



- GEOTECHNICAL ENGINEERING
- CONSTRUCTION MATERIALS
ENGINEERING & TESTING
- SOILS • ASPHALT • CONCRETE

December 3, 2020

City of Seguin
Development Services Center
108 E. Mountain Street
Seguin, Texas 78155

Attention: David Rabago, PE, CFM

**SUBJECT: PROPOSAL TO PERFORM CONSTRUCTION MATERIALS TESTING
WALNUT SPRINGS TRAIL EXTENSION
CSJ: 0915-46-046
SEGUIN, TEXAS
RETL Proposal Number: P113020A (Revision No. 2)**

Dear Mr. Rabago,

Introduction

As requested, Rock Engineering and Testing Laboratory, Inc. (RETL) is pleased to provide this proposal to perform the Construction Materials Testing for the proposed Walnut Springs Trail Extension project to be constructed in Seguin, Texas. This proposal contains our unit rates and an estimated testing budget. It is understood that RETL has been selected to perform these services based on our qualifications and experience. The City of Seguin has opted to use TxDOT's Quality Assurance Program for this project.

Unit Rates

The type of field and laboratory tests and inspections that may be required on this project and the associated unit fees are as follows:

- Atterberg Limits - \$75.00 each
- Standard Proctor - \$250.00 each
- Modified Proctor - \$275.00 each
- Sieve Analysis - \$75.00 each
- Minus #200 Sieve - \$45.00 each
- Soil pH Test - \$45.00 each
- Soil Resistivity - \$75.00 each
- Soil/Asphalt Compaction Test - \$45.00 each
- 6"x12" Concrete Test Cylinders, Compressive Strength - \$65.00 each (set of 2 requested)
- Engineering Technician - \$60.00 per hour (observations and standby time)
- Professional Engineer (PE) - \$150.00 per hour (project management & report review)
- Transportation Charge - \$125.00 each
- Project Setup Fee - \$75.00 lump sum

ROCK ENGINEERING & TESTING LABORATORY, INC.
10856 Vandale St. • San Antonio, Texas 78216
OFFICE: (210) 495-8000 • FAX: (210) 495-8015 • www.rocktesting.com

A minimum of 3 compaction tests will be billed each time this service is requested, and the compaction test fee includes the technician time, equipment, and reporting. One hour of technician time will be billed for on-site soil sampling. The fee for a set of concrete test cylinders includes the technician time up to 1-hour onsite, sampling equipment, casting, curing, testing specimens, and reporting the test results. Standard work hours are from 8:00 a.m. to 5:00 p.m., Monday through Friday. Weekend or work outside of standard work hours will be billed at an overtime rate of \$90.00 per hour, in addition to the per test rate. Professional Engineer (PE), for requested special inspections and meetings will be billed at a 2-hour minimum rate. The transportation charge includes the travel time and all vehicle charges.

Estimated Testing Budget

Based on the project information and plans provided to RETL, the project will include construction of a 10-foot wide trail along the west side of Walnut Springs extending from the existing trail at Convent Street to the existing trail at Max Starcke Park, a 10-foot wide trail from Goodrich Street to the existing trail at Convent Street and a 10-foot wide trail from Koepp Street to the proposed trail north of SH 123 Business (Austin Street). The proposed trails will be constructed using concrete paving and will include multiple retaining walls and bridges. The following estimate is based on the tests and quantities developed for the project:

- Atterberg Limits = 40 each (embankment & retaining wall select backfill)
- Standard Proctor = 40 each (embankment & retaining wall select backfill)
- Sieve Analysis = 40 each (embankment & retaining wall select backfill)
- Minus #200 Sieve = 40 each (embankment & retaining wall select backfill)
- Soil pH Test = 40 each (embankment & retaining wall select backfill)
- Compaction Test = 240 each (embankment & retaining wall select backfill)
- Concrete Test Cylinders = 480 (240 sets of 2) (piers, abutments, bents, trails & walls)
- Technician = 70 hours (site observations/inspections)
- Professional Engineer = 38 hours (project management, report review and special inspections)
- Transportation Charge = 320 each

Using the applicable unit rates and quantities provided, the estimated testing budget is \$111,575.00. If full time pier observations are requested, the add amount is \$6,650.00 which includes approximately 10-days of observations. If two 7-day concrete test cylinders are added to each set, the add amount is \$31,200.00. The total fee does not include any retests, overtime work or standby time. The total fee will be dependent on the number of tests performed, number of hours worked, and number of trips made to the site.

Limitations

Services provided by RETL under this Agreement will be performed in a manner consistent with the degree of care and skill ordinarily exercised by members of the same profession currently practicing under similar circumstances. In addition, and notwithstanding any other provisions of this Agreement, the Client agrees, to the fullest extent permitted by law, to indemnify and hold harmless RETL, his or her officers, directors, employees, agents and sub-consultants from and against all damage, liability or cost, including reasonable attorneys' fees and defense costs, arising out of or in any way connected with this project or the performance by any of the above named parties of the services under this Agreement, excepting only those damages, liabilities or costs attributable to the sole negligence or willful misconduct of RETL.

The Parties to this agreement agree that if any claim is made that RETL failed to comply with any term of this agreement or that it failed to perform its work and/or duties under this agreement properly, the client, upon proof that there was some failure to comply or some mistake in the performance of the work, shall not be entitled to recover any sum greater than the amount paid by the client to RETL for the services performed by RETL.

Either the Client or RETL may terminate this Agreement at any time with or without cause upon giving the other party 10-calendar days prior written notice. The Client shall within 10 calendar days of termination pay RETL for all services rendered and all costs incurred up to the date of termination, in accordance with the compensation provisions of this contract.

Closing

RETL looks forward to providing the construction materials testing during the construction phase of this project. Copies of the construction materials testing reports will be delivered to the client via email. A hard copy of the construction materials testing reports will be available through the mail only if explicitly requested by the client. If there are any questions, or if we can be of assistance, please contact our office.

Sincerely,



Kyle D. Hammock, P.E.
Vice President - San Antonio

ACCEPTED AND APPROVED

By: _____

Date: _____



Nathan Ruckstuhl, E.I.T.
CMT Project Manager

Project Information Sheet

1. Project Manager _____
2. Telephone No. _____ Email address _____
3. Your Project No. _____ Purchase Order No. _____
4. Report Distribution (electronically):
 - () Company: _____
Attn: _____
Email: _____
 - () Company: _____
Attn: _____
Email: _____
 - () Company: _____
Attn: _____
Email: _____
5. Invoicing Address: _____

Attn: _____
6. Site Contact: _____ Telephone No.: _____
Email: _____