

IM 0703-383 (18832) I-70 Twin Tunnels Widening

To: All Proposers

From: Benjamin Acimovic, P.E., CDOT Project Manager

Date: December 15th, 2011

Subject: Design Services RFP Questions & Clarifications and SOW Addendum No 1

Summary:

The following are the answers to questions we have received through 12/14/2011. **No extension of the deadline of January 12th, 2012 is expected at this time.**

SOW Specific Questions:

Question:

The CSS Understanding Page is additional. As a further clarification, is it to be appended to the Work Plan section, or does it become the 6th page of the Optional Section? Can that page be 11x17?

Answer:

Consultants are allowed one extra page in the miscellaneous optional section (and it can be 11X17) for the following RE: CSS (The below excerpt comes from page 5 of the Consultant Scope of Work).

6. CONSULTANT RESPONSIBILITY AND DUTIES

CDOT has made a commitment to employ Context Sensitive Solutions (CSS) on all projects in the I-70 Mountain Corridor. The project will require the consultant to coordinate with CDOT with the continued implementation of CSS as defined in the I-70 Mountain Corridor Guidance, including coordination with various stakeholders. It is the consultant's responsibility to demonstrate in the single page Work Plan Appendix their understanding of the Guidance, the 6-Steps, and how they will be used on this project.

The consultant will coordinate with the Project Leadership Team (PLT) and Technical Team (TT) for the Twin Tunnels projects. Final scope and details of the design for the improvements I-70 within the project limits will be refined and developed through the PLT. The consultant will not be responsible for forming the PLT or the Technical Team or managing CSS but will be responsible for following the design and aesthetic guidelines of the I-70 CSS agreement.

Question:

There are 21 disciplines listed for the Workload Capacity factor. Is there any possibility of consolidating several of those and reducing the number to perhaps 4 or 5 key disciplines?

Answer:

21 disciplines are not required for the Workload Capacity factor. This was overlooked when the SOW was prepared. The follow change to the SOW is included in the attached Design Services SOW Addendum No. 1.

The major disciplines listed for the Workload Capacity factor that should be covered are:

BR – Bridge Design, GE – Geotechnical Engineering, CE – Civil Engineering, HD – Highway & Street Design, SE – Structural Engineering, TU – Tunneling

Minor and Supporting disciplines listed for Workload capacity factor that should be covered are:

HY – Hydraulics, EL – Electrical Engineering, R – Traffic Engineering.

Question:

Regarding the scope of work tables which list responsibilities, please clarify the meaning of the “X.” The use of “1, 2, C, and N/A” is clearly defined, but the “X” would appear to be superseded by the others. How is it different?

Answer:

The design consultant shall maintain the ability to perform all work tasks which are indicated below by an ‘X’ in the consultant column, in accordance with the forms and conditions contained herein, and the applicable CDOT standards. This just means the consultant should have the resources available if needed but are not part of the requirements of the SOI/Work Plan.

Note:

We have changed the option for scheduling to include Microsoft Project 2007 and Primavera version 6.7 as options for the consultant. Please see Addendum No. 1 for changes.

December 1st, 2011

Addendum: December 15th, 2011

GENERIC SCOPE OF WORK BASIC CONTRACT

CONTRACT TYPE

Cost Plus Fixed Fee

CONTRACT DATE:

PROJECT NUMBER: IM 0703-383

PROJECT LOCATION: I-70 Twin Tunnels Widening

PROJECT CODE: 18832

THE COMPLETE SCOPE OF WORK INCLUDES THIS DOCUMENT (ATTACHED TO THE CONTRACT FOR CONSULTANT SERVICES)

SECTION 1 PROJECT SPECIFIC INFORMATION
SECTION 2 PROJECT MANAGEMENT AND COORDINATION
SECTION 3 EXISTING FEATURES
SECTION 4 GENERAL INFORMATION
SECTION 5 PROJECT INITIATION AND CONTINUING REQUIREMENTS
SECTION 6 ENVIRONMENTAL WORK TASK DESCRIPTIONS
SECTION 7 PRECONSTRUCTION WORK TASK DESCRIPTIONS
SECTION 8 SERVICES AFTER DESIGN
SECTION 9 CONTRACT CONCLUSION (CHECKLIST)
APPENDICES

Comments regarding this scope may be directed to:

CONTRACTS AND MARKET ANALYSIS BRANCH

Bernie Rasmussen
Agreements Program Manager
303-757-9400

Bernie.rasmussen@dot.state.co.us

GENERIC SCOPE OF WORK BASIC CONTRACT

This contract requires that the prime firm or any member of its team, be pre-qualified in the following disciplines for the entire length of the contract. The major disciplines listed for the Workload Capacity factor that should be covered are:

BR – Bridge Design, GE – Geotechnical Engineering, CE – Civil Engineering, HD – Highway & Street Design, SE – Structural Engineering, TU – Tunneling

Minor and Supporting disciplines listed for Workload capacity factor that should be covered are:

HY – Hydraulics, EL – Electrical Engineering, R – Traffic Engineering.

5. CDOT COMPUTER/SOFTWARE INFORMATION

The consultant shall utilize the most recent CDOT adopted software. The primary software used by CDOT is as follows:

- | | | |
|----|-----------------------|---|
| A. | Earthwork | InRoads |
| B. | Drafting/CADD | InRoads and Microstation with CDOT's formatting configurations and standards. |
| C. | Survey/photogrammetry | CDOT TMOSS, InRoads |
| D. | Bridge | CDOT Staff Bridge software shall be used in either design or design check |
| E. | Estimating | Transport (an AASHTO sponsored software) as used by CDOT |
| F. | Specifications | Microsoft Word |
| G. | Scheduling | Microsoft Project or Primavera 6.7 |

6. COMPUTER DATA COMPATIBILITY

The data format for submitting design computer files shall be compatible with the latest version of the adopted CDOT software as of Notice to Proceed for the contract. The Consultant shall immediately notify the CDOT/PM if the firm is unable to produce the desired format for any reason and cease work until the problem is resolved. Refer to Section 8, Table 1 - Submittals, for additional information regarding current formats and the acceptable transmittal media.

7. PROJECT DESIGN DATA AND STANDARDS

- A. General:
Appendix A provides a comprehensive list of state and federal reference material. However, Appendix A does not contain local agency reference material which may be pertinent to some projects. The consultant is responsible for obtaining and ensuring compliance with the most recent CDOT adopted version of the listed references including standards and specifications, manuals, and software or as directed by the CDOT/PM. Conflicts in criteria shall be resolved by the CDOT/PM.
- B. Specific Design Criteria:
Appendix B is a list of specific design criteria. The list is comprehensive and may include items that are not required for tasks defined in this scope. The Consultant shall submit any proposed changes to the pertinent criteria to the CDOT/PM at one of the periodic progress meetings prior to initiating design.
- C. Construction Materials/Methods:
The materials and methods specified for construction will be selected to minimize the initial construction and long-term maintenance cost to the State of Colorado. Non-typical construction materials and methods must be approved in writing by CDOT.