



Addendum 2

Project: **BID NO. 9930 TSD 2022 ROOFING PROGRAM**

Bid Due date: 11:00 AM Thursday, November 11, 2020 (UNCHANGED)

This Addendum is issued as modifications to the RFP previously issued to provide clarifications to the scope of work. This Addendum supersedes the original RFP. This along with the RFP becomes the bid documents.

I. General Information

1. For questions e-mail purchasingoffice@troy.k12.mi.us or through Buildingconnected.com.
2. Troy Athens High School asbestos report issued by Nova Environmental, Inc. dated November 8, 2021. (Attached)
3. Pre-bid meeting minutes as prepared by Weather Tech Consulting Group, Inc dated October 28, 2021. (Attached)

END



November 8, 2021

Mr. Rob Carson
Director of Operations
Troy School District
1140 Rankin
Troy, MI 48083

RE: Project #CI0006/AT126

Dear Mr. Carson:

Enclosed please find the results of the bulk sample(s) collected by Nova Environmental, Inc., from Athens High School, on November 4, 2021. The samples were analyzed utilizing Polarized Light Microscopy (PLM), according to the EPA 600/R-93/116 Method.

If you have any questions or if I can be of further assistance, please feel free to contact me at (734) 930-0995.

Sincerely,

NOVA ENVIRONMENTAL, INC.

Lisa Whitton
Vice President

LW/ab

Enclosures



BULK SAMPLING INFORMATION

This form provides information regarding the collection of bulk samples, in accordance with 40 CFR, part 763.85(b)(vii)(B).

1. **Date(s) of Bulk Sampling (Project #CI0006/AT126):**

November 4, 2021

2. **Name of Accredited Inspector(s) who collected Bulk Sample(s):**

Lisa Whitton

3. **Signature of Accredited Inspector(s) who collected Bulk Sample(s):**

A handwritten signature in blue ink that reads "Lisa Whitton".

4. **State of Accreditation of Inspector(s) who collected Bulk Sample(s):**

Michigan

5. **Accreditation Number of Accredited Inspector(s) who collected Bulk Sample(s):**

A30431

Note: Description of the manner used to determine sample locations:

All Samples are collected in accordance with 40 CFR, Part 763.86 and the EPA's Asbestos in Buildings: Simplified Sampling Scheme for Friable Surfacing Materials.

State of Michigan
Department of Labor and Economic Opportunity
Michigan Occupational Safety & Health Administration - Asbestos Program

Asbestos Inspector

Lisa L. Whitton
c/o Nova Environmental, Inc.
5300 Plymouth Road
Ann Arbor, MI 48105

Accreditation Number
A30431

Expiration Date
10/11/2022

DOB: 11/18/1981

This individual has satisfactorily met or exceeded the requirements of Michigan Public Act 440 of 1988, as amended, to be accredited as an Asbestos Inspector.

Accreditation card is not valid if altered. 154434

State of Michigan
Department of Labor and Economic Opportunity
Michigan Occupational Safety & Health Administration - Asbestos Program

Asbestos Management Planner

Lisa L. Whitton
c/o Nova Environmental, Inc.
5300 Plymouth Road
Ann Arbor, MI 48105

Accreditation Number
A30431

Expiration Date
10/11/2022

DOB: 11/18/1981

This individual has satisfactorily met or exceeded the requirements of Section 206 of the Toxic Substances Control Act to be accredited in the above discipline.

Accreditation card is not valid if altered. 154435

State of Michigan
Department of Labor and Economic Opportunity
Michigan Occupational Safety & Health Administration - Asbestos Program

Asbestos Project Designer

Lisa L. Whitton
c/o Nova Environmental, Inc.
5300 Plymouth Road
Ann Arbor, MI 48105

Accreditation Number
A30431

Expiration Date
10/11/2022

DOB: 11/18/1981

This individual has satisfactorily met or exceeded the requirements of Section 206 of the Toxic Substances Control Act to be accredited in the above discipline.

Accreditation card is not valid if altered. 154433



LABORATORY INFORMATION

1. **Name of Laboratory:**

EMSL

2. **Address of Laboratory:**

1511 Northville Rd., Plymouth, MI 48170

3. **Name of Analyst:**

Conner Frymier

4. **Signature of Analyst:**

See Attached Laboratory Results Sheet

5. **Date(s) of Analysis:**

November 8, 2021

6. **National Voluntary Laboratory Accreditation Program (NVLAP) Number:**

101048-4

7. **Applicable Requirements Statement:**

Samples are analyzed for asbestos by laboratories accredited under the National Voluntary Laboratory Accreditation Program (NVLAP), in accordance with 40 CFR, Part 763.87(a). This program is provided under the auspices of the United States Department of Commerce National Institute of Standards and Technology. Question #6 provides the NVLAP Accreditation Number for the laboratory, which performed the asbestos bulk analysis on the samples collected.



BULK SAMPLE RESULTS

CLIENT: Troy Public Schools

BUILDING: Athens High School

PROJECT #: CI0006/AT126

TYPE OF ANALYSIS: PLM

<u>SAMPLE I.D.</u>	<u>MATERIAL DESCRIPTION</u>	<u>CLASS</u>	<u>LOCATION OF SAMPLE</u>	<u>SAMPLE CONDITION</u>	<u>ASBESTOS DETECTED</u>	<u>%/TYPE</u>	<u>NON-ASBESTOS MATERIAL</u>
CI0006/AT126-001A-B	Roof Core	Misc.	Roof E, Center	Non-Friable	None Detected	---	Refer to Analytical Report
CI0006/AT126-002A-B	Roof Insulation	Misc.	Roof E, Center	Non-Friable	None Detected	---	Refer to Analytical Report
CI0006/AT126-003A	Silver Paint/Tar for Roof Flashing	Misc.	Roof E, North Wall, Center	Non-Friable	Yes	4% Chrysotile	Refer to Analytical Report
CI0006/AT126-003B	Shingle for Roof Flashing	Misc.	Roof E, North Wall, Center	Non-Friable	None Detected	---	Refer to Analytical Report
CI0006/AT126-003C	Built Up Roofing A for Roof Flashing	Misc.	Roof E, North Wall, Center	Non-Friable	None Detected	---	Refer to Analytical Report
CI0006/AT126-003D	Built Up Roofing B for Roof Flashing	Misc.	Roof E, North Wall, Center	Non-Friable	None Detected	---	Refer to Analytical Report
CI0006/AT126-003E	Tar Felt A for Roof Flashing	Misc.	Roof E, North Wall, Center	Non-Friable	None Detected	---	Refer to Analytical Report
CI0006/AT126-003F	Tar Felt B for Roof Flashing	Misc.	Roof E, North Wall, Center	Non-Friable	None Detected	---	Refer to Analytical Report
CI0006/AT126-004	Flashing Silvercoat/Tar	Misc.	Roof E, South Wall	Non-Friable	None Detected	---	Refer to Analytical Report
CI0006/AT126-005	Roof Flashing Caulk	Misc.	Roof E, Southwest Corner	Non-Friable	None Detected	---	Refer to Analytical Report

12 samples total – Refer to Analytical Report



EMSL Analytical, Inc.

15111 Northville Rd Plymouth, MI 48170

Tel/Fax: (734) 668-6810 / (734) 668-8532

<http://www.EMSL.com> / annarborlab@emsl.com

EMSL Order: 082102834

Customer ID: NOVA53

Customer PO:

Project ID:

Attention: Lisa Whitton
Nova Environmental, Inc
5300 Plymouth Rd
Ann Arbor, MI 48105

Phone: (734) 260-5525

Fax: (734) 930-2969

Received Date: 11/05/2021 12:25 PM

Analysis Date: 11/08/2021

Collected Date:

Project: CI0006/AT126/Troy SD/Athens HS

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
CI0006/AT126-001A <small>082102834-0001</small>	Built Up Roofing	Black Fibrous Heterogeneous	8% Cellulose 20% Glass	72% Non-fibrous (Other)	None Detected
CI0006/AT126-001B <small>082102834-0001A</small>	Insulation	Brown Fibrous Homogeneous	98% Cellulose	2% Non-fibrous (Other)	None Detected
CI0006/AT126-002A <small>082102834-0002</small>	Tar Paper	Black Fibrous Homogeneous	75% Cellulose 5% Glass	20% Non-fibrous (Other)	None Detected
CI0006/AT126-002B <small>082102834-0002A</small>	Foam	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
CI0006/AT126-003A <small>082102834-0003</small>	Silver Paint/Tar	Black/Silver Non-Fibrous Heterogeneous		96% Non-fibrous (Other)	4% Chrysotile
CI0006/AT126-003B <small>082102834-0003A</small>	Shingle	Gray/Black Fibrous Heterogeneous	10% Synthetic 10% Glass	80% Non-fibrous (Other)	None Detected
CI0006/AT126-003C <small>082102834-0003B</small>	Built Up Roofing A	Black Fibrous Heterogeneous	12% Glass	88% Non-fibrous (Other)	None Detected
CI0006/AT126-003D <small>082102834-0003C</small>	Built Up Roofing B	Black Fibrous Heterogeneous	10% Synthetic 18% Glass	72% Non-fibrous (Other)	None Detected
CI0006/AT126-003E <small>082102834-0003D</small>	Tar Felt A	Black Fibrous Homogeneous	40% Glass	60% Non-fibrous (Other)	None Detected
CI0006/AT126-003F <small>082102834-0003E</small>	Tar Felt B	Black Fibrous Homogeneous	45% Glass	55% Non-fibrous (Other)	None Detected
CI0006/AT126-004 <small>082102834-0004</small>		Black/Silver Non-Fibrous Heterogeneous	9% Cellulose	91% Non-fibrous (Other)	None Detected
CI0006/AT126-005 <small>082102834-0005</small>		Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected



EMSL Analytical, Inc.

15111 Northville Rd Plymouth, MI 48170

Tel/Fax: (734) 668-6810 / (734) 668-8532

<http://www.EMSL.com> / annarborlab@emsl.com

EMSL Order: 082102834

Customer ID: NOVA53

Customer PO:

Project ID:

Analyst(s)

Conner Frymier (12)

Ryan Shannon, Laboratory Manager
or Other Approved Signatory

EMSL maintains liability limited to cost of analysis. Interpretation and use of test results are the responsibility of the client. This report relates only to the samples reported above, and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities or analytical method limitations. The report reflects the samples as received. Results are generated from the field sampling data (sampling volumes and areas, locations, etc.) provided by the client on the Chain of Custody. Samples are within quality control criteria and met method specifications unless otherwise noted. The above analyses were performed in general compliance with Appendix E to Subpart E of 40 CFR (previously EPA 600/M4-82-020 "Interim Method") but augmented with procedures outlined in the 1993 ("final") version of the method. This report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST or any agency of the federal government. Non-friable organically bound materials present a problem matrix and therefore EMSL recommends gravimetric reduction prior to analysis. Unless requested by the client, building materials manufactured with multiple layers (i.e. linoleum, wallboard, etc.) are reported as a single sample. Estimation of uncertainty is available on request.

Samples analyzed by EMSL Analytical, Inc. Plymouth, MI NVLAP Lab Code 101048-4

Initial report from: 11/08/2021 10:37:12



Pre-Bid Meeting Minutes

Project: BID NO. 9930 - TROY SCHOOL DISTRICT 2022 ROOFING PROGRAM
DISTRICTWIDE

Owner: Troy School District (TSD)
4400 Livernois Rd. Troy, MI 48098

Location: 4400 Livernois Rd. Troy, Michigan 48098

Meeting Date: October 28, 2022 **Meeting Time:** 10:00 a.m. EST

Report #: Pre-Bid Meeting **Report Date:** October 29, 2022

Participants: Katelyn Weaver – TSD, Peter Kinnunen – WeatherTech (WT), Ann Crippen – WT, John McCaig – WT, Jason Wilkerson – Royal West Roofing, Robert Bittner – Schena Roofing, Don Ciampichini – Newton Crane Roofing, Bill Cronk – JD Candler Roofing, Mike Szyski – Quality Roofing, Jonathon Crosby – Local 149, Scott Passou – Bloom Roofing

ITEM	DESCRIPTION	ACTION BY
1.	<p><u>Bids Due to TSD, Thursday, December 4th @ 10am</u></p> <p>Bids: Sealed bids should be submitted through Buildingconnect.com with the following link: https://app.buildingconnected.com/public/5cc9d7f637c1a90018cb55dc. No physical bids will be accepted in person or via delivery service. Bids are to be submitted no later than 11:00 am Thursday, November 11, 2021. The District will not consider or accept a bid received after the date and time specified for bid submission. Bids will be publicly opened immediately following the close of receiving bids with the following virtual meeting link: meet.google.com/ccs-iybr-xmj or phone number (352) 720-0237 PIN 769 080 789.</p> <p>No oral, email, telephonic or telegraphic proposals shall be considered.</p> <p>Bid Bond: Submit with bid five percent (5%) bid bond or certified check. Bid to include all costs for a Payment and Performance Bond as noted in the TSD Invitation to Bid</p>	All
2.	RFI's are due on the WTCG website by Monday, November 8, 2021 @ 12pm. The Addendum for the RFI responses will be posted to the WTCG and Building Connected Websites by 12/1/20.	All
3.	Site Walks: John McCaig will lead the site walks immediately after the meeting. For additional visits, please contact Katelyn Weaver (TSD) @ KWeaver@troy.k12.mi.us .	All
4.	Allowances: Stated on the bid form.	RC
5.	Contract award anticipated January 2022.	All
6.	Bid documents are available through WeatherTech Consulting Group, Inc., online by accessing their website at www.wtcgproject.net and selecting online programs. Username: TSD2022Roofing@gmail.com and Password: TSD9930	RC
7.	Asbestos testing results to be issued via addendum.	All
8.	Steps on using Buildingconnect.com requested from LeCole Planners. Contact Mark @ lecoleplanners3@gmail.com with questions.	MK/MP

The following minutes represent the items discussed at the pre-bid meeting held at the job site. These minutes also include clarifications on topics that may not have been specifically discussed but are pertinent to the replacement and/or repair of the roof system(s). These minutes become part of the Contract Documents.
This confirms and records our interpretation of the discussions which occurred, and our understanding of the conclusions reached, during this meeting.

Requests for Information and/or questions or comments regarding these minutes must be submitted in writing no later than noon EST on Monday, November 8, 2021. We will assume that the information contained herein is complete and accurate unless concerned parties indicate otherwise before that time.

Prepared by: Peter Kinnunen, VP of Operations

Cc: All Attendees, file

Attachments: Pre-Bid Agenda



PRE-BID MEETING Sign-in Log

TSD 9930 Roof Program Conference Date: 10/28/21 Time: 11:00 am Location: 4400 Livernois, Troy, Michigan 48098

Please Print

Company Name	NAME (please print)	CELL PHONE	PHONE	EMAIL ADDRESS
WTG	Peter Kinnunen			
WTG	Ann Crispin			
WTG	John McCaig			
SDC	Bill Cronk	313-580-3115		
Bloom Roofing	Scott Passon	734-260-0182		spasson@bloomroofing.com
Local 149	Jonathan Crosby	810 841 2471		j.crosby@rooferlocal149.com
Quelley Rf	Mike Szynalski	7555 5522		ESTimating@QuelleyRf.com
Foster Rf	Jason Wickerson		810-360-0112	Jason@regalwestroofing.com
New Tecare	Don CAMPBELL	248-941-2615		donc@necroof.us
Baker & Butler	Eric HUSSEY	248-303-6126		ehussey@bhconstruct.com
SCHNUR Roofing	Robert Bittner	586-615-1037	586-949-4777	RBittner@SCHNUR Roofing.com

PRE-BID CONFERENCE AGENDA

Troy School District Bid No. 9930 2022 Roof Program

Project Name: BID NO. 9930 Troy School District 2022 Roof Program

Meeting Date and Time: Thursday, October 28, 2022 at 10:00 a.m.

Meeting Location: Troy School District, Administrative Building, 4400 Livernois, Troy, Michigan

Introductions: Troy School District, WeatherTech, Contractors and other invited parties.

Scope Summary: Troy School District (TSD) 2022 Roof Program **work for three (3) schools** covering approximately 86,500 sq. ft. Roofing work includes roof replacement required to remediate all defects identified in the restoration schedules and drawings inclusive of all Bid Documents requirements.

Reroofing Work: Contractor(s) will have approximately 45 work days to substantially complete the project starting at the end of the academic year on or about June 17, 2022 and substantial completion on or about August 19, 2022 on ALL schools from the date of the Notice to Proceed.

School	Reroofing and/or Restoration Sq. Ft.	TSD 2022 Roof Work	Project Time Frame
Troy High School	37,900	Roof Area L - 1992 Portion Roof Approx. Roof Area O; Roof Area Q; Roof Area R	6/17/22 - 8/19/22
Athens High School	37,600	Roof Area E; RA H1, H2, H3 & H4; Expansion Joint off F(H5); Roof Area K - Ticket booth	6/17/22 - 8/19/22
Schroeder Elementary School	11,000	Roof Area C, D & E	6/17/22 - 8/19/22
Total Roof Area (Sq. Ft.)	86,500		

Project List Troy School District 2021 Roofing Program

Work Hours: Section 01 14 1 Use of Site -

Bids to be based on this initial schedule for site work

1. Work Hours Monday through Friday, Saturday rain makeup day
2. 10 hours per day schedule
3. Reference City of Troy Noise Ordinance(s)

Program Schedule:

1. 10/28/21 – Pre-Bid Meeting @ 10 am (non-mandatory per Addendum 1)
2. 10/28/21 – Post-Pre-Bid Meeting w/ WTCG– Site Visits; Additional visits scheduled w/Katelyn Weaver from Troy Schools.

3. 11/08/21 – RFI Questions Due to WT, 12pm
4. 11/11/21 – Bids Due on Buildingconnect.com @ 11am
5. 11/12/21 - Post Bid Meetings - Times TBD
6. Notice of Award by December 31, 2021

TSD ROOF PRE-BID CONTRACTOR WALK: See attached document

Bid Documents: Bid documents are available through WeatherTech Consulting Group, Inc., online by accessing their website at www.wtcgproject.net and selecting online programs.

Username: TSD2022Roofing@gmail.com and Password: TSD9930

If you have WTCG website questions, please contact Ann Crippen at acrippen@wtcg.net.

1. **Bids:** Sealed bids should be submitted through Buildingconnect.com with the following link: <https://app.buildingconnected.com/public/5cc9d7f637c1a90018cb55dc>. No physical bids will be accepted in person or via delivery service. Bids are to be submitted no later than 11:00 am Thursday, November 11, 2021. The District will not consider or accept a bid received after the date and time specified for bid submission. Bids will be publicly opened immediately following the close of receiving bids with the following virtual meeting link: meet.google.com/ccs-iybr-xmj or phone number (352) 720-0237 PIN 769 080 789.
No oral, email, telephonic or telegraphic proposals shall be considered.

Bid submission information: Section 00 01 13 Instructions to Bidders– Troy School District. Attached

1. Bid Form and Unit Price Form;
2. Sworn and notarized familial disclosure statement and Iran Economic Sanctions Act;
3. Bid Guarantee: Five percent (5%) bid bond or certified check.

Award: Troy School District anticipates award to multiple contractors in order to meet schedules.

Bonds: Sections 00 01 13, 00 03 04 and 00 03 05

1. Performance and payment bonds

Agreement Type: Section 00 01 13 Instructions to Bidders – Troy School District; & Sec 00 50 00. Attached

1. General PO and AIA Contract 101 Standard Form of Agreement Between Owner and Contractor;
2. AIA 201 General Conditions of the Contract for Construction.

Base Bid: Sec 00 03 00 Bid Form

The Roofing Contractor shall be considered the prime contractor and include in his base bid, all costs relating to:

1. Base Bid includes roof replacement and restoration of work required to replace designated roof areas and remediate all defects identified in the restoration schedules and drawings inclusive of all Bid Documents requirements.
 - a. Each of the schools individually bid on line item basis including:
 - Reroofing and restoration work, plus,
 - Allowances added to bid form.
 - b. Liquidated Damages at \$800/ day can be assessed after August 20, 2022.

Allowances: Section 00 03 00 Bid Form and Roof Plan Schedules Base bid to include allowances:
Allowance amounts are specified on applicable roof replacement plan.

Unit Prices: Section 00 03 01 Unit Price Bid Form

1. Separate form.
2. Used for pricing and tracking Allowances and Unit Price Items

Warranty/ Guarantee

1. **Roof Replacement:**
 - a. Provide roof system manufacturer's "No-Dollar-Limit" twenty (20) year material and installation warranty.
 - b. 5 year performance agreement, reference Spec. 075400; Page 11.

RFIs and Questions:

All questions & RFIs during bidding come to WeatherTech no questions to TSD.

NOTE: Website RFI tool expedites all questions.

Formal Requests for Information and proposed substitutions to be submitted online at www.wtcgproject.net using the RFI tool in writing no later than 12pm, November 8, 2021 prior to bid date. Requests will be answered only if the response can be given through an Addendum made available at least forty-eight hours before Bid opening (counting Business Days only)

Contacts:

WeatherTech Consulting Group – Project Administrator

Ann Crippen acrippen@wtcg.net, (586) 731-3095, ext. 15

WeatherTech Consulting Group – Project Manager

Peter Kinnunen pkinnunen@wtcg.net, (586) 731-3095, ext. 12

Troy School District – Bond Representative

Michelle Kerns, 248-921-3929, Mkerns@troy.k12.mi.us

Troy School District – Facilities Operations Supervisor

Katelyn Weaver, 248-214-3928, kweaver@troy.k12.mi.us

POST PRE-BID CONTRACTOR WALK

Troy School District

Bid No. 9930 2021 Roof Program

Schedule – October 28th

11:30 am – Athens High School

4333 John R Road, Troy, MI 48085

Immediately Following – Schroeder Elementary School

3541 Jack Drive, Troy, MI 48084

Immediately Following – Troy High School

4777 Northfield Pkwy, Troy, MI 48098