

TEAM Consultants, Inc.

Geotechnical • Environmental • Construction Materials Testing

December 5, 2024
Project No. 245319
Via: Email

Mr. Robert Barron
Inspection Supervisor
City of Grand Prairie
PO Box 534045
Grand Prairie, TX 75053-4045

Re: **Submittal of Budget Estimate
For Construction Materials Testing Services
Lakeview 2.0 MG Elevated Storage Tank
W.O. # 02410210
Grand Prairie, Texas**

Dear Mr. Barron,

In accordance with your request, attached is our budget estimate for providing Construction Materials Testing Services for the above referenced project. Included are estimated testing services to be conducted according to an 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 Manager:	Mr. Bruce Walton
CMT Assistant Supervisor:	Mr. Gregorio Fernandez

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: _____

Geotechnical & Material Testing
Job Assignment Specification Sheet

Project #: **WO # 02410210**
Vendor #: **245319**
Contract #: **24095**

Owner: **City of Grand Prairie**

Contractor: **TEAM Consultants, Inc.**

Project: **Lakeview 2.0 MG Elevated Storage Tank**

Original Contract Date: **June 1, 2024**

ITEM NO.	DESCRIPTION OF ITEM	Unit of Measure	Approved Quantity	Unit Price	Value of Completed Work
Concrete					
1	Compression Test Cylinders (Making & Breaking), each	EACH	200	\$20.50	\$4,100.00
2	Air Content, Slump, Temperature, Unit Weight and Making Cylinders, (Per hour)	HOUR	100	\$60.00	\$6,000.00
3	Next Day Cylinder pickup, (Per hour)	HOUR	60	\$60.00	\$3,600.00
4	Vehicle charge, (Per Trip)	TRIP	80	\$40.00	\$3,200.00
5	Flexural Beam Testing, each	EACH		\$35.00	\$0.00
6	4" Diameter Core, (Per inch of depth)	INCH	32	\$9.25	\$296.00
7	2" Diameter Core, (Per inch of Depth)	INCH	32	\$8.00	\$256.00
8	Core Thickness Measurement, (each)	EACH		\$10.00	\$0.00
9	Patching of Core Holes, each	EACH	8	\$11.00	\$88.00
10	Coring Technician Time, hour	HOUR	8	\$60.00	\$480.00
11	Sawing and/or Capping Cores, each	EACH	16	\$18.00	\$288.00
12	Compression Test of Cores, each	EACH	4	\$34.25	\$137.00
13	Mix Design Review, each	EACH	8	\$160.00	\$1,280.00
14	Mix Design Formulation w/Aggregate Tests Include Specific Gravity/Sieve Analysis/Unit WT-200, each	EACH		\$850.00	\$0.00
15	Additional Mix Design Utilizing Above Mix Analysis, each	EACH		\$540.00	\$0.00
16	Mix Design Formulation Revision, each	EACH		\$275.00	\$0.00
17	Engineering Tech (NICET) for Quality Assurance Monitoring of Onsite Work, hour	HOUR		\$81.50	\$0.00
18	Pre-pour Reinforcing Steel Placement Inspection, hour	HOUR	32	\$70.00	\$2,240.00
19	Sampling for In-Lab Test, hour	HOUR	6	\$60.00	\$360.00
20	Batching Mix Design in Preparation for Making Lab Confirmation Cylinders or Beams, hour	EACH		\$180.00	\$0.00
21	Batch Plant Observation Supporting Concrete Placement, hour	HOUR		\$70.00	\$0.00
22	Concrete Flatness, (Up to 20,000 Sq. Ft.)	LUMP SUM		\$800.00	\$0.00
23	Concrete Flatness, (Over 20,000 Sq. Ft. - per Sq. Ft.)	SQFT		\$0.10	\$0.00
24	Certified Welding Inspector, hour	HOUR		\$85.00	\$0.00
HMAC					
25	Density Nuclear Method, (technician & gauge charge) (Per hour)	HOUR		\$84.50	\$0.00
26	6" Diameter Core for in Place Density, (per inch of Depth)	INCH		\$14.75	\$0.00
27	Coring HMAC Technician Time, hour	HOUR		\$70.00	\$0.00
28	Core Depth Measurement, core (each)	EACH		\$10.00	\$0.00
29	Patching Core Holes, each	EACH		\$11.00	\$0.00
30	Vehicle Charge (per Trip)	TRIP		\$40.00	\$0.00
31	Ignition Oven Burn Off (% Bitumen and aggregate gradation), each	EACH		\$204.00	\$0.00
32	Lab Density, each	EACH		\$38.00	\$0.00
33	Stability Test, each	EACH		\$48.00	\$0.00
34	Maximum Specific Gravity, each	EACH		\$90.00	\$0.00
35	Batch Plant Hot Bin Analysis, hour	HOUR		\$80.00	\$0.00
36	Material Sampling For In-lab Tests, hour	HOUR		\$70.00	\$0.00
Professional					
37	Chief Engineer Scientist, hour	HOUR		\$190.00	\$0.00
40	Senior Technician, hour	HOUR	30	\$75.00	\$2,250.00
41	Senior Project Engineer Professional Engineer, hour	HOUR		\$165.00	\$0.00
42	Project Engineer Scientist Geologist, hour	HOUR	2	\$136.00	\$272.00
43	Graduate Engineer Project Manager, hour	HOUR		\$120.00	\$0.00
44	Staff Scientist Geologist Engineer, hour	HOUR		\$105.00	\$0.00
45	Clerical, hour	HOUR		\$60.00	\$0.00
46	Drafter, hour	HOUR		\$78.50	\$0.00
47	Engineering and Report Review, hour	HOUR		\$146.00	\$0.00
Geotechnical					
48	Undisturbed Soil Sample, each	EACH		\$13.00	\$0.00
49	Visual Classification, each	EACH		\$13.00	\$0.00
50	Classification ASTM D-2487, each	EACH		\$110.00	\$0.00
51	Sample Preparation, hour	HOUR		\$65.00	\$0.00
52	Atterburg Limits RAW PI, each	EACH	10	\$58.00	\$580.00
53	Soil w/Additive, each	EACH		\$78.00	\$0.00
54	Bar Lineal Shrinkage, each	EACH		\$52.50	\$0.00
55	Moisture Density Relationship (Proctor) Standard (ASTM D-698) each	EACH	5	\$209.00	\$1,045.00
57	Moisture Density Relationship (Proctor) Modified (ASTM D-1557) each	EACH		\$248.75	\$0.00
59	THD 113E, each	EACH		\$248.75	\$0.00
60	Unit Weight, each	EACH		\$35.00	\$0.00
61	Unit Weight (Dry Rodded), each	EACH		\$38.00	\$0.00
62	-200 Sieve Analysis, each Decant	EACH		\$45.00	\$0.00
63	Laboratory Moisture Content, each	EACH		\$8.75	\$0.00
64	Sieve Analysis (Fine Aggregate), each	EACH		\$84.00	\$0.00
65	Sieve Analysis (Large Aggregate), each	EACH	3	\$84.00	\$252.00
66	Sieve Analysis (Finer than 200 Sieve), each (Hydrometer Analysis)	EACH		\$156.00	\$0.00
67	Lime or Cement Series Determination (5 points)	EACH	1	\$390.00	\$390.00
68	pH Series (6 points), each	EACH		\$255.00	\$0.00
69	Sulphate Test (TEX 145E), each (5 days turnaround)	EACH	3	\$75.00	\$225.00
70	Sulphate Test (TEX 145E), each (48 hour turnaround)	EACH		\$140.00	\$0.00

Geotechnical & Material Testing
Job Assignment Specification Sheet

Project #: **WO # 02410210**
Vendor #: **245319**
Contract #: **24095**

Owner: **City of Grand Prairie**

Contractor: **TEAM Consultants, Inc.**

Project: **Lakeview 2.0 MG Elevated Storage Tank**

Original Contract Date: **June 1, 2024**

ITEM NO.	DESCRIPTION OF ITEM	Unit of Measure	Approved Quantity	Unit Price	Value of Completed Work
71	Specific Gravity, each (Aggregate)	EACH		\$68.00	\$0.00
72	Absorption, each	EACH		\$38.00	\$0.00
73	Los Angeles Abrasion (Large Aggregate), each	EACH		\$245.00	\$0.00
74	Los Angeles Abrasion (Small Aggregate), each	EACH		\$245.00	\$0.00
75	Texas Wet Ball Mill, each	EACH		\$260.00	\$0.00
76	Gradation (Lime or Cement Stabilized), hour	HOUR	6	\$60.00	\$360.00
77	Limed Soil Depth Measurement, hour	HOUR	3	\$60.00	\$180.00
78	In Place Moisture Density, (per Hour) (Tech & Gauge)	HOUR	85	\$84.50	\$7,182.50
79	Unconfined Compression Test Soil, each (Including Moisture)	EACH		\$55.00	\$0.00
80	Unconfined Compression Test Rock, each (Including Moisture)	EACH		\$66.50	\$0.00
81	Confined Compressions Test (UU), each	EACH		\$130.00	\$0.00
82	Triaxial Consolidated Undrained w/Pore Pressure Measurement, speci (3 Stage)	STAGE		\$1,300.00	\$0.00
83	Triaxial Consolidated Drained, per stage	STAGE		\$950.00	\$0.00
84	Consolidated Test, each	EACH		\$500.00	\$0.00
85	Direct Shear Consolidated Drained Sand & Gravel, point	POINT		\$300.00	\$0.00
86	Direct Shear Consolidated Drained Silt & Clay, point	POINT		\$300.00	\$0.00
87	California Bearing Ratio, each	EACH		\$417.00	\$0.00
88	THD Triaxial, each	EACH		\$1,700.00	\$0.00
89	Swell, each Absorption Pressure	EACH		\$180.00	\$0.00
90	Permeability Test Falling Head, each	EACH		\$400.00	\$0.00
91	Permeability Test Tiraxial, each	EACH		\$525.00	\$0.00
92	Permeability Test Flex Wall, each	EACH		\$525.00	\$0.00
93	Permeability Test Granular Soils, each (Constant Head)	EACH		\$400.00	\$0.00
94	Permeability Test Pressure Head w/Back Pressure Saturation, each	EACH		\$550.00	\$0.00
95	Electrical Resistivity, THD Method, each	EACH		\$175.00	\$0.00
96	Truck Mounted Mobilization, mile	MILE		\$4.10	\$0.00
97	Truck Mounted Mobilization, trip	TRIP		\$375.00	\$0.00
98	Buggy/Ave Mounted, mile	MILE		\$6.00	\$0.00
99	Buggy/Ave Mounted, trip	TRIP		\$650.00	\$0.00
100	Site Access Clearing (including disposal and revegetation) Lump Sum (**QOR)	LS		QOR	
101	Per Diem Per Man, (per day as per Federal Per Diem Rate Standard)	DAY		QOR	
102	Intermittent Soil Sampling w/Truck @ 5' Intervals 0-25' Depth, foot	FOOT		\$15.00	\$0.00
103	Intermittent Soil Sampling w/Truck @ 5' Intervals 25-50' Depth, foot	FOOT		\$19.50	\$0.00
104	Intermittent Soil Sampling w/Truck @ 5' Intervals 50-100' Depth, foot	FOOT		\$22.00	\$0.00
105	Continuous Soil Sampling w/Truck 0-10' Depth, foot	FOOT		\$23.75	\$0.00
106	Intermittent Soil Sampling w/ATV @ 5' Intervals 0-25' Depth, foot	FOOT		\$19.00	\$0.00
107	Intermittent Soil Sampling w/ATV @ 5' Intervals 25-50' Depth, foot	FOOT		\$21.50	\$0.00
108	Intermittent Soil Sampling w/ATV @ 5' Intervals 50-100' Depth, foot	FOOT		\$25.00	\$0.00
109	Continuous Soil Sampling w/ATV 0-10' Depth, foot	FOOT		\$22.00	\$0.00
110	Continuous Soil Sampling w/ATV 10-50' Depth, foot	FOOT		\$35.00	\$0.00
111	Auger Drilling Without Sample, foot	FOOT		\$12.00	\$0.00
112	Rock Coring w/NX Size, Core Barrel 0-25' Depth Carbide Bit, foot	FOOT		\$30.50	\$0.00
113	Rock Coring w/NX Size, Core Barrel 25-50' Depth Carbide Bit, foot	FOOT		\$33.00	\$0.00
114	Rock Coring w/NX Size, Core Barrel 50-75' Depth Carbide Bit, foot	FOOT		\$33.50	\$0.00
115	Rock Coring w/NX Size, Core Barrel 75-100' Depth Carbide Bit, foot	FOOT		\$35.00	\$0.00
116	Rock Coring w/NX Size, Core Barrel 50-75' Depth Diamond Bit, foot	FOOT		\$40.00	\$0.00
117	CME 5' Continuous Sampler 0-50' Depth, run	RUN		\$23.00	\$0.00
118	Stand By or Access Time, hour	HOUR		\$250.00	\$0.00
119	Drilling w/Auger Rig, hour	HOUR		\$250.00	\$0.00
120	Minimum Drill Fee	FEE		\$850.00	\$0.00
121	Post Injection Sub-grade Evaluation Per Boring Including Moisture and Free Swell Determination	EACH		\$650.00	\$0.00
122	Minimum Post Injection Charge	EACH		\$1,500.00	\$0.00
125	Vehicle Charge, (Per Trip)	TRIP	40	\$40.00	\$1,600.00

TOTAL WORK ORDER AMOUNT: \$36,661.50