:
By: Dan Meservey
EEBD0B44A1004CA...

By: _____
Mary DeLoretto, Chief Service Development Ofc. Date
< 200,000

Date: 5/15/2022

By: _____
Jared Scarbrough, Acting Director of Capital Constr. Date
< \$75,000

By: _____
Jared Scarbrough, Project Manager Date
< \$25,000

DocuSigned by:
Mike Bell 5/16/2022
Legal Review Date
0E83A915BA44F6...

Procurement Review Date

On-Call Maintenance Contract # 20-03382VW



May 5, 2022

RMSS-52598-044

Mr. Jared Scarbrough
Manager of Systems Engineering
2264 South 900 West
Salt Lake City, UT 84119

Reference: Utah Transit Authority – Systems On-Call Services

Subject: TRAX Operational Simulator

Jared,

Rocky Mountain Systems Services (RMSS) is pleased to provide a proposal for the design, construction, and deployment of an operational training simulator for the TRAX Rail System.

Our lump sum price for the base scope of this proposal is **\$1,412,662.00**.

The scope of work covered in this proposal is as follows:

- RMSS will enlist a qualified vendor to design, construct, and install an operational training simulator as defined in the attached document "*PTO 017 TRAX Simulator RFP - 2022-02-07*". In summary, the base scope will provide:
 - One (1) desktop simulator with changeable panels to simulate either an S70 or the SD160 type LRV
 - One (1) instructor station
 - One (1) scenario preparation station
 - One (1) observation station
 - One (1) fault station
 - CGI rendering of:
 - approximately 45 miles of track (90 bi-directional miles)
 - fifty-six (56) station stops
 - fifty (50) specific objects
 - varying weather and lighting conditions
 - Two (2) specific train models for:
 - Siemens S70 LRV
 - Siemens SD160 LRV
 - Two (2) weeks of on-site training after site acceptance testing
- Procurement of a training simulator requires extensive coordination between UTA and the qualified vendor. RMSS will provide a project engineer at approximately 25% of full-time to assist in the coordination of:
 - schedule
 - data requests
 - design submittals



- factory and site acceptance testing
- preparation of the installation site
- training
- other needs as applicable
- RMSS will provide deliverables as defined in the attached document *"PTO 017 TRAX Simulator RFP - 2022-02-07"*
- Training will be provided as defined in the attached document *"PTO 017 TRAX Simulator RFP - 2022-02-07"*
- Warranty will be provided as defined in the attached document *"PTO 017 TRAX Simulator RFP - 2022-02-07"*
- The overall timeline of this procurement is approximately fifteen (15) months from the date of execution of the change order for this proposal

The following options are available and will be provided only if specifically directed by UTA upon issuance of a change order to the Systems On-Call Services contract, and the amount shown below added to the base amount shown above:

- Option 1 – Upgrade to a full cab simulator \$354,461
- Option 2 – Add a second ½ cab simulator \$194,820
- Option 3 - Add fifty (50) additional specific objects - \$68,375

This proposal is valid for 60 days, unless extended in writing by RMSS.

If you need any additional information, please don't hesitate to contact us.

Sincerely,

Area Manager
Rocky Mountain Systems Services

Attachments:

- PTO 017 TRAX Simulator RFP - 2022-02-07

cc:

Marshall Wilson – RMSS
Dan Meservey – RMSS
Doug Jones – RMSS

Procurement lead times may be affected by Covid-19 pandemic

Our pricing is in U.S. Dollars, F.O.B. Salt Lake City UT, and excludes all allowances, taxes, tariffs, licenses, and permits

UTA - On Call**RMSS-52598-044 TRAX Operational Simulator****Task Order Estimate Summary****5/5/2022**

Subcontractors	\$	1,121,907.00
Materials	\$	-
Administrative	\$	83,148.00
Design/Engineering	\$	-
Construction/Testing	\$	-
Travel & Perdiem	\$	2,000.00
Other Costs and Fee	\$	205,607.00
Total:	\$	1,412,662.00