

November 28, 2023
Proposal No.: P23-352



Mr. Chad Davenport
Brazoria County Parks
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**CMT Technical Services
Formerly Paradigm
Consultants, Inc.**

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TBPE Reg. No. F-001478

**Proposal for Construction Materials Engineering
Brazoria County Parks CTX- Pads
110 County Rd 193
Alvin, TX 77511**

Mr. Davenport:

CMT Technical Services, Formerly Paradigm Consultants, Inc. appreciates the opportunity to submit this construction materials testing revision proposal. This testing revision proposal presents our scope of services, unit rates, and **estimated cost of services**. The documentation available to develop this proposal was the supplied drawings and specifications. Please refer to the included Description of Services for scope details.

Project Description

The project consists of the inspections of site work for an additional restroom.

Estimate Cost of Services

We estimate the cost of the services listed below to be \$ 1,894, as shown in the following cost summary and the enclosed Description and Estimated Cost of Services. This is not a lump sum estimate. **THE ACTUAL COST OF OUR SERVICES IS DEPENDENT ON THE SCOPE OF SERVICES ACTUALLY REQUESTED AS WELL AS THE CONTRACTOR'S SCHEDULE AND EFFICIENCY. THEREFORE, WE WILL ONLY CHARGE FOR THE ACTUAL SERVICES PERFORMED AT THE APPLICABLE RATE.**

Earthwork Monitoring and Testing	\$ 1,654
Project Management	\$ 240

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Proposal Acceptance

If this proposal is acceptable, please sign this proposal and issue the standard PO for our services. Your signature on this proposal authorizes our services and indicates your acceptance of the proposed scope and cost estimate. The construction schedule was not provided at the time of the submission.

Closing

Again, we appreciate the opportunity to work with you. If you need any additional information, please call.

Sincerely,

**CMT Technical Services
Formerly Paradigm Consultants, Inc.**



Richard Alicea
Senior Project Manager

Enc. Estimated Cost of Services
Description of Services

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Basis of Charge

- ½ day for initial proof roll and Proctor pick up.
- 30,000ft² per day for building pad and paving soils placement and testing.
- 1 select fill Proctor, 1 native material Proctor
- No stand-by time, overtime, or re-testing was assumed in this proposal.
- Any variation of these assumptions will alter the cost of material testing, and a time and cost overrun report will be provided.
- One Project manager hour will be charged for every eight technician hours.

EARTHWORK MONITORING AND TESTING

Representative samples of general area fill, utility trench fill, and stabilized subgrade will be obtained and tested in the laboratory. The soils will be verified for specification compliance, and the optimum moisture/maximum dry density relations will be determined. The technician will also perform periodic field density testing of utility trench fill. The representative will also conduct field density testing at the specified frequency for stabilized subgrade.

PROJECT MANAGEMENT

The Project Manager will process and submit technical reports to team members in a timely manner. The Project Manager will also attend progress meetings when testing is a regular discussion topic and any special meetings required. The project manager will communicate immediately with the appropriate project team members if tests or inspections fail to meet specifications and assist with an efficient resolution.

NOTES:

1. A minimum of 4 hours will be invoiced for each trip.
2. Unless otherwise noted in the proposal, overtime for non-engineering personnel will be charged at 1.5 times the personnel rates. Overtime will be applicable for all hours before 6:00 a.m. and after 5:00 p.m., all hours over 8 hours per day, Monday through Friday, and all hours worked on weekends and holidays, unless otherwise agreed. In addition, expedited laboratory testing, which requires overtime to meet the construction schedule or contractor's request, will be charged at 1.5 times the listed rates.
3. Project management will be invoiced every month at a rate of one hour for every eight hours of field services provided. In addition, we will also invoice the Project Manager's time for meetings, site visits, and consultations.
4. Rates for field representatives and transportation charges are invoiced on a portal-to-portal basis.
5. A minimum of 24 hours advance notice is requested for scheduling or canceling field representatives or testing services. Work scheduled with less than 24 hours' notice will be serviced subject to available personnel. Work canceled with less than 4 hours' notice may be subject to the minimum charge if a field representative has been dispatched to the field.
6. Expenses such as consultant costs, delivery services, equipment rental, reproduction, subcontractor services, supplies, and travel, including airfare, car rental, and lodging, will be invoiced at Cost + 15%.

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7. Invoices will be submitted monthly for work in progress and are due and payable upon receipt. Invoices not paid within 30 days of the invoice date will be subject to 1.5% interest per month.

Earthwork Monitoring and Testing	Est. Quan.	Unit	Rate	Amount	Phase Total
Atterberg Limits	2	Each	\$66.00	\$132.00	
Percent Passing #200 Sieve	2	Each	\$55.00	\$110.00	
Moisture/Density Relation - Standard	2	Each	\$196.00	\$392.00	
Field Technician, RT	12	Hour	\$60.00	\$720.00	
Field Technician, OT	0	Hour	\$90.00	\$0.00	
Nuclear Density Device	2	Day	\$60.00	\$120.00	
Vehicle Charge	3	Trip	\$60.00	\$180.00	
Earthwork Subtotal					\$1,654.00
Project Management	Est. Quan.	Unit	Rate	Amount	Phase Total
Project Manager	2	Hour	\$120.00	\$240.00	
Project Management Subtotal					\$240.00
TOTAL ESTIMATED TESTING COST					\$1,894.00