



City of Austin

Founded by Congress, Republic of Texas, 1839

Capital Contracting Office, PO Box 1088, Austin, Texas 78767 Telephone 512/974-7181

July 21, 2016

To: Consultants Requesting RFQ Package

SUBJECT: Request for Statements of Qualifications (RFQ) for providing Construction Materials, Geotechnical, and Forensic Engineering Services RL
Solicitation Number: CLMP200 - **ADDENDUM No. 1**

Addendum No. 1

1. REFERENCE – TABLE OF CONTENTS

- DELETE THE FOLLOWING:

Form 11 – Major Scopes of Work – Comparable Project Experience

2. REFERENCE – FORM 11, MAJOR SCOPES OF WORK - COMPARABLE PROJECT EXPERIENCE

- DELETE IN ITS ENTIRETY:

Form 11 Major Scopes of Work- Comparable Project Experience

3. REFERENCE – SCOPE OF SERVICES, MINIMUM QUALIFICATIONS, Page 3 of 11:

- DELETE THE FOLLOWING:

Statements of qualifications not demonstrating that all of the following minimum qualifications are met may be rejected as non-responsive.

- REPLACE WITH THE FOLLOWING:

Statements of qualifications not demonstrating that all of the following minimum qualifications are met for the desired category to be considered shall be rejected as non-responsive.

4. REFERENCE – SCOPE OF SERVICES, Laboratory Accreditation, Page 4 of 11:

- DELETE THE FOLLOWING:

- The City requires the laboratories that provide services under Category 3 (Forensic Engineering) to meet the requirements of the American Society for Testing and Materials

(ASTM) E543, to be accredited by a laboratory accreditation authority, to be nationally recognized for the expertise of the professional and technical staff as evidenced by publication of articles in industry technical journals and magazines concerning forensic studies of construction materials, or must have fully-documented, comparable demonstration of qualifications and experience.

REPLACE WITH THE FOLLOWING:

- The City requires the laboratories that provide services under Category 3 (Forensic Engineering) to be accredited by a laboratory accreditation authority, to be nationally recognized for the expertise of the professional and technical staff as evidenced by publication of articles in industry technical journals and magazines concerning forensic studies of construction materials, or must have fully-documented, comparable demonstration of qualifications and experience.

5. REFERENCE – SCOPE OF SERVICES, Table 1. SOILS TESTS AND PROCEDURES, Pages 4–5 of 11

DELETE THE FOLLOWING:

Table 1. SOIL TESTS AND PROCEDURES

ASTM	AASHTO	TxDOT	TITLE
D421	T87	Tex-101-E	Practice for Dry Preparation of Soil Samples for Particle-Size Analysis and Determination of Soil Constants
D422	T88	Tex-110-E	Test Method for Particle-Size Analysis of Soils
D698	T99	Tex-113-E	*Laboratory Compaction Characteristics and Moisture-Density Relationship of Base Materials and Cohesionless sand
D698	T99	Tex-114-E	*Laboratory Compaction Characteristics and Moisture-Density Relationship of Subgrade & Embankment Soils
D1140	T11	Tex-111-E	*Determination of Amount of Material in Soils Finer Than the 75- μ m (No. 200) Sieve
D2216	T265	Tex-103-E	*Determination of Moisture Content in Soil Materials
D1557	T180		Test Method for Laboratory Compaction Characteristics of Soil Using Modified Effort (56,000 lbf/ft ³ (2,700 kN/-m ³))
D2217	T146	Tex-101-E	Practice for Wet Preparation of Soil Samples for Particle-Size Analysis and Determination of Soil Constants
D2487		Tex-142-E	Classification of Soils for Engineering Purposes (Unified Soil Classification System)
D2488		Tex-141-E	Practice for Description and Identification of Soils (Visual-Manual Procedure)
D2922	T238	Tex-115-E Part II	Test Methods for Density of Soil and Soil-Aggregate in Place by Nuclear Methods (Shallow Depth)
D3017	T239	Tex-115-E Part II	Test Method for Water Content of Soil and Rock in Place by Nuclear Methods (Shallow Depth)
D4318	T89	Tex-104-E	*Determination of Liquid Limit of Soils
D4318	T90	Tex-105-E	*Determination of Plastic Limit of Soils
D4318	T90	Tex-106-E	*Method of Calculating the Plasticity Index of Soils
		Tex-121-E	*Soil Lime Compression Test

* Title from TxDOT Manual; all others titles are from ASTM Standards

- REPLACE WITH THE FOLLOWING:

For any ASTM standard in Tables 1–5 that is currently considered “WITHDRAWN, NO REPLACEMENT,” refer to the latest published version of this standard.

Table 1. SOIL TESTS AND PROCEDURES

ASTM	AASHTO	TxDOT	TITLE
D421	T87	Tex-101-E	Practice for Dry Preparation of Soil Samples for Particle-Size Analysis and Determination of Soil Constants
D422	T88	Tex-110-E	Test Method for Particle-Size Analysis of Soils
D698	T99	Tex-113-E	*Laboratory Compaction Characteristics and Moisture-Density Relationship of Base Materials and Cohesionless sand
D698	T99	Tex-114-E	*Laboratory Compaction Characteristics and Moisture-Density Relationship of Subgrade & Embankment Soils
D1140	T11	Tex-111-E	*Determination of Amount of Material in Soils Finer Than the 75-µm (No. 200) Sieve
D2216	T265	Tex-103-E	*Determination of Moisture Content in Soil Materials
D1557	T180		Test Method for Laboratory Compaction Characteristics of Soil Using Modified Effort (56,000 lbf/ft ³ (2,700 kN/-m/m ³))
	T146	Tex-101-E	Practice for Wet Preparation of Soil Samples for Particle-Size Analysis and Determination of Soil Constants
D2487		Tex-142-E	Classification of Soils for Engineering Purposes (Unified Soil Classification System)
D2488		Tex-141-E	Practice for Description and Identification of Soils (Visual-Manual Procedure)
D6938	T238	Tex-115-E Part II	Test Methods for Density of Soil and Soil-Aggregate in Place by Nuclear Methods (Shallow Depth)
D6938	T239	Tex-115-E Part II	Test Method for Water Content of Soil and Rock in Place by Nuclear Methods (Shallow Depth)
D4318	T89	Tex-104-E	*Determination of Liquid Limit of Soils
D4318	T90	Tex-105-E	*Determination of Plastic Limit of Soils
D4318	T90	Tex-106-E	*Method of Calculating the Plasticity Index of Soils
		Tex-121-E	*Soil Lime Compression Test

* Title from TxDOT Manual; all others titles are from ASTM Standards

6. REFERENCE – SCOPE OF SERVICES, Technician Certification, Page 8 of 11

- DELETE THE FOLLOWING:

- Soil and Rock – Technicians performing soil and rock testing must be certified as a National Institute for Certification in Engineering Technologies (NICET) Level II Associate Engineering Technician or higher in soils technology.

- REPLACE WITH THE FOLLOWING:

- Soil and Rock – Technicians performing soil and rock testing must be certified as a National Institute for Certification in Engineering Technologies (NICET) Level II Associate Engineering Technician or higher in soils technology OR be certified concurrently in both Texas Asphalt

Pavement Association (TXAPA) SB101 and SB102 AND have been certified in both TXAPA certifications for a minimum of 2 years.

7. **REFERENCE – SCOPE OF SERVICES, Technician Certification, Page 8 of 11**

DELETE THE FOLLOWING:

- Geotechnical Engineering – Technicians performing geotechnical engineering must be certified as a NICET Level II Associate Engineering Technician or higher in soils technology.

REPLACE WITH THE FOLLOWING:

- Geotechnical Engineering – Technicians performing geotechnical engineering must be certified as a NICET Level II Associate Engineering Technician or higher in soils technology OR be certified concurrently in both Texas Asphalt Pavement Association (TXAPA) SB101 and SB102 AND have been certified in both TXAPA certifications for a minimum of 2 years.

8. **REFERENCE – SCOPE OF SERVICES, MAJOR AND OTHER SCOPES OF WORK, Page 10 of 11**

DELETE THE FOLLOWING:

****There must be representation for all major scopes of work listed in the prime's statement of qualifications. The experience of the firms listed to perform the Major Scopes of Work, whether a subconsultant or prime firm, will be evaluated under Consideration Item 6 – Major Scopes of Work – Comparable Project Experience.***

9. **REFERENCE – FORM A: Category 1 – Construction Materials Testing – Testing, Procedures, and Laboratory Accreditation Checklist, Page 1 of 4**

DELETE THE FOLLOWING:

Circle each testing procedure that the firm is accredited in (Table 1) and check each box in the far right column (Tables 2–7) to indicate the firm's accreditation.

REPLACE WITH THE FOLLOWING:

Circle each testing procedure that the firm is accredited in (Table 1) and check each box in the far right column (Tables 2–7) to indicate the firm's accreditation. For any ASTM standard in Tables 1–7 that is currently considered "WITHDRAWN, NO REPLACEMENT," refer to the latest published version of this standard.

10. **REFERENCE – FORM A: Category 1 – Construction Materials Testing – Testing, Procedures, and Laboratory Accreditation Checklist, Table 2. SOIL TESTS and PROCEDURES, Pages 1–2 of 4**

- DELETE THE FOLLOWING ROWS:

D2217	T146	Tex-101-E	Practice for Wet Preparation of Soil Samples for Particle-Size Analysis and Determination of Soil Constants
D2487		Tex-142-E	Classification of Soils for Engineering Purposes (Unified Soil Classification System)
D2488		Tex-141-E	Practice for Description and Identification of Soils (Visual-Manual Procedure)
D2922	T238	Tex-115-E Part II	Test Methods for Density of Soil and Soil-Aggregate in Place by Nuclear Methods (Shallow Depth)
D3017	T239	Tex-115-E Part II	Test Method for Water Content of Soil and Rock in Place by Nuclear Methods (Shallow Depth)

- REPLACE WITH THE FOLLOWING ROWS:

	T146	Tex-101-E	Practice for Wet Preparation of Soil Samples for Particle-Size Analysis and Determination of Soil Constants
D2487		Tex-142-E	Classification of Soils for Engineering Purposes (Unified Soil Classification System)
D2488		Tex-141-E	Practice for Description and Identification of Soils (Visual-Manual Procedure)
D6938	T238	Tex-115-E Part II	Test Methods for Density of Soil and Soil-Aggregate in Place by Nuclear Methods (Shallow Depth)
D6938	T239	Tex-115-E Part II	Test Method for Water Content of Soil and Rock in Place by Nuclear Methods (Shallow Depth)

11. **REFERENCE – FORM A: Category 1 – Construction Materials Testing – Testing, Procedures, and Laboratory Accreditation Checklist, Pages 2–3 of 4**

- DELETE THE FOLLOWING TABLE:

Table 4. ASPHALTIC MATERIAL TESTS AND PROCEDURES

ASTM	AASHTO	TxDOT	TITLE
D4318	T90	Tex-106-E	*Method of Calculating the Plasticity Index of Soils
		Tex-107-E	*Determination of Bar Linear Shrinkage of Soils
		Tex-200-F	*Sieve Analysis of Fine and Coarse Aggregates
D5	T49		Test Method for Penetration of Bituminous Materials
D36	T53		Test Method for Softening Point of Bitumen (Ring-and-Ball Apparatus)
D113	T51		Test Method for Ductility of Bituminous Materials
D140	T40	Tex-222-F	Practice for Sampling Bituminous Materials
D244	T59		Test Methods for Emulsified Asphalts
D402	T78		Test Method for Distillation of Cut-Back Asphaltic (Bituminous) Products

D1754	T179		Test Method for Effect of Heat and Air on Asphaltic Materials (Thin-Film Oven Test)
D1856	T170	Tex-211-F	Test Method for Recovery of Asphalt From Solution by Absorb Method
D2170	T201		Test Method for Kinematic Viscosity of Asphalts (Bitumens)
D2171	T202		Test Method for Viscosity of Asphalts by Vacuum Capillary Viscometer
D3142	T227		Test Method for Density of Liquid asphalts (Hydrometer Method)

* Title from TxDOT Manual; all other titles are from ASTM Standards

- REPLACE WITH THE FOLLOWING TABLE:

Table 4. AGGREGATE TESTS AND PROCEDURES

ASTM	AASHTO	TxDOT	TITLE
C40	T21	Tex-408-A	Test Method for Organic Impurities in Fine Aggregates for Concrete
C88	T104	Tex-411-A	Test Method for Soundness of Aggregates by Use of Sodium Sulfate or Magnesium Sulfate
C117	T11	Tex-406-A	Test Method for Materials Finer than 75-µm (No. 200) Sieve in Mineral Aggregates by Washing
C127	T85	Tex-403-A	Test Method for Density, Relative Density (Specific Gravity), and Absorption of Coarse Aggregate
C128	T84	Tex-403-A	Test Method for Density, Relative Density (Specific Gravity), and Absorption of Fine Aggregate
C131	T96	Tex-410-A	Test Method for Resistance to Degradation of Small-Size Coarse Aggregate by Abrasion and Impact in the Los Angeles Machine
C136	T27	Tex-401-A	Test Method for Sieve Analysis of Fine and Coarse Aggregates
C142	T112	Tex-413-A	Test Method for Clay Lumps and Friable Particles in Aggregates
C566	T255		Test Method for Total Evaporable Moisture Content of Aggregate by Drying
C702	T248		Practice for Reducing Samples of Aggregate to Testing Size
D75	T2	Tex-400-A	Practice for Sampling Aggregates
D2419	T176	Tex-203-F	Test Method for Sand Equivalent Value of Soils and Fine Aggregate

12. REFERENCE – FORM B: Category 2: Geotechnical Engineering – Testing, Procedures, and Laboratory Accreditation Checklist, Page 1 of 2

- DELETE THE FOLLOWING:

Circle each testing procedure that the firm is accredited in (Table 1) and check each box in the far right column (Table 2) to indicate the firm’s accreditation.

REPLACE WITH THE FOLLOWING:

Circle each testing procedure that the firm is accredited in (Table 1) and check each box in the far right column (Table 2) to indicate the firm’s accreditation. For any ASTM standard in Tables 1–2 that is currently considered “WITHDRAWN, NO REPLACEMENT,” refer to the latest published version of this standard.

13. REFERENCE – FORM B: Category 2: Geotechnical Engineering – Testing, Procedures, and Laboratory Accreditation Checklist, Table 2. SOILS TESTS and PROCEDURES, Pages 1–2 of 2

DELETE THE FOLLOWING ROWS:

D2217	T146	Tex-101-E	Practice for Wet Preparation of Soil Samples for Particle-Size Analysis and Determination of Soil Constants
D2487		Tex-142-E	Classification of Soils for Engineering Purposes (Unified Soil Classification System)
D2488		Tex-141-E	Practice for Description and Identification of Soils (Visual-Manual Procedure)
D2922	T238	Tex-115-E Part II	Test Methods for Density of Soil and Soil-Aggregate in Place by Nuclear Methods (Shallow Depth)
D3017	T239	Tex-115-E Part II	Test Method for Water Content of Soil and Rock in Place by Nuclear Methods (Shallow Depth)

REPLACE WITH THE FOLLOWING ROWS:

	T146	Tex-101-E	Practice for Wet Preparation of Soil Samples for Particle-Size Analysis and Determination of Soil Constants
D2487		Tex-142-E	Classification of Soils for Engineering Purposes (Unified Soil Classification System)
D2488		Tex-141-E	Practice for Description and Identification of Soils (Visual-Manual Procedure)
D6938	T238	Tex-115-E Part II	Test Methods for Density of Soil and Soil-Aggregate in Place by Nuclear Methods (Shallow Depth)
D6938	T239	Tex-115-E Part II	Test Method for Water Content of Soil and Rock in Place by Nuclear Methods (Shallow Depth)

14. REFERENCE – FORM C: Technician Certification, Soils and Portland Cement Concrete, Page 1 of 2

DELETE THE FOLLOWING ROW:

Soils	NICET Level II or Higher Associate Engineering Technician in soils technology		
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- REPLACE WITH THE FOLLOWING ROWS:

Soils	NICET Level II or Higher Associate Engineering Technician in soils technology OR		
	Technician certified for a minimum of 2 years in both TXAPA SB101 and SB102		

15. **REFERENCE – FORM C: Technician Certification, Geotechnical Engineering, Page 2 of 2**

- DELETE THE FOLLOWING ROW:

N/A	NICET Level II or higher Associate Engineering Technicians in soils technology		
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- REPLACE WITH THE FOLLOWING ROWS:

N/A	NICET Level II or Higher Associate Engineering Technician in soils technology OR		
	Technician certified for a minimum of 2 years in both TXAPA SB101 and SB102		

16. **REFERENCE – FORM D, Category 3 – Forensic Engineering – Testing, Procedures, and Laboratory Accreditation Checklist**

- DELETE THE FOLLOWING:

Circle each testing procedure that the firm is accredited in (Table 1 and 2)

Table 1: Required Accreditation

ASTM	Description	Specify YES or NO
E543	Standard Specification for Agencies Performing Nondestructive Testing	YES / NO

Table 2: Laboratory Accreditation (Informational)

LABORATORY ACCREDITATION (Circle all that apply)	
ASTM	Specify YES or NO if Laboratory is Accredited
E329	YES / NO
D3740	YES / NO
C1077	YES / NO
D3666	YES / NO
Active TxDOT Precertified (Asphaltic Concrete)	YES / NO

- REPLACE WITH THE FOLLOWING:

Circle each testing procedure that the firm is accredited in (Table 1)

Table 1: Laboratory Accreditation (Informational)

LABORATORY ACCREDITATION (Circle all that apply)	
ASTM	Specify YES or NO if Laboratory is Accredited
E329	YES / NO
D3740	YES / NO
C1077	YES / NO
D3666	YES / NO
E543	YES / NO
Active TxDOT Precertified (Asphaltic Concrete)	YES / NO

All other information in the Solicitation remains unchanged. Please remember this solicitation is currently in a "No Contact" period and all inquiries should be directed to the appropriate contact persons listed in the solicitation. If you have questions regarding this process and project related questions, you may contact Steve Cocke at (512) 974-7998 or steven.cocke@austintexas.gov.

Sincerely,



Steve Cocke, Buyer II
Contract Procurement Division
Capital Contracting Office

cc: Jay Ulary, PE, Consulting Engineer, Public Works
Tica Chitrarachis, Project Coordinator, Public Works
Tamela Saldana, Division Manager, SMBR
Garrett Cox, Contract Procurement Supervisor, CCO

