



MEMO TO: 2PW

FROM: Aaron Noble, EIT Construction Engineer

DATE: March 12th, 2019

SUBJECT: APPROVAL OF AGREEMENTS FOR ON CALL MATERIALS TESTING & SPECIAL INSPECTION SERVICES

I. PURPOSE ☐ For Info Only ☐ Potential Agenda Item ☒ Scheduled for Council Action

II. RECOMMENDATION

Approve up to three Agreements with firms for On-Call Materials Testing Services, in an amount not to exceed \$200,000 per firm, a total of \$600,000. Agreements will be in effect through December 31, 2021, with the option to extend them for up to two years and an additional \$200,000 per firm based on the City's needs and the firm's performance.

III. DEPARTMENT CONTACTS

Kristi Wilson, Director of Public Works, 425-556-2529

Jon Spangler, P.E., Construction Division Manager, 425-556-2823

Joe Averill, P.E., Engineer Supervisor, 425-556-2744

Aaron Noble, EIT, Construction Engineer, 425-556-2792

IV. DESCRIPTION/BACKGROUND

City Council last approved On-Call Materials Testing Agreements in 2016. Those agreements expired December 31st, 2018.

Agreements will provide the City of Redmond on-call construction materials testing, special inspections, and other support services to ensure construction materials meet City Standard and Specifications, Capital Project Special Provisions, and other State and Federal compliance requirements. Construction materials testing and special inspection services may include the following items:

- Material Testing
 - Concrete Strength, Asphalt Compaction, Aggregate Gradation
- Specialty inspections
 - Epoxy Installation, Off-Site Fabrication
- Building Inspection
 - Rebar, Foundation Waterproofing, Structural Welding
- Environmental Testing Services
 - Contaminated Soils, Sound and Vibration Monitoring
- Review and analysis of test results

- Nutrient Distribution of CMU Soils, HMA Rice Density
- Other quality assurance and quality control services

Each agreement includes a general scope of work that describes the range of services for these contracts. The scope is broadly written to provide City staff the flexibility to request a wide range of construction materials testing and special inspection services. Work performed under these agreements will be authorized by individual task orders detailing the work, schedule, completion date, and budget for the services requested.

A. **Analysis**

Process to Date:

- A Request for Proposals was advertised on February 6th, 2019 in the Daily Journal of Commerce.
- Proposal are due February 27th, 2019.
- The City's selection team will evaluate proposals and determine which firms are most qualified to provide On Call Materials Testing for this agreement.
- A maximum of three (3) firms will be selected.
- After selection, negotiations will be held to finalize the scope of work and to determine fair and reasonable lab rates and service fees.

Service Delivery or Fiscal Impacts:

Staff anticipates spending approximately \$200,000 over the life of each two-year agreement. The majority of these costs will be incurred to provide material testing and special inspection support and will be paid for from Capitol project funds.

V. **TIME CONSTRAINTS**

The previous On Call Materials Testing Agreements have expired.

There is an immediate need for these agreements to be in place for the 2019 construction season. The current schedule includes presenting the Consultant Agreements to the City Council for approval in April, before several CIP projects are advertised.

Council Actions / Communication

Date (MM/DD/YYYY)	Action / Committee Presentation
02/25/2019	3P Committee
03/12/2019	Public Works and Planning Committee
04/02/2019	Council Meeting*

*The date of the presentation to the City Council may be adjusted to the second meeting in April or into May.

VI. **LIST OF ATTACHMENTS**

Attachment A: Example Consultant Agreement

Attachment B: Materials Testing and Special Inspection Report Examples