

BID FORM

DATE: July 26, 2018 (Revised October 8, 2018)

PROJECT: Joe Louis Arena Asbestos/Hazardous Material Abatement Services

Name of Bidder: Tim Niles

Name of Business: National Environmental Group, LLC.

Business Address: 5048 Pilgrim Rd, Flint, MI 48507

Business Phone/Fax Number; email address: (810) 736-7911/ (810) 736-0473, tniles@negllc.us

The Bidder, in compliance with the Advertisement to Bid for providing Asbestos/Hazardous Material Abatement Services, at the Joe Louis Arena, having examined the Contract Documents and the Project Manual and Bidding Documents and all other related documents and being familiar with the site of the proposed project including availability of materials and labor and weather conditions, hereby proposes to furnish all labor, materials, tools, equipment, machinery, equipment rental, transportation, superintendence, provide all services, and to perform all work in the bid stated in accordance with the contract documents for the amount stated below. These prices are to cover all expenses incurred in performing work required for this bid category under the contract documents.

After the bids are received, tabulated and evaluated by the project Team, and the apparent lowest bidder has been determined, said bidder agrees to meet immediately with the Owner, Environmental Consultant, and General Contractor. For purposes of this meeting, the bidder agrees to provide post bid information.

Bidder, if awarded a contract, agrees to commence work upon receipt of a written Agreement and to fully complete their work in accordance with and to conform to the agreed upon milestone activity dates and durations set forth in the Bidding Documents and subsequent construction schedule established by the General Contractor.

BID FORM

Bids for Asbestos/Hazardous Material Abatement Services at the Joe Louis Arena are requested as follows (show amounts in both words and figures. In case of discrepancy, amount shown in words will govern):

PART A

Lump Sum Base Bid

Furnish all labor, materials, equipment and services necessary for and incidental to the above-named project as directed in the Contract Documents. The sum is based on performance with insurance coverage as specified in Section – Insurance Requirements. Work areas include all work as described herein.

<u>Material/Service Description</u>	<u>Number of Days to Complete Work Item</u>	<u>Bid Amount</u>
Third Floor Asbestos Abatement (64,000 ft ² drywall ceiling)	<u>130 shifts</u> <u>concurrent with 4th floor</u>	<u>\$ 1,728,000.00</u>
Third Floor Suites and Press Box Asbestos Abatement (6,000 ft ² drywall ceiling)	<u>15 shifts</u>	<u>\$ 130,000.00</u>
Removal of 9 ft ² of ceiling in 8 locations Of the Third Floor Ceiling in the Seating Areas between the suites (4 per side)	<u>10 shifts</u>	<u>\$ 29,000.00</u>
Fourth Floor Asbestos Abatement (87,000 ft ² drywall ceiling includes blue ceiling on Fourth floor)	<u>100 shifts</u>	<u>\$ 2,870,000.00</u>
Miscellaneous Asbestos Abatement (all items in Table 1 of the assessment report Not including the 3 rd and 4 th floor drywall and The exterior perimeter wall).	<u>5 shifts</u>	<u>\$ 13,000.00</u>
Miscellaneous Hazardous Material Abatement (items listed in Table 2 of assessment report)	<u>10 shifts</u>	<u>\$ 56,000.00</u>
Exterior Perimeter Wall Abatement/Disassembly (206,000 SF (surface area quantity of whole panels includes 2 nd layer on East 43,000 SF and the Pedestrian Bridge 3,000 SF)	<u>50 shifts</u>	<u>\$ 1,598,000.00</u>

TOTAL LUMP SUM BASE BID

\$ 6,424,000.00

Amount included for performance and payment bonds

\$ 58,000.00

Required Submittal Checklist

1.	Bid Bond/Cashier's Check:	<u>X</u>	Amount \$ <u>0.00</u>
1.	Performance Bond/Payment Bond:	<u>X</u>	Amount <u>\$58,000.00</u>
2.	Contractor License	<u>X</u>	
3.	Authorized Personnel Qualifications	<u>X</u>	
4.	Proof of Required Insurance	<u>X</u>	
5.	Assigned/Dedicated Personnel/Qualifications	<u>X</u>	
6.	Subcontractor Designation (s)/Qualifications	<u>X</u>	
7.	Site Safety and Loss Program Documentation	<u>X</u>	
8.	Schedule, Phasing and Work plan Documentation	<u>X</u>	

SCHEDULE: PLEASE SEE REVISED SCHEDULE

Refer to Project submittals in Exhibit A. Part 4, page 22, Work Plan Development and Exhibit A, Section S, parts a through k on page 35.

PART B

PART 1

UNIT PRICE SCHEDULE:

Furnish all labor, materials, equipment and services necessary for and incidental to the above-named project as directed in the Contract Documents. All applicable taxes and bond costs are to be included in the Unit Prices. Unit prices shall be utilized in the event additional removal work and/or deletions of work are included at the Owner's/Environmental Consultant's discretion.

ASBESTOS/ASBESTOS Contamination Removal Unit Prices:

12"x12" Floor Tile/Mastic Removal, Per Square Foot: (includes materials, labor and disposal)	\$ 2.50
9"x9" Floor Tile/Mastic Removal, Per Square Foot: (includes materials, labor and disposal)	\$ 2.50
Straight Pipe Insulation Removal Per Linear Foot: (includes materials, labor, and disposal)	
Pipe Diameter of < 6"	\$ 20.00
Pipe Diameter of 6" to 12"	\$ 25.00
Pipe Diameter of > 12"	\$ 45.00
Pipe Fitting Insulation Removal Per Each Fitting: (includes materials, labor, and disposal of elbows, valves, T's, etc.)	
Pipe Diameter of < 6"	\$ 20.00
Pipe Diameter of 6" to 12"	\$ 25.00
Pipe Diameter of > 12"	\$ 45.00
Cementitious Panel Removal, per square foot: (includes materials, labor and disposal)	\$ 5.00
Fire Door Removal, per door: (includes materials, labor and disposal)	\$ 125.00
Vapor Barrier, per square foot: (includes materials, labor and disposal)	\$ 4.50
Duct Insulation Removal, per square foot: (includes materials, labor and disposal)	\$ 12.50

HVAC Fabric (vibration dampener cloth) Removal, per square foot: (includes materials, labor and disposal)	\$ 5.00
Mixer Box Insulation, per square foot: (includes materials, labor and disposal)	\$ 12.50
Spray Applied Insulation Removal, per square foot: (includes materials, labor and disposal)	\$ 18.50
Decorative Surfacing Material, per square foot: (includes materials, labor and disposal)	\$ 8.00
Tank Insulation Removal, per square foot: (includes materials, labor and disposal)	\$ 12.50
Sink Undercoating Insulation, Removal, per sink: (includes materials, labor and disposal)	\$ 45.00
Paper Baffle Insulation Removal, per square foot: (includes materials, labor and disposal)	\$ 12.50
2' X 4' Suspended Grid System demolition, per square foot: (includes materials, labor and disposal)	\$ 3.25
Ceiling Demolition including suspended/systems, per square foot: (including materials, labor and disposal)	\$ 27.50
- 1'X 1'Glue-on (including substrate)	\$ 2.75
- 1'X 1'Suspended spline	\$ 2.25
- 2'X 4'Suspended lay-in	\$ 1.25
- 2'X 4'Suspended lay-in	\$ 1.25
- 2'X 2'Suspended lay-in	\$ 1.25
- Plaster Walls/Ceilings	\$ 12.50
Exterior Perimeter Panel Removal, per square foot (includes materials, labor and disposal)	\$ 7.76
Carpet Removal, per square foot (including materials, labor and disposal)	\$ 1.75
Floor Tile/Linoleum, per square foot (including materials, labor and disposal)	\$ 4.00

Boiler Gasket Material, per square foot (including materials, labor and disposal)	\$ 5.00
Heat Converter Tank Insulation, per square foot (including materials, labor and disposal)	\$ 12.50
Roof Flashing per square foot (including materials, labor and disposal)	\$ 5.00
Remobilize to continue work on additional items, in the event that the scheduled work is interrupted:	\$ 15,000.00

Non-ACM Demolition Unit Prices

Concrete wall Demolition per square foot: (includes materials, labor and disposal)	\$ N/A
2' X 4' Suspended Grid System demolition, per square foot: (includes materials, labor and disposal)	\$ 1.75
Ceiling Demolition including suspended/systems, per square foot: (including materials, labor and disposal)	\$ 13.75
- 1'X 1'Glue-on (including substrate)	\$ 1.35
- 1'X 1'Suspended spline	\$ 1.12
- 2'X 4'Suspended lay-in	\$ 1.05
- 2'X 2'Suspended lay-in	\$ 1.05
- Plaster Walls/Ceilings	\$ 15.00
Carpet Removal, per square foot (including materials, labor and disposal)	\$.95
Floor Tile/Linoleum, per square foot (including materials, labor and disposal)	\$ 1.25
<u>Hazardous Material Removal Unit Prices:</u>	
Fluorescent Light Ballast, Removal, Per Ballast: (includes materials, labor and disposal)	\$ 9.00
Fluorescent Light Removal, Per (four) 4-foot Bulb: (includes materials, labor and disposal)	\$ 2.25
Mercury Thermostat Switch Removal, Per Switch: (includes materials, labor and disposal)	\$ 10.50

Lead Sheeting Removal, Per Square Foot: (includes materials, labor and disposal)	<u>\$ 7.50</u>
Lead Based Paint Removal, Per Square Foot: (includes materials, labor and disposal)	<u>\$ 25.00</u>
Batteries, Per Battery: (includes materials, labor and disposal)	<u>\$ 10.00</u>
Elevator Hoist Removal, Per Hoist: (includes materials, labor and disposal)	<u>\$ 2,500.00</u>
Stove Hood, Per Square Hood Extinguisher System: (includes materials, labor and disposal)	<u>\$ 1,250.00</u>
Transformer Removal, Per Transformer: (includes materials, labor and disposal)	<u>\$ need more information on type and size</u>

PART 2
LIST OF SUBCONTRACTORS

1. Subcontractor Business Name and Address: William E. Walter Inc.
1917 Howard Ave., Flint, MI 48503

Work to be performed: Cut and Cap City water lines and provided Temp water service for abatement.
License: 8000558

2. Subcontractor Business Name and Address: Wolverine Fire Protection
8067 N. Dort Hwy., Mt. Morris, MI

Work to be performed: Cut/ Cap and make safe fire protection system for abatement.
License: 7114972

3. Subcontractor Business Name and Address: Conti Electrical
6417 Center Drive, Ste120, Sterling Heights. MI 48312

Work to be performed: Cut/ Cap and make safe electrical and provide Temp power.
License: 6108896

4. Subcontractor Business Name and Address: International Industrial Contracting Corp.
35900 Mound Rd, Sterling Heights, MI 48310

Work to be performed: Provide equipment and manpower to remove exterior wall panels.
License: N/A

5. Subcontractor Business Name and Address: Solid Platforms, Inc.
6610 Melton Rd., Portage IN 46368

Work to be performed: Provide equipment and manpower to erect and dismantle scaffold for abatement.
License: 801031445

6. Subcontractor Business Name and Address: Rapid Recovery

8932 W. Cactus, Peoria, AZ 85381

Work to be performed: Provide proper removal and disposal of CFC/ HCFC

License: EPA Certification 789535512760

7. Subcontractor Business Name and Address: Lagarda Security

11685 Mt. Elliot Street, Detroit, MI 48212

Work to be performed: Site Security

License: N/A

PART 3

LIST FIVE PREVIOUS PROJECTS OF A SIMILAR SCOPE AND NATURE

The Contractor shall submit a list of a minimum of five (5), previous ASBESTOS/ASBESTOS contamination abatement, demolition projects successfully completed within the last two years by the Bidder along with the Owner's name, address, and telephone number. Failure to submit this information shall be reason for rejection of the bid.

1. Owner: Commercial Liability Partners Phone: 314-858-0038 – Ron Froh

Contract Amount: \$15,600,000.00

Start Date/Completion Date: June 2015/March 2017

Arch. /Engr.: Richard Adamo Phone: 313-892-7330

Description of Work: Asbestos and Hazardous Waste Removal

2. Owner: General Motors – Barton Malow Phone: 248-866-8166 – Tyler Smith

Contract Amount: \$4,522,000.00

Start Date/Completion Date: November 2016/September 2018

Arch. /Engr.: General Motors Phone: _____

Description of Work: Asbestos/Lead Hazardous Waste Removal

3. Owner: Pontiac Silverdome Phone: 313-892-7330 - Richard Adamo

Contract Amount: \$340,000.00

Start Date/Completion Date: May 2017/August 2017

Arch. /Engr.: Richard Adamo Phone: 313-892-7330

Description of Work: Asbestos and Hazardous Waste Removal

4. Owner: Caterpillar Bldg BB Phone: 313-892-7330 – Richard Adamo

Contract Amount: \$925,600.00

Start Date/Completion Date: September 2016/June 2017

Arch. /Engr.: N/A Phone: _____

Description of Work: Environmental Abatement and Decommissioning

5. Owner: Grand Rapids GM Component Holdings Phone: 810-577-7654 – Tony McClain

Contract Amount: \$566,908.00

Start Date/Completion Date: June 2017/ Ongoing

Arch. /Engr.: General Motors Phone: _____

Description of Work: Asbestos and Hazardous Waste Removal

PART 4

Regulatory/Litigation Work Status

A statement shall be prepared to include:

- A record of any citations or violations issued by any regulatory agency or consultant concerning performance on abatement projects in the last five (5) years. For each such occurrence, briefly describe the circumstance, citing the project, businesses involved, and type of citation/violation, agency involved and resolution. None – Submitted with RFQ on October 11/2018.
- A list of all occasions in the last five (5) years in which the bidding firm has been issued a Stop Work Order due to negligence or non-compliance with ASBESTOS/ASBESTOS contamination abatement or related project Specifications. Briefly describe the circumstances and the outcome of each occurrence, including liquidated damages, overruns in scheduled time limitation and resolutions. None – Submitted with RFQ on October 11/2018.
- A description of all situations in the last five (5) years in which an ASBESTOS/ASBESTOS contamination-related contract has been terminated, specifying project, dates and reasons for termination. None – Submitted with RFQ on October 11/2018.
- A Listing of any ASBESTOS/ASBESTOS contamination-related litigation or arbitration in the last five (5) years in which the Bidder (or any of its' employees proposed for work on this project) has participated or is currently involved arising out of performance on an ASBESTOS/ASBESTOS contamination-related contract. Include descriptions of role, issue, and resolution to date including any liquidated damages assessed. None – Submitted with RFQ on October 11/2018.

IDENTIFY SUPERINTENDENTS AND FOREMEN SELECTED FOR THIS PROJECT

1. Superintendents: Bruce Rock

2. Foremen: Bobby Countryman Marshall Goforth Jason Womble

Bid Security in the form of a bid bond from a qualified surety (x), certified check (), or cashier's check (), (check one) accompanies this proposal in the amount of five (5) percent of the bid amount; to be brought to bidder interview. Bidder agrees that this bid shall be good and may not be withdrawn for a period of 120 calendar days after receipt of the bid. If a Notice to Proceed/Letter of Intent or a prepared agreement provided by the Owner and/or their Environmental Consultant is received by the bidder, the bidder will within fifteen (15) days of such receipt, acknowledge acceptance of the contract award and will execute and deliver the Agreement Form (Contract), the Performance Bond and Payment Bond from a qualified surety, if required, the Certificates of Insurance, and the site safety program as described in the Project Manual.

The Bid Security becomes the property of the Owner as liquidated damages for delay and additional expense in the event a contract agreement is not executed, performance and payment bonds, and/or certificates of insurance are not delivered within the time set forth above.

At date of bid, bidder's worker's compensation Experience Modification Rate (EMR) for the state in which the work is to be performed is .90. Bidder has attached to the bid proposal form the OSHA Form 200 / 200S indicating recordable incidence rates for the last calendar year per 200,000 man-hours for the following categories:

- 1) Total Cases - 0
- 2) Lost Workday Cases - 0
- 3) Non-fatal Cases Without Lost Workdays - 0
- 4) Employee Hours Worked Last Year – 62,062

Bidder understands that the Owner reserves the right to reject any or all bids and to waive any informalities or irregularities therein:

Yes, 10/23/2018

Bidder acknowledges receipt of the following addenda (identify number and date of each):

Addendum Received:	Number 1:	<u>9/26/18</u>
	Number 2:	<u>9/26/18</u>
	Number 3:	<u>9/28/18</u>
	Number 4:	<u>10/1/18</u>
	Number 5:	<u>10/9/18</u>
	Number 6:	<u>10/9/18</u>


If awarded a contract, bidder's surety will be International Fidelity Insurance Company.

The following documents must accompany the bid. Please indicate their inclusion by checking the boxes:

- Forms required ("DBA Forms")
- Bidder qualification forms required by Section 1.3, 2.1A
- Unit prices
- OSHA Form 200 – 200S
- Bid security (to be delivered by bidders invited to interview; at time of interview)

The undersigned agrees to the provisions of the Bidding and Contract documents and hereby affixes authorized signature(s) representing (check one):

An individual doing business as:
 A Limited Liability Corporation
 A partnership
 A corporation

Signature(s):  _____

Title: Vice President

Witness:  _____

Title: Project Manager

Name of firm: National Environmental Group LLC

Business address: 5048 Pilgrim Rd., Flint, MI 48507

Telephone no.: (810) 736-7911

Facsimile no.: (810) 736-0473

Email Address: tniles@negllc.us

END OF BID FOR

TABLE 1 – ACM/HAZ-MAT ABATEMENT – QUANTITY ESTIMATES

Site: 19 Steve Yzerman Drive, Detroit, Michigan 48226

Survey Date(s): 3/27/2018 to 6/26/18

Material Description	Material Location	F/NF ¹	EPA NESHAP Category ^{1,2}	OSHA Class Designation ³	Estimated Quantity	Amount to be Removed by Scrapper or Demo Contractor	Amount Remaining – to be Removed and Disposed by Abatement Contractor
Brown 12" x 12" Marble and Mortar Bed	Not Sampled 3 rd Floor Suites	NF	Cat II NF	Class II	~154 SF	0	154 SF
Brown 18" x 18" Marble and Mortar Bed	Not Sampled 3 rd Floor Suites	NF	Cat II NF	Class II	~196 SF	0	196 SF
Boiler Flat Gasket Material	Boiler Room	NF	Cat II NF	Class II	7 SF	7 SF	0
Heat Converter Tank Insulation	Boiler Room	F	RACM	Class I	50 SF	50 SF	0
Fire Door's	Not Sampled - Assumed Positive ⁷⁴	NF			30	0	30
Adhesive Behind Mirrors	Not Sampled - Assumed Positive	NF	Cat II NF	Class II	350 SF	0	350 SF
Counter Top Glue Pod's	Not Sampled - Assumed Positive 4 th Floor Suite Level	NF	Cat II NF	Class II	315 SF	0	315 SF
Black Sink Undercoating	A - Suite 73 B - Suite 13 C - Suite 27	NF	Cat II NF	Class II	5 sinks ~10 SF	0	10 SF
Layer 1 - Red Fire Stop Layer 2 - Insulation (White) on 4 th Floor Ceiling/Drywall as a Patch Layer 3 - Drywall 3 rd and 4 th Floor Drywall Ceilings Exterior Perimeter Wall Insulation Samples A-C, Material One - Perlite And Material Two - Paper Baffle; Samples D-F, Material Three - Fireproofing Material	A - 4 th FL Ceiling Near AHU 6, B and C - 1 st FL Boiler Rm D-F - 3 rd FL Suite 75 and 76	Layer 1 - NF, Layer 2 - F Layer 3 - F	NA/ RACM/ NA	NA/ Class I/ NA	167,000 SF ⁵ (includes blue ceiling on 4 th floor)	0	167,000 SF
Roof Flashing	A-C - 2nd FL South Entrance, ¹¹ D-F - 5 th FL North Elevator Lobby	NF	Cat II NF	Class II	206,000 SF (surface area quantity of whole panels) (includes 2 nd layer on East end and Pedestrian Bridge	0	206,000
	Roof	NF	Cat II NF	Class II	4,500 SF	4,500 SF	0

1 F = Friable ; NF = Non-friable
2 NESHAP Category - Regulated ACM (RACM), Cat I NF=Category I Non-Friable ACM, Cat II NF= Category II Non-Friable ACM; NA = Not Applicable
3 OSHA/EPA Class Definitions:
Class I asbestos work means activities involving the removal of ACM which is not thermal system insulation or surfacing material. This includes, but is not limited to, the removal of asbestos-containing wallboard, floor tile and sheeting, roofing and siding shingles, and construction materials.
Class II asbestos work means repair and maintenance operations, where "ACM", including TSI and surfacing ACM and PACM, is likely to be disturbed.
Class III asbestos work means maintenance and custodial activities during which employees contact but do not disturb ACM or PACM and activities to clean up dust, waste and debris resulting from Class I, II, and III activities.
Class IV Tagged Standard Size Fire Doors were only found in certain areas; a majority of the doors throughout the arena were not tagged.
4 Based on a decision made by the Environmental Affairs, the entire 4th Floor ceiling/ 5th Floor deck and 3rd Floor ceiling is assumed to contain asbestos; the quantity reflects this assumption
5

Table 2: Suspected HAZMATs Quantity Estimates

Address: 19 Steve Yzerman Drive, Detroit, Michigan 48226- Total Quantities					
Inspection Item	Constituent of Concern	Size/Quantity	Notes:	Amount to be Removed by Scrapper or Demolition Contractor	Amount Remaining – to be Removed and Disposed by Abatement Contractor
Elevator Hoists	PCB containing Hydraulic Fluid	5	Includes four elevators and the Scoreboard Hoist	5	0
Air Conditioners	CFC / HCFC	12	Includes 10 HVAC Units in the Catwalk areas, the boiler room chiller unit for the ice surface and various cooling units throughout	0	12
Batteries	Lead	112	As Emergency Lights (throughout) and Battery Backups to the Hoist System on 5 th Floor	112	0
Exit Signs	Mercury / H-3	117	Throughout	0	117
Transformers	Lead	20	Throughout	20	0
Stove Hoods Fire Extinguishing Systems	potassium carbonate, potassium acetate-based, wet chemical	2	In Kitchen Areas of the 1 st Floor and 4 th Floor	2	0
Light Ballasts	PCB	1350	Includes ballasts associated with Florescent Lights and a 50 Gallon Barrel in the 1 st Floor Transformer room filled with ballasts	0	1350
Miscellaneous Items (Glue, Solvents, Cleaners, etc.)	Varied	50	CO ₂ Tanks in Large Refrigerated Room West of South Ice Surface Entrance	0	50
Paint Cans	Lead/Asbestos	15	5 Gallon Cans of Roof Sealant; paint storage room locked and inaccessible	0	15
Refrigerators	CFC / HCFC	32	Includes refrigerators and ice machines and drinking fountains	0	32
Roof Vents	Lead	11	Approximately 2 SF per vent cover of elemental lead sheeting	0	11
Florescent Bulbs	Mercury	2500	Throughout	0	2500
Spot Lights	Halogen, Metal Halide	250	Concourse, Catwalk Level, Exterior	0	250
Coolant Tanks	CFC/HCFC	10	Boiler Room	0	10