

FACILITIES REQUISITION FORM

VENDOR LT Environmental, Inc. DATE 04-24-2020

REQ BY: Matthew Schaefer, PM Work Order # PR-600254 Billable? Y/N N

CHARGE# 510102.521140 TOTAL COST: \$7,747.00 - BUYER: Pat Johnson, Senior Buyer

| <u>QTY DESCRIPTION</u> | <u>COST</u> |
|--|-------------------|
| <u>1 City of Fort Collins - Roof Repair and Replacement: 212 West Mountain Avenue -</u> <u>Visual Clearance, Air Clearance, Reporting</u> | <u>\$7,747.00</u> |
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ADDITIONAL INFO

COMPUTER INPUT INFORMATION:

VENDOR# _____ REQUISITION # _____ DATE ENTERED: _____

WORK ORDER FORM

PURSUANT TO A MASTER AGREEMENT BETWEEN
THE CITY OF FORT COLLINS
AND
LT ENVIIRONMENTAL, INC.

WORK ORDER NUMBER: PR-600254

PROJECT TITLE: City of Fort Collins – Roof Repair and Replacement: 212 West Mountain Avenue Environmental Reporting

ORIGINAL BID/RFP NUMBER & NAME: 8631

MASTER AGREEMENT EFFECTIVE DATE: 02-28-2018

WORK ORDER COMMENCEMENT DATE: 04-27-2020

WORK ORDER COMPLETION DATE: 07-31-2020

MAXIMUM FEE: (time and reimbursable direct costs): \$7,747.00

PROJECT DESCRIPTION/SCOPE OF SERVICES: 212 West Mountain Avenue: Visual Clearance, Air Clearance, Reporting

Service Provider agrees to perform the services identified above and on the attached forms in accordance with the terms and conditions contained herein and in the Master Agreement between the parties. In the event of a conflict between or ambiguity in the terms of the Master Agreement and this Work Order (including the attached forms) the Master Agreement shall control.

The attached forms consisting of five (5) pages are hereby accepted and incorporated herein, by this reference, and Notice to Proceed is hereby given after all parties have signed this document.

SERVICE PROVIDER:  Date: 4/20/2020
John Peterson, LT Environmental

ACCEPTANCE:  Date: 4/24/2020
Matthew Schaefer, Project Manager

REVIEWED: Pat Johnson Date: 4/24/2020
Pat Johnson, Senior Buyer

ACCEPTANCE: _____ Date: _____
Gerry Paul, Purchasing Director
(if greater than \$60,000)





LT Environmental, Inc.

*4600 West 60th Avenue
Arvada, Colorado 80003
303.433.9788*

April 14, 2020

Mr. Matthew Schaefer, RA, LEED AP
Senior Facilities Project Manager
Operations Services
City of Fort Collins
300 Laporte Avenue, Building B
Fort Collins, Colorado 80521

**RE: Proposal for Asbestos Abatement Final Visual and Air Clearance
Roof Abatement, Removal, and Replacement Project
The City of Fort Collins
212 Mountain Avenue
Fort Collins, Colorado**

Dear Mr. Schaefer:

LT Environmental, Inc. (LTE) (a proud member of WSP USA Inc. [WSP]) is pleased to submit this proposal to the City of Fort Collins (the City) to complete final visual and air clearances of the roof of the building located at 212 Mountain Avenue, Fort Collins, Colorado (Site). LTE understands the City intends to renovate and replace the roof of the building. The City has indicated the roof with an asbestos-containing layer will be removed in four sections by a general abatement contractor (GAC) and will require four separate clearance events. Final visual and air clearances will be completed once all ACM within each containment area has been removed.

SCOPE OF WORK

LTE proposes to conduct the following Scope of Services.

Air Monitoring and Clearance

Upon completion of abatement activities by the GAC, LTE will provide a Colorado Certified Air Monitoring Specialist (AMS) to conduct a final visual and air clearance monitoring via transmission electron microscopy (TEM) of the containment areas. Final air clearance samples collected will be submitted to Reservoirs Environmental, Inc., in Denver, Colorado (Reservoirs), for laboratory analysis. The results of the sampling will be compared to the maximum allowable asbestos level (MAAL). If all samples collected are found to be below the MAAL or 70 structures per square millimeter (s/mm²) per sample, the work areas will be deemed ready for re-occupancy by the public and/or other contractors. If the MAAL is exceeded in any of the five air samples within the abatement work area, the contractor will be required to re-clean the work area and an additional final visual inspection and air clearance will need to be completed. The final visual and air clearance monitoring will be conducted in accordance with CDPHE-AQCC Regulation 8,

The Control of Hazardous Air Pollutants, Part B, The Control of Asbestos, 5 CCR 1001-10, Section III.P. and can be reviewed at the following web link.

https://www.colorado.gov/pacific/sites/default/files/AP_ASB_Regulation-No-8-Part-B-Asbestos-amended-December-21-2007-effective-January-30-2008.pdf

Reporting

LTE will provide the City with a summary letter upon completing all final clearance activities. The report will provide a summary of our field inspections, final visual clearances, and analytical results of the air clearances.

COST ESTIMATE

The cost estimate for the final visual and air clearances is estimated on a time-and-materials basis and is approximately **\$7,747**. The work will be completed per RFP 8631 Environmental Services Contract. LTE can initiate work with the issuance of a work order issued by the City of Fort Collins.

ASSUMPTIONS

Based on the Scope of Work, LTE has developed the following assumptions:

- Scheduling can be arranged with the GAC and the City as to determine when the final visual and air clearances will be done, and that LTE will be provided 24-hour notice prior to needing to be on-site;
- Each clearance event will require approximately 8 hours, which includes travel to and from the site and sample drop off;
- Electricity will be supplied by the City or GAC to LTE to complete the air sampling;
- Four roofing sections will require final visual and air clearances;
- Final air clearance monitoring will be conducted with TEM samples and submitted on rush turn-around-time;
- Each containment will be cleared with 5 air samples, 1 trip blank, and 1 field blank; and
- Each containment will only require one final visual clearance and one round of final air clearance sampling, additional clearance sampling will be billed based on time and materials. The payment for which should be negotiated between the City and the GAC.

CLOSING

LTE looks forward to working with you on this project. Please contact the undersigned at 303.433.9788 if you have any additional questions.

Sincerely,

LT ENVIRONMENTAL, INC.



Ryan Zernis, PG
Project Geologist



Nick Talocco, PE
Senior Engineer

Attachments:

Table 1 – Estimated Cost Table



TABLE 1 – ESTIMATED COSTS

**TABLE 1
ESTIMATED COST TABLE
FINAL VISUAL AND FINAL AIR CLEARANCE
212 MOUNTAIN AVENUE
FORT COLLINS, COLORADO**

THE CITY OF FORT COLLINS

| LABOR | SR. SCI/ENG. I | PROJECT SCI/ENG. II | STAFF SCI/ENG. I | AMS | STAFF SCI/ENG. III | CLERICAL |
|---|---------------------------|--------------------------------|-----------------------------|------------|-------------------------------|----------------------------|
| TASK 1 - FINAL VISUAL AND AIR CLEARANCE | | 2 | | 32 | | 0.5 |
| TASK 2 - REPORTING | 1 | 1.5 | | 4 | | 0.5 |
| TOTAL HOURS | 1 | 3.5 | 0 | 36 | 0 | 1 |
| RATE (\$) | \$170.00 | \$105.00 | \$95.00 | \$83.00 | \$75.00 | \$55.00 |
| LABOR COST | \$170.00 | \$367.50 | \$0.00 | \$2,988.00 | \$0.00 | \$55.00 |
| | | | | | | LABOR SUBTOTAL: \$3,580.50 |

OTHER DIRECT COSTS

| TASK 1 - FINAL VISUAL AND AIR CLEARANCE | QUANTITY | UNITS | UNIT PRICE | UNIT FEE | COST |
|--|-----------------|--------------|-------------------|-----------------|------------------------------|
| Asbestos Air Samples - Analysis by TEM | 28 | /SAMPLE | \$105.00 | \$10.50 | \$3,234 |
| Level C PPE | 4 | /Day | \$20.00 | | \$80 |
| AMS Kit (Air Pumps) | 4 | /Day | \$100.00 | | \$400 |
| Vehicle | 4 | /DAY | \$113.00 | | \$452 |
| | | | | | TASK 1 ODC SUBTOTAL: \$4,166 |

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| TOTAL ESTIMATED COST: \$7,747 |
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