

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	
SOILS						
Procto	ors ASTM/AASHTO	2	\$135,00	ea.	\$270.00	
Procto	ors ASTM/AASHTO (Rock Corrected)	2	\$135.00	ea,	\$270.00	
Techn	sician Time-Field Densities ASTM/AASHTO	141	\$41.00	hr.	\$5,781.00	
Atterb	Atterberg Limits ASTM /AASHTO		\$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	
Samp	Sample Pick Up		\$82.00	ea.	\$164.00	
Repor	ting Fee	47	\$5.00	ea.	\$235.00	
Trave	l	47	\$22,00	trip	\$1,034.00	
	Subtotal				\$8,524.00	

Comment: The estimatefor 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

	Subtotal				\$1,139.00
Travel		1	\$22.00	trip	\$22,00
Report	ing Fee	1	\$5.00	ea.	\$5.00
Coring		2	\$70.00	hr.	\$140.00
Thickr	less and Density of cores	10	\$20.00	ea,	\$200,00
Densit	y Testing w/ Thin Lift Gauge-Senior Technician time only	8	\$44.00	hr,	\$352.00
Unit V	/eight Rice	2	\$85,00	ea,	\$170.00
Incine	ation / Gradation	2	\$125.00	ea.	\$250.00

Comment: The estimate for asphalt includes 1day 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

	Subtotal				\$4,289.00
T	ravel, 1/2 trip		\$11.00	1/2 trip	
T	ravel	21	\$22.00	trip	\$462.00
R	eporting Fee (Special Inspector)	8	\$5.00	ea,	\$40.00
F	loor Flatness Testing	0	\$100.00	hr.	\$0.00
C	lylinder Pick Ups	7	\$39.00	hr.	\$273.00
T	echnician Time Air & Slump Testing	36	\$39.00	hr.	\$1,404.00
C	ylinders (set of 5, 4"x8")	13	\$70.00	ea.	\$910.00
S	pecial Inspector	24	\$50.00	hr.	\$1,200,00

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 east 13 sets of compressive strength test specimen..

CMTENGINEERING

MASONRY					<i>a</i> .		
GROUT	Masonry Inspection ICC	•	٠	16	\$50.00	hr.	\$800.00
	Grout Technician	•		0	\$39.00	hr.	\$0.00
	Prism			1	\$195.00	set	\$195.00
	Grout			0	\$100.00	set	\$0.00
	Mortar			0	\$60.00	set	\$0.00
	Special Inspection Reporting Fee			4	\$5.00	ea.	\$20.00
	Masonry Pick up			1	\$39.00	hr.	\$39,00
	Travel			5	\$22.00	trip	\$110.00
	Travel 1/2 trip				\$11.00	1/2 trip	
		Subtotal					\$1,164,00

Comment: The estimate for masonry work includes 4 grout placements, it is possible that the grout could be placed in 2 placements in which case the inspector time could be cut in half, it also allows for one set of masonry prisms.

STRUCTURAL

		Subtotal				\$768.00
	Travel		4	\$22.00	trip	\$88.00
	Special Inspection Reporting Fee		4	\$5.00	ea.	\$20.00
	Shop Structural Steel Visual Inspection		0	\$55.00	hr.	\$0.00
	Shop Structural Steel UT Inspection		0	\$80.00	hr.	\$0.00
STEEL	Field Structural Steel Visual Inspection		12	\$55.00	hr.	\$660.00

Comment: The estimate for steel welding and bolting allows for 4 inspections by a AWS or ICC certified weld inspector at 3 hours each, and is based on 2 trips each for the maintanance building and 2 for the storage building. If the two are ready for inspection at the same time these inspections can be cut in half.

PROFESSIONAL

		**Total Estimated Cost				\$18,659,00
		Subtotal				\$2,775,00
	Final Affidavit		0	\$350.00	ea	\$0.00
	Travel		0	\$22.00	trip	\$0.00
	Overtime Contingency		1	\$1,800.00	ea,	\$1,800.00
	Chemist		0	\$70,00	hr.	\$0.00
	Geotechnical Engineer		0	\$125.00	hr.	\$0.00
SERVICES	Project Management		15	\$65.00	hr.	\$975,00
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^{**}Total Estimated Costs are based on available information. Quantities are estimated by minimum industry and or specification standards.

^{**} All field tests have a two hour minimum charge on a portal to portal basis and Special Inspectors have a 3 hour minimum charge on a portal to portal basis. Time over the minimum swill be rounded to the nearest whole number. Overtime at 1.5 times the standard rate will be charged before 7:00 a.m. and after 5:00 p.m. over 8 hours and also on weekends and holidays. This is a unit rate proposal. Retest, show up and cancellation are not included and will be charged at our standard unit rate fees as listed above. The estimated total is listed for your convenience and may change with project schedules and with small quantity concrete placements etc

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

Asbestos check	\$ 520.00
Dept of Air Quailty Application Fee	\$ 75.00
Landfill Fees	\$ 2,000.00
Total	\$ 2,595.00

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	\$	4,100	\$ 4,100
ROCKY WITH BHCK	Cost to upgrade all but the top 3 courses of GMO	*	4,100	 4,100
	from Smooth faced to Split Faced. Per Owner	*		\$
		. \$		\$
LBS	Site Coordination	\$	144	\$ 144
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Subtotal	\$ 4,244
Profit & Overhead	\$ 424
Bond	\$ -
Total Change Order Amount	\$ 4,668
Total Adjusted Contract	\$

Owner Signature	Date
Architect Signature	Date
Contractor's Signature	Date

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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 용어니니	

DATE: 9/30/2014

COMPANY	DESCRIPTION	SUBTOTAL		TOTAL
	Rough in Utilities to the Future Greenhouse	\$ M 4	\$	-
	Per Owners Request	\$ -	\$	-
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
TÆC Electric	Electrical Conduit to Green House Option 2 (South)	\$ 2,259	-\$	2,250
		\$ -	\$	
TEC Electric	Added electrical rough in to future building	\$ 3,947	\$	3,947
	Per City Civil Review comments	\$ ы	\$	-
		\$ -	\$	-
Lundahl Building	Site Coordination	\$ 473	\$	473
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		\$ 	\$	
		\$ · per	\$	

Subtotal	\$	16,253
Profit & Overhead	\$	1,625
Bond	\$ 	
Total Change Order Amount	\$ 13,020	47,879
Total Adjusted Contract	\$	μ

Owner Signature	Date
Architect Signature	Date
Contractor's Signature	Dale

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