I. Purpose

The Weld County Public Works Department is seeking qualifications submittals from qualified vendors for Engineering Services related to the design of the CR 66 & CR 41 intersection project. The intersection of CR 66 & CR 41 will be Portland Cement Concrete Pavement (PCCP) with Hot Mix Asphalt (HMA) approach roads. The PCCP will extend a minimum of 200 feet beyond the intersection limits or more as determined by the Consultant.

The services will consist of detailed road and bridge/culvert design generally consisting of but not limited to:

1. Detailed road and bridge/culvert design generally consisting of overall plan preparation (30%, 60%, and final);
2. Surveying for all aspects of design, ROW, subsurface utility engineering, irrigation, as-built drawings, etc.;
3. Geotechnical evaluations;
4. Subsurface utility engineering (SUE) report to a minimum quality level A for all existing utilities, oil and gas facilities, and agricultural irrigation facilities;
5. Hydraulic evaluations including floodplain modeling/permitting and FEMA CLOMR/LOMR process and County Flood Hazard Development Permit (FHDP) process;
6. Report preparation including structure selection report if applicable, geotechnical report, and drainage report;
7. Right-of-way plans;
8. Specification preparation;
9. Attending irrigation board meetings, open houses, etc. to give presentations during the ROW acquisition phase;
10. Environmental services. The design consultant shall utilize environmental services from Tiglas Ecological Services (business: 970-635-9183, cell 970-222-2151, email: tiglaed@aol.com);
11. Utility relocation coordination;
12. ROW acquisition services;
13. Shop drawing review;
14. Prefabrication inspections (if required); and
15. Responding to Contractor request for information (RFI) inquiries.

The requested services will also include merging of the CR 66/CR 41 Intersection plans with the CR 64/41 Intersection plans and generating a single plan set and specification set for the projects.

Weld County will use this information to select a minimum of 3 but no more than 5 of the most qualified consulting firms. Further details pertaining to the Project will be provided to the short-listed consultants via a request for proposals (RFP). Each of the selected firms will attend a mandatory Pre-Proposal Meeting, and may be asked to attend an interview, after the Proposals have been scored by the Weld County selection team.

The selected consultant will perform engineering functions for which they must demonstrate qualifications. Work is to be conducted in close coordination with County Public Works staff and will include but not be limited to:

1. Design and engineering duties to produce construction drawings and specifications that can be used to advertise for the construction the project as outlined above.
2. FEMA CLOMR and LOMR submittals and approvals.
3. Weld County will utilize the CDOT design, review, approval and construction administration processes for this project. However, CDOT will not review or approve any items associated with this project.
4. Reports to the Public Works Department on engineering design progress and conducting preliminary and final meetings, etc.
5. Engineering design for replacement of road and bridge/culvert facilities designed in accordance with Weld County and CDOT Standards and Guidelines.
6. Construction Bid Documents for advertisement that meets the Weld County and CDOT Standards and Guidelines.
7. ROW plans to be processed and approved by Weld County.
8. Application and acquisition of all Environmental and Historical Clearances as required, in accordance with federal NEPA requirements.
9. Utilities mapping, coordination, and relocation planning as required. **All existing utilities, oil and gas, and agricultural irrigation** must be located to a minimum Quality Level A.
10. ROW acquisition services shall follow the Uniform Act as modified by Weld County.

**Project Schedule (Anticipated)**
- RFQ Advertisement Issued---------------------------December 18, 2019
- Qualifications Due at Purchasing-------------------January 09, 2020 (10:00 AM)
- Shortlist by----------------------------------------January 17, 2020
- RFP Issued at Pre-Proposal Meeting--------------January 23, 2020
- Proposals Due---------------------------------------February 12, 2020
- Interviews (If required)-----------------------------February 20, 2020

**Anticipated Project Milestones**
- Design contract awarded-----------------------------March 18, 2020
- Final design completed by--------------------------March 01, 2021
- ROW acquisition completed by-----------------------March 01, 2022
- Utility Relocation completed by----------------------December 31, 2022
- Construction services completed by-------------------December 31, 2023

Qualifications submittals for the above stated services will be received at the Office of the Weld County Purchasing Department in the Weld County Administrative Building, 1150 O Street, Room #107 Greeley, CO 80631 until: **Thursday, January 9, 2020, 10:00 AM (Weld County Purchasing Time Clock).** Please contact Clay Kimmi, Project Manager, at 970-400-3741 with questions regarding the RFQ or project. The preferred method of submittal is to deliver five (5) hard copies and one (1) electronic (pdf) copy of the submittal to the Weld County Purchasing Department by the due date. Limit the total length of your submittal to a maximum of 15 pages. The electronic copy shall be provided on a USB thumb drive. The hard copy will be used to generate the scoring.
**Selection Criteria**
Professional firms will be evaluated on the following criteria. The rating scale shall be from 1 to 5, with 1 being a poor rating, 3 being an average rating, and 5 being an outstanding rating.

<table>
<thead>
<tr>
<th>WEIGHT</th>
<th>QUALIFICATION</th>
<th>STANDARD</th>
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<tbody>
<tr>
<td>5.0</td>
<td>Project Team</td>
<td>Qualifications, years of relevant experience, and proven abilities of key team personnel. Experience on similar projects as a working team.</td>
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<tr>
<td>5.0</td>
<td>Overall Firm Capabilities</td>
<td>Firm's size in relation to the project size, organizational structure, production facilities, and assets. Capabilities of sub-consultants which will be a part of the project team.</td>
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<td>4.0</td>
<td>Performance on Similar Projects</td>
<td>Demonstrated ability to produce successful results, meet projects schedules, meet project budgets, and fulfill project goals on similar projects.</td>
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<td>3.0</td>
<td>Work Location/Familiarity</td>
<td>Project team's work location relative to the project site location. Key team member's familiarity with Weld County and the goals of the Department.</td>
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<tr>
<td>3.0</td>
<td>Project Approach</td>
<td>The firm has described a logical approach towards ensuring a successful completion of the project. The firm has demonstrated a clear understanding of the project.</td>
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