

City of Phoenix OFFICE OF THE CITY ENGINEER DESIGN AND CONSTRUCTION PROCUREMENT 200 W. Washington Street, 5th Floor Phoenix, Arizona 85003-1611

STREET TRANSPORTATION SOILS AND MATERIALS TESTING

ON-CALL SERVICES

NOTIFICATION LETTER NO. 2 RFx 6000001642

August 12, 2024

This notification letter shall become part of the Request for Qualifications for the above referenced project.

<u>Section III - Statement of Qualifications Evaluation Criteria</u> – See Attached for Revised Lettering of Criteria

Questions and Answers:

- 1. QUESTION: Are certifications and resumes to be included in maximum page count? ANSWER: Printouts for AASHTO Re:source and CCRL firm's laboratory test method accreditations can be provided in the SOQ package and WILL NOT be counted in the maximum page count. Proof key personnel professional or technical certifications will not be required in the SOQ submittal. Resumes of key personnel and their certifications, if included, WILL BE counted towards the maximum page count. Attach at the end of submittal after Criteria E. Copies of professional or technical certifications may be requested during the life of the contract prior after award as needed.
- QUESTION: Are you looking for more services than what are listed?
 ANSWER: Not at this time. It is up to the firm to add any additional services capabilities within the maximum page count.
- QUESTION: Can you clarify if the test methods listed under exhibit D are preferred or required?
 ANSWER: Exhibit D refers to preferred testing methods. See updated Exhibit D.
- QUESTION: Anything from past contracts that you want highlighted? ANSWER: Nothing specific but firms can include any information deemed relevant to this contract.
- 5. QUESTION: Who do you want included for Key Personnel? ANSWER: Any staff the firm considers key personnel above the level of a chief plant inspector or chief materials technician.

All other terms and conditions remain unchanged.

Anna York Contracts Specialist I <u>anna.york@phoenix.gov</u> CITY OF PHOENIX DESIGN AND CONSTRUCTION PROCUREMENT



SECTION III - STATEMENT OF QUALIFICATIONS EVALUATION CRITERIA - REVISED

Firms will be selected through a qualifications-based selection process based on the criteria below. Sub-criteria are listed in order of importance in relation to project services. City of Phoenix project experience is not required.

A. Experience and capabilities of the Firm (maximum 300 points)

Describe the experience and qualifications of the firm in providing similar services. Identify three similar soils and materials testing services on-call contracts or projects the submitting firm has completed in the last five years. For each project listed, provide:

- 1. Description of the project(s) including scope and project owner
- 2. Role of the firm and explain how this relates to the services being solicited
- 3. Contract's original contract value, final contract value, and reason for variance
- 4. Contract start date and completion date

B. Experience of the Key Personnel (maximum 200 points)

Describe the experience and qualifications of the specific team expected to be assigned to the services proposed. For each key person identified, list their length of time with the firm. List each key person's role in the projects provided. If a project selected for a key person is the same as one selected for the firm, provide just the project name and the role of the key person. For each project listed, provide:

- 1. Description of the project including scope and project owner
- 2. Role of the team or team member and explain how this relates to the services being solicited
- 3. Project's original contract value, final contract value, and reason for variance
- 4. Project's start date and completion date

C. Laboratory and Testing Capabilities (maximum 100 points)

Provide a statement indicating your laboratory meets the requirements outlined in Exhibit C, Minimum Material Testing Qualifications Concrete & Cement Reference Laboratory (CCRL) and AASHTO re:source (formerly AMRL). Provide evidence of such in matrix form, and copies of the actual accreditations. In addition, provide a matrix of the other preferred testing qualification that the firm can provide. Accreditations will not be counted towards maximum page allowance.

D. Project Management and Responsiveness (maximum 350 points)

As part of our selection process, the City has the responsibility of considering the possibility of the firm receiving multiple task assignments under this contract overlapping the same time period, in addition to any other on-going work the firm may have. Provide how your firm will approach:

- 1. Managing multiple project assignments and request for testing under the On-Call Master Agreement
- Providing expedited services on requests for field sampling and field or laboratory testing, including examples where the firm responded to after hour requests, working nights and weekends
- 3. Providing quick turn-around times to inquiries

- 4. Prioritizing staffing in relation to importance of assigned projects and schedule requirements
- 5. How the firm will manage responding and allocating resources for projects that will have an inconsistent time commitment requirement. Provide examples how the firm was able to achieve this on past projects
- 6. Project issues such as troubleshooting, dispute resolution, submittal of reports, submittal of samples, and any other pertinent matters

E. Staffing Information for Key Personnel (maximum 50 points)

Provide the following:

- 1. Team's availability and commitment assigned projects
- 2. Team's plan to maintain continuity of the proposed services
- 3. Organization chart showing key personnel, current professional licenses or certifications, technical staff for project assignment, and other assigned roles for proposed services
- 4. Identify the location of the lead firm's principal office and the home office location of key staff on this project



ATTACHMENT 2

CITY OF PHOENIX

STREET TRANSPORTATION DEPARTMENT DESIGN & CONSTRUCTION MANAGEMENT DIVISION

EXHIBIT D – PREFERRED ADDITIONAL MATERIAL TESTING QUALIFICATIONS BASED ON CONCRETE & CEMENT REFERENCE LABORATORY (CCRL) AND AASHTO Re-Source

ASPHALT BINDER PREFERRED TESTS:

ASTM	AASHTO	DESCRIPTION	
D2171/D2171M	T202	Viscosity of Asphalts by Vacuum Capillary Viscometer	
D2170/D2170M	T201	Kinematic Viscosity of Asphalts	
D4402/D4402M	T316	Viscosity of Asphalt at Elevated Temperatures Using a Rotational Viscometer	
D244		Methods and Practices for Emulsified Asphalts	
D6937	T59	Density of Emulsified Asphalt	
D2939		Emulsified Bitumen Used as Protective Coatings	
D402	T78	Distillation of Cutback Asphalt	
D7175	T315	Rheological Properties of Asphalt Binder Using a Dynamic Shear Rheometer	
D113	T51	Ductility of Asphalt Materials	
D6084	T301	Elastic Recovery of Asphalt Materials by Ductilometer	
D7405 T350		Multiple Stress Creep and Recovery (MSCR) of Asphalt Binder Using a Dynamic Shear Rheometer	
D7497	R78	Recovering Residue from Emulsified Asphalt Using Low-Temperature Evaporative Technique	
D6934	T59	Residue by Evaporation of Emulsified Asphalt	
D6997	T59	Residue by Distillation of Emulsified Asphalt	
D7403		Residue of Emulsified Asphalt by Low Temperature Vacuum Distillation	
D8078		Ash Content of Asphalt Binder and Emulsified Asphalt Residues	
D92	T48	Flash and Fire Points by Cleveland Open Cup Tester	
D3143/D3143M T79		Flash Point and Fire Point of Liquids by Tag Open-Cup Apparatus	
D7741/D7741M		Apparent Viscosity of Asphalt-Rubber or Other Asphalt Binders by Using a Rotational Handheld Viscometer	
D946/D946M	M20	Penetration-Graded Asphalt Binder for Use in Pavement Construction	
D6373	M320	Performance-Graded Asphalt Binder	
D5/D5M	T49	Penetration of Bituminous Materials	
D70/D70M	T228	Specific Gravity of Semi-Solid Asphalt Materials	
D2872 T240 Effect of Heat and Air on a Moving Film of		Effect of Heat and Air on a Moving Film of Asphalt Binder (Rolling Thin-Film Oven Test)	
D6521 R28 Accelerated		Accelerated Aging of Asphalt Binder Using a Pressurized Aging Vessel (PAV)	
D6648	T313	Flexural Creep Stiffness of Asphalt Binder Using the Bending Beam Rheometer (BBR)	
D7175	T315	Determining the Rheological Properties of Asphalt Binder Using a Dynamic Shear Rheometer (DSR)	
D7496 T59 Viscosity		Viscosity of Emulsified Asphalt by Saybolt Furol Viscometer	
D7226	T382	Viscosity of Emulsified Asphalt by a Rotational Paddle Viscometer	
D2042	T44	Solubility of the Residue in Trichloroethylene	
D5	T49	Penetration of the Residue	
D6084	T301	Elastic Recovery of residue from vacuum distillation	
D88/D88M	T72	Saybolt Viscosity	
D4124		Separation of Asphalt into Four Fractions	
D36/D36M	T53	Softening Point of Bitumen (Ring-and-Ball Apparatus)	
ARIZ5	04	Vacuum Recovery of Asphalt Emulsion Residue (An Arizona Method)	
D95	T55	Water in Petroleum Products and Bituminous Materials by Distillation	

CRACK SEALANT MATERIAL PREFERRED TESTS:

ASTM	<u>AASHTO</u>	DESCRIPTION
D5167		Melting of Hot-Applied Joint and Crack Sealant and Filler for Evaluation
D5329		Sealants and Fillers, Hot-Applied, for Joints and Cracks in AC and PCC Pavements

SLURRY/MICRO SYSTEMS (SMS) MATERIAL PREFERRED TESTS:

<u>ASTM</u>	ISSA	DESCRIPTION	
D6372		Design, Testing and Construction of Microsurfacing	
D3910	TB-100	Design, Testing and Construction of Slurry Seal/Wet Track Abrasion of Slurry Seal	
	TB-106	Measurement of Slurry Seal Consistency	
	TB-109	Excess Asphalt in Mixtures by Loaded Wheel Tester and Sand Adhesion	
	TB-113	Trial Mix Procedure of Slurry Design	
	TB-114	Wet Stripping of Cured Slurry Surfacing Mixtures	
	TB-139	Set and Cure Development by Cohesion Tester	
	TB-147	Vertical and Lateral Displacement by Loaded Wheel Tester	

HOT-MIX ASPHALT PREFERRED TESTS:

ASTM	<u>AASHTO</u>	DESCRIPTION		
D6752/D6752M	T331	Bulk Specific Gravity of Compacted Hot Mix Asphalt using Vacuum Sealing Method		
D3549/D3549M		Thickness or Height of Compacted Asphalt Mixture Specimens		
	R47	Reducing Samples of Asphalt Mixtures to Testing Size		
D2172/D2172M	T164	Quantitative Extraction of Asphalt Binder from Asphalt Mixtures		
	T324	Hamburg Wheel-Track Testing of Compacted Asphalt Mixtures		
D8225		Cracking Tolerance Index of AC Using the Indirect Tensile Cracking Test at Intermediate Temperature		
	Т393	Fracture Potential of Asphalt Mixtures Using the Illinois Flexibility Index Test (I-FIT)		
	T319	Quantitative Extraction and Recovery of Asphalt Binder from Asphalt Mixtures		
D8159		Automated Extraction of Asphalt Binder from Asphalt Mixtures		
D1856	R59	Recovery of Asphalt Binder from Solution by Abson Method		
D5404		Recovery of Asphalt from Solution Using the Rotary Evaporator		

HOT-MIX ASPHALT AGGREGATE PREFERRED TESTS:

<u>ASTM</u>	<u>AASHTO</u>	DESCRIPTION	
C128	T84	Specific gravity and absorption of fine aggregate	
C1252	T304	Uncompacted void content of fine aggregate	
C29/C29M	T19M/T19	Bulk Density (Unit Weight) and Voids in Aggregate	
C131	Т96	Resistance to Degradation of Small-Size Coarse Aggregate by Abrasion and Impact in the LA Machine	
	T103	Soundness of Aggregates by Freezing and Thawing	
C88	T104	Soundness of Aggregate by Use of Sodium Sulfate or Magnesium Sulfate	
D6928	T327	Resistance of Coarse Aggregate to Degradation by Abrasion in the Micro-Deval Apparatus	
D7428		Resistance of Fine Aggregate to Degradation by Abrasion in the Micro-Deval Apparatus	

SOIL PREFERRED TESTS:	1			
ASTM	<u>AASHTO</u>	DESCRIPTION		
D7928		Particle-Size Distribution of Fine-Grained Soils by Hydrometer		
D4943		Shrinkage Factors of Soils by Wax Method		
D854	T100	Specific Gravity of Soils		
D2974	T267	Organic Content in Soils by Loss on Ignition		
	T288	Minimum Soil Resistivity		
G187		Soil Resistivity Using the Two-Electrode Soil Box		
D4972	T289	pH of Soils for Corrosion Testing		
	T290	Water-Soluble Sulfate Ion Content in Soil		
	T291	Water-Soluble Chloride Ion Content in Soil		
D1140	T11	The amount of Material Finer than 75-µm in Soils by Washing		
D3441		Mechanical Cone Penetration Testing of Soils		
D4944		Field Determination of Water (Moisture) Content of Soil by the Calcium Carbide Gas		
01011		Pressure Tester		
	T265	Determination of Moisture Content of Soils		
D4972		pH of Soils		
D2844/D2844M	T190	Resistance R-Value and Expansion Pressure of Compacted Soils		
D1883	T193	The California Bearing Ratio		

D2419	T176	Sand Equivalent Value of Soils and Fine Aggregate	
ARIZ 236		pH and Minimum Resistivity of Soils and Aggregates	
PORTLAND CEMENT CO	NCRETE PREF	ERRED TESTS:	
ASTM	<u>AASHTO</u>	DESCRIPTION	
C231	T152	Air Content of Freshly Mixed Concrete by the Pressure Method	
C173/C173M	T196/T196M	Air Content of Freshly Mixed Concrete by the Volumetric Method	
C1064/C1064M	Т309	Temperature of Freshly Mixed Portland Cement Concrete	
C1231/C1231M		Determination of Compressive Strength of Hardened Cylindrical Concrete Specimens (Unbonded cap)	

PORTLAND CEMENT CONCRETE AGGREGATE PREFERRED TESTS:

ASTM	<u>AASHTO</u>	DESCRIPTION
C40/C40M	T21/T21M	Organic Impurities in Fine Aggregates for Concrete