

**INVITATION FOR CONSULTANT SERVICES
For Colorado Department of Transportation “Statewide”**

**Project Specific CDOT Bridge Design Manual Re-Write and Engineering Services
Public Notice for Professional Consultants**

The Colorado Department of Transportation (CDOT) intends to hire one (1) Professional Consultant for this Project. The selected Consultant will contract to provide Project Specific Services for the Re-Write of CDOT Bridge Design Manual (BDM) and associated Engineering Services to include those specific services set forth below. This selection will have an “Optional” Interview Phase.

DESCRIPTION: Consultant services will consist of all work necessary to provide the following services:

COOT Bridge Design Manual (BDM) Re-Write Project # BR NBIS - 220 (20400)

The current Bridge Design Manual (BDM) was published in 1992 and some of the Subsections were written back in 1988. The original version of the BDM prior to year 1987 was completed in a piece-meal fashion dating back from mid-1970s through early-1980s. Design examples were Included at the end of some sections to enhance design issues. The current and the pre-1987 original version were written and maintained by Staff Bridge in-house engineers, COOT's current BDM is out of date and does not meet applicable codes, i.e. AASHTO LRFD, MBE, AREMA and FHWA regulations and falls to address Colorado specific design and construction practices learned over the past decades.

The overall goals of the new manual shall be as follows:

- BDM shall meet all current AASHTO Standards
- BDM will supersede or supplement codes not covered by AASHTO Other Codes
- The Manual will lead us to build durable, functional and cost effective structures
- For ease of use, the Contractor shall consider usage by both EITs and experienced designers
- For sake of maintainability and adaptability, the BDM will need to efficiently update to and incorporate changes in COOT policy and design codes AASHTO interims, Technical Memorandums and FHWA guidelines.

Critical Issues the Proposals need to address:

Collaboration and Stakeholder Involvement

The Bridge Design Manual is used by not only COOT, but also several consultants and local agency jurisdictions throughout the state; all of which have a vested interest in the outcome of the manual.

The proposal shall address how the Consultant (or, together with sub-consultants) plans to manage the abundance of opinions from all stakeholders and generate plans or solutions to fit Colorado's unique circumstances on key policy decisions, including estimated range of hours and budgets, time of Delivery for the entire manual or in segments, preferably not to exceed 3-phases.

Annual maintenance items through June 2021 will be completed under a separate Phase I Task order.

SPECIAL PROJECT REQUIREMENT: All work to be performed under this agreement shall be in accordance with the National Bridge Inspection & Standards and the Manual for Maintenance Inspection of Bridges issued by AASHTO.

The consultant shall provide all equipment, labor, licenses, permits and insurance necessary for the completion of the work, and a licensed Colorado Professional Engineer as may be required.

Interested Consultants:

The prime firm of each team must be on CDOT's list of prequalified consultants by **November 6th, 2014**. Prequalification must be done annually. Consultants who are not prequalified or who have questions regarding their prequalification should immediately contact George Currie, CDOT Division of Audit at telephone (303) 757-9400.

For the Capacity factor included in the Statement of Interest portion of the consultant's submittal, and described in the SOI/WP Preparation Instructions. The prime consulting firm must show, for the prime firm or any proposed sub-consultant of its team, capacity in the following disciplines:

**BI-Bridge Inspection; CE – Civil Engineering; GE – Geotechnical Engineering;
HD – Highway and Street Design; TR – Traffic Engineering; SE Structural Engineering
UT - Utilities**

Interested firms shall submit seven (7) copies of the Statement of Interest/Work Plan no later than 12:00 noon local time November 13, 2014, to:

David Wells, Contracting Officer CDOT Engineering Contracts Branch
4201 E. Arkansas Ave Suite 200 Denver, CO 80222

The scope of work along with the latest "Consultant Instructions for the Statement of Interest/Work Plan" and the anticipated consultant selection schedule must be obtained from the address shown above or from the CDOT website:

<http://www.coloradodot.info/business/consultants/advertised-projects/2014>

Statements of interest/work plans received after the time and date specified will be rejected. The statement of interest/work plan must comply with CDOT's standardized format requirements. Please refer to the instructions. Failure to follow the required format as provided in the statement of interest/work plan instructions may result in your submittal being rejected.

Questions regarding the walk through or of a technical nature regarding this project may be directed to:

**Name: M. "Mac" Hassan, CDOT Project Manager HQ Staff Bridge
Telephone: (303) 757-9064**

CDOT Staff Bridge desires to advertise the selection with an "Optional" Interview phase. CDOT reserves the option to award one agreement based solely on the information submitted from consulting firms SOI and Work Plan.

Should there not be a clearly superior proposal submitted, and the scoring and ranking does not provide a unanimously decided superior SOI and Work Plan, CDOT would short list the 3 most qualified firms for an Interview phase.

Firms submitting a Statement of Interest/Work Plan (SOI/WP) must, in their submitted SOI/WP, expressly commit, and identify by name, key employees of their own staff, as well as of the staffs of the sub-consultants on their teams, to be available to do the Work.

The Department has determined the contract goal for UDBE participation in this contract will be met with certified DBEs who have been determined to be underutilized on professional services contracts. At this time, **all DBEs** will be considered to be UDBEs.

The UDBE goal for this project is: **0%** **Zero Percent.**

The type of compensation on this contract is anticipated to be “cost plus fixed fee” format, subject to further review by CDOT.

CDOT assumes no obligation of any kind for expenses incurred by any respondent to this solicitation. The right is also reserved by CDOT to reject any and all submittals.