

TEAM Consultants, Inc.

Geotechnical, Environmental, Construction Materials Testing

October 25, 2023
Project No. 235287
Via: Email

Mr. Aniswarie F. Kanamazina, P.E.
CIP Engineer 1
City of McKinney - Engineering Department

Re: **Submittal of Budget Estimate
For Construction Materials Testing Services
Virginia Street and Throckmorton Street
Infrastructure Improvements
CIP # CO2235 – BID # 24-24CC
City of McKinney, Texas**

Dear Mr. Kanamazina:

In accordance with your request, attached is our budget estimate for providing Construction Materials Testing Services for the above referenced project. The budget estimate has been prepared based upon the quantities provided and review of the City of Garland Specifications and our experience with this type of project. Included are estimated testing services to be performed on on-call basis with unit fees for those services. If additional testing is requested, charges will be by the unit rates as listed.

The contact personnel within TEAM Consultants, Inc. for the above referenced project are:

| | |
|-----------------|------------------|
| Dispatch: | Mr. Jeff Bailey |
| CMT Supervisor: | Mr. Tim George |
| CMT Manager: | Mr. Bruce Walton |

We appreciate the opportunity to be of service to you. If you have any questions, or if I can be of any assistance, please do not hesitate to call me at (214) 331-4395. Should this budget estimate meet with your approval, please sign and return one copy to this office as our formal notification to proceed.

Sincerely,

TEAM Consultants, Inc.



Bruce Walton
CMT Manager

Attachments: Budget Estimate

Authorized by: _____

Date: _____

COST ESTIMATE
CONSTRUCTION MATERIALS OBSERVATION AND TESTING SERVICES
VIRGINIA STREET AND THROCKMORTON STREET
INFRASTRUCTURE IMPROVEMENTS
CIP # CO2235 - BID # 24-24CC
CITY OF MCKINNEY, TEXAS

SCHEDULE II - LABORATORY TESTING SERVICES

PART I SOILS, AGGREGATE, AND BASE MATERIALS

| | | | |
|---|------|------------------------|--------------|
| 2002 Atterberg Limits Soil w/ additive, each | Est. | 3 ea. @ 76.00/ea | \$ 228.00 |
| 2001 Atterberg Limits Soil, each | Est. | 12 ea. @ 51.50/ea | \$ 618.00 |
| 2062 Moisture Density Relationship 4 inch, each | Est. | 12 ea. @ 203.00/ea | \$ 2,436.00 |
| 2098 Subgrade Gradations, each* | Est. | 85 ea. @ 15.25/ea | \$ 1,296.25 |
| 2100 In-place Density, each* | Est. | 420 ea. @ 32.50/ea | \$ 13,650.00 |
| 3009 Technician, per hour | Est. | 400 hrs. @ 56.50/hr | \$ 22,600.00 |
| 3032 Transportation Charge, per trip | Est. | 100 trips @ 37.00/trip | \$ 3,700.00 |
| | | Sub-total | \$ 44,528.25 |

PART II PORTLAND CONCRETE/ CONCRETE MASONRY AND RELATED SERVICES

Concrete Cylinder Tests

| | | | |
|---|------|------------------------|--------------|
| 2144 Review of Concrete Mix Designs | Est. | 8 ea. @ 118.50/ea | \$ 948.00 |
| 2130 Concrete Compressive strengths, each | Est. | 300 ea. @ 19.50/ea | \$ 5,850.00 |
| 3009 Technician, per hour | Est. | 750 hrs. @ 56.50/hr | \$ 42,375.00 |
| 3009 (o) Technician, overtime per hour | Est. | 0 hrs. @ 70.31/hr | \$ - |
| 3032 Transportation Charge, per trip | Est. | 125 trips @ 37.00/trip | \$ 4,625.00 |
| | | Sub-total | \$ 53,798.00 |

PART III ASPHALTIC CONCRETE

| | | | |
|--|------|----------------------|-------------|
| 2194 Level 1A - Asphalt Plant Observation, per hour | Est. | 8 hrs. @ 68.00/hr | \$ 544.00 |
| 2198 Continuous field Density Testing w/ Nuclear gauge, per hour | Est. | 8 hrs. @ 82.00/hr | \$ 656.00 |
| 9999 Review of Asphalt Mix Design furnished by others | Est. | 1 ea. @ 115.00/ea | \$ 115.00 |
| 3032 Transportation Charge, per trip | Est. | 2 trips @ 37.00/trip | \$ 74.00 |
| | | Sub-total | \$ 1,389.00 |

PART I DESIGN AND FIELD INSPECTION

| | | | |
|--|------|----------------------|-------------|
| 3006 Geotechnical Engineer / Technical Services Director | Est. | 12 hrs. @ 113.00/hr | \$ 1,356.00 |
| 3032 Transportation Charge, per trip | Est. | 3 trips @ 37.00/trip | \$ 111.00 |
| | | Sub-total | \$ 1,467.00 |

TOTAL ESTIMATED BUDGET \$ 101,182.25

*Plus Technician Time (See Item 3009)

Note: Technician time is portal to portal. Overtime is charged at 1.25 times the hourly rate for weekends, holidays, before 6:30 am and after 6:30 pm.