

# CMT ENGINEERING LABORATORIES

Construction • Materials • Technologies

Geotechnical, Environmental, and Materials Engineering / Testing / Research

October 3, 2014

Mr. Craig Giles  
City of North Ogden  
505 East 1600 North  
North Ogden, Utah 84414

Project: North Ogden City Public Works Building

Dear Mr. Giles:

CMT Engineering Laboratories appreciates the opportunity to provide you with testing and inspections on the North Ogden City Public Works Building located at 162 East Pleasant View Drive.

The requested services will be performed by CMT in accordance with Exhibit B attached and the list of services and fees provided on Exhibit A, A-1 attached. We reserve the right to modify this contract if our understanding of the project changes or if your needs change.

Respectfully submitted,



Orvin Russell  
Project Manager

Prior to commencement of service, City of North Ogden, acknowledges and accepts the terms and conditions of this Proposal and the terms and condition of the attached Exhibit B-Terms & Conditions with CMT dated \_\_\_\_\_.

\_\_\_\_\_  
Company Representative

\_\_\_\_\_  
CMT Engineering Laboratories

\_\_\_\_\_  
Print Name and Title

\_\_\_\_\_  
Print Name and Title

Please return via email or fax the executed document to the attention of:

Kim Scott  
CMT Engineering Laboratories  
2800 South Redwood Road  
West Valley, Utah 84119  
Phone: 801-908-5859  
Fax: 801-972-9074  
Email: kim@cmtlaboratories.com

2800 South Redwood Road West Valley, Utah 84119  
Office: 801-908-5859 Fax: 801-972-9074

**EXHIBIT A**

**NORTH OGDEN PUBLIC WORKS BUILDINGS**

| Test Method                                 | Quantities | Unit Price   | Extended Amount   |
|---|------------|--------------|-------------------|
| <b>SOILS</b>                                |            |              |                   |
| Proctors ASTM/AASHTO                        | 2          | \$135.00 ea. | \$270.00          |
| Proctors ASTM/AASHTO (Rock Corrected)       | 2          | \$135.00 ea. | \$270.00          |
| Technician Time-Field Densities ASTM/AASHTO | 141        | \$41.00 hr.  | \$5,781.00        |
| Atterberg Limits ASTM /AASHTO               | 4          | \$90.00 ea.  | \$360.00          |
| Soils Classification ASTM /AASHTO           | 0          | \$32.00 ea.  | \$0.00            |
| Sieve Analysis ASTM/AASHTO (-3/4")          | 2          | \$65.00 ea.  | \$130.00          |
| Sieve Analysis ASTM/AASHTO (+3/4")          | 2          | \$140.00 ea. | \$280.00          |
| Sample Pick Up                              | 2          | \$82.00 ea.  | \$164.00          |
| Reporting Fee                               | 47         | \$5.00 ea.   | \$235.00          |
| Travel                                      | 47         | \$22.00 trip | \$1,034.00        |
| <b>Subtotal</b>                             |            |              | <b>\$8,524.00</b> |

Comment: The estimate for soils allows for 25 trips, If it is required to have a soils inspector on site full time, it will be a change order for \$6150.00 this is 1 trip per day for compaction testing on fill. It also allows for 10 trips for backfill of water, sewer lines, 2 trips for compaction of UTBC under parking, and 10 trips for backfill of basement and foundation walls for buildings.

**ASPHALT**

|  |    |              |                   |
|--|----|--------------|-------------------|
| Incineration / Gradation                                       | 2  | \$125.00 ea. | \$250.00          |
| Unit Weight Rice   | 2  | \$85.00 ea.  | \$170.00          |
| Density Testing w/ Thin Lift Gauge-Senior Technician time only | 8  | \$44.00 hr.  | \$352.00          |
| Thickness and Density of cores                                 | 10 | \$20.00 ea.  | \$200.00          |
| Coring   | 2  | \$70.00 hr.  | \$140.00          |
| Reporting Fee  | 1  | \$5.00 ea.   | \$5.00            |
| Travel   | 1  | \$22.00 trip | \$22.00           |
| <b>Subtotal</b>  |    |              | <b>\$1,139.00</b> |

Comment: The estimate for asphalt includes 1 day of paving with compaction monitoring during placement as well as 2 samples for lab testing of HMA properties. It also includes coring of HMA, with 10 cores for depth and density tests.

**CONCRETE**

|                                     |    |                  |                   |
|-------------------------------------|----|------------------|-------------------|
| Special Inspector                   | 24 | \$50.00 hr.      | \$1,200.00        |
| Cylinders (set of 5, 4"x8")         | 13 | \$70.00 ea.      | \$910.00          |
| Technician Time Air & Slump Testing | 36 | \$39.00 hr.      | \$1,404.00        |
| Cylinder Pick Ups                   | 7  | \$39.00 hr.      | \$273.00          |
| Floor Flatness Testing              | 0  | \$100.00 hr.     | \$0.00            |
| Reporting Fee (Special Inspector)   | 8  | \$5.00 ea.       | \$40.00           |
| Travel                              | 21 | \$22.00 trip     | \$462.00          |
| Travel, 1/2 trip                    |    | \$11.00 1/2 trip |                   |
| <b>Subtotal</b>                     |    |                  | <b>\$4,289.00</b> |

Comment: The estimate for concrete allows for a special inspector for 8 inspections for footings and foundation walls at 3 hours each. It also includes 1 trips for a testing technician at 3 hours each to test concrete for footings, foundation walls and slabs, and cast 13 sets of compressive strength test specimen.



Demolition of Old White House on Public Works Building Property  
Work done by North Ogden City Public Works Employees

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|                                     |                    |
|-------------------------------------|--------------------|
| Asbestos check                      | \$ 520.00          |
| Dept of Air Quality Application Fee | \$ 75.00           |
| Landfill Fees                       | \$ 2,000.00        |
| Total                               | <u>\$ 2,595.00</u> |

North Ogden Public Works  
 162 E Pleasant View Drive  
 CHANGE ORDER FORM

CHANGE ORDER: # 2  
 North Ogden Public Works  
 162 E Pleasant View Drive  
 North Ogden, UT 84404

DATE: 10/7/2014

| COMPANY         | DESCRIPTION  | SUBTOTAL | TOTAL    |
|-----------------|--|----------|----------|
| Rocky Mtn Brick | Cost to upgrade all but the top 3 courses of CMU from Smooth faced to Split Faced. Per Owner | \$ 4,100 | \$ 4,100 |
|                 |  | \$ -     | \$ -     |
|                 |  | \$ -     | \$ -     |
| LBS             | Site Coordination  | \$ 144   | \$ 144   |
|                 |  | \$ -     | \$ -     |
|                 |  | \$ -     | \$ -     |
|                 |  | \$ -     | \$ -     |
|                 |  | \$ -     | \$ -     |
|                 |  | \$ -     | \$ -     |
|                 |  | \$ -     | \$ -     |
|                 |  | \$ -     | \$ -     |
|                 |  | \$ -     | \$ -     |
|                 |  | \$ -     | \$ -     |
|                 |  | \$ -     | \$ -     |
|                 |  | \$ -     | \$ -     |
|                 |  | \$ -     | \$ -     |
|                 |  | \$ -     | \$ -     |

|                                |             |
|--------------------------------|-------------|
| Subtotal                       | \$ 4,244    |
| Profit & Overhead              | \$ 424      |
| Bond                           | \$ -        |
| Total Change Order Amount      | \$ 4,668    |
| <b>Total Adjusted Contract</b> | <b>\$ -</b> |

\_\_\_\_\_  
 Owner Signature

\_\_\_\_\_  
 Date

\_\_\_\_\_  
 Architect Signature

\_\_\_\_\_  
 Date

\_\_\_\_\_  
 Contractor's Signature

\_\_\_\_\_  
 Date

**SCHEDULE ADJUSTMENT:**  
 Time extension per change order: no change  
 Revised completion date: no change

North Ogden Public Works  
 162 E Pleasant View Drive  
 CHANGE ORDER FORM

CHANGE ORDER: # 1  
 North Ogden Public Works  
 162 E Pleasant View Drive  
 North Ogden, UT-84404 8/11/14

DATE: 9/30/2014

| COMPANY                 | DESCRIPTION   | SUBTOTAL            | TOTAL               |
|-------------------------|---|---------------------|---------------------|
|                         | <b>Rough in Utilities to the Future Greenhouse</b>            | \$ -                | \$ -                |
|                         | <b>Per Owners Request</b>                                     | \$ -                | \$ -                |
| Edge Excavation         | Water to green house in north location                        | \$ 2,500            | \$ 2,500            |
| TEC Electric            | Electrical Conduit to Green House Option 1 (North)            | \$ 7,074            | \$ 7,074            |
| <del>TEC Electric</del> | <del>Electrical Conduit to Green House Option 2 (South)</del> | <del>\$ 2,250</del> | <del>\$ 2,250</del> |
|                         |   | \$ -                | \$ -                |
| TEC Electric            | Added electrical rough in to future building                  | \$ 3,947            | \$ 3,947            |
|                         | Per City Civil Review comments                                | \$ -                | \$ -                |
|                         |   | \$ -                | \$ -                |
| Lundahl Building        | Site Coordination   | \$ 473              | \$ 473              |
|                         |   | \$ -                | \$ -                |
|                         |   | \$ -                | \$ -                |
|                         |   | \$ -                | \$ -                |
|                         |   | \$ -                | \$ -                |
|                         |   | \$ -                | \$ -                |

|                                |                             |
|--------------------------------|-----------------------------|
| Subtotal                       | \$ 16,253                   |
| Profit & Overhead              | \$ 1,625                    |
| Bond                           | \$ -                        |
| Total Change Order Amount      | \$ <del>17,878</del> 15,102 |
| <b>Total Adjusted Contract</b> | \$ -                        |

Owner Signature \_\_\_\_\_

Date \_\_\_\_\_

Architect Signature \_\_\_\_\_

Date \_\_\_\_\_

Contractor's Signature \_\_\_\_\_

Date \_\_\_\_\_

|  |
|--|
| <b>SCHEDULE ADJUSTMENT:</b>                |
| Time extension per change order: no change |
| Revised completion date: no change         |