

BID OF \_\_\_\_\_

**2016**

**PROPOSAL, CONTRACT, BOND AND SPECIFICATIONS**

**FOR**

**MADISON MUNICIPAL BUILDING HAZARDOUS MATERIAL REMOVAL**

**CONTRACT NO. 7750**

**MUNIS NO. 10129-401-140**

**IN**

**MADISON, DANE COUNTY, WISCONSIN**

AWARDED BY THE COMMON COUNCIL  
MADISON, WISCONSIN ON \_\_\_\_\_

CITY ENGINEERING DIVISION  
1600 EMIL STREET  
MADISON, WISCONSIN 53713

<https://bidexpress.com/login>

**MADISON MUNICIPAL BUILDING HAZARDOUS MATERIAL REMOVAL  
CONTRACT NO. 7750**

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This Proposal, and Agreement have  
been prepared by:

**CITY ENGINEERING DIVISION  
CITY OF MADISON  
MADISON, DANE COUNTY, WISCONSIN**



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Robert F. Phillips, P.E., City Engineer

RFP:ms

**SECTION A: ADVERTISEMENT FOR BIDS AND INSTRUCTIONS TO BIDDERS**

**REQUEST FOR BID FOR PUBLIC WORKS CONSTRUCTION  
CITY OF MADISON, WISCONSIN**

**A BEST VALUE CONTRACTING MUNICIPALITY**

PROJECT NAME:	MADISON MUNICIPAL BUILDING HAZARDOUS MATERIAL REMOVAL
CONTRACT NO.:	7750
SBE GOAL	3%
BID BOND	5%
PRE-BID ON-SITE WALKTHROUGH (10:00 A.M.)	AUGUST 8, 2016
PRE BID MEETING (1:00 P.M.) (SBE)	AUGUST 19, 2016
PREQUALIFICATION APPLICATION DUE (1:00 P.M)	AUGUST 19, 2016
BID SUBMISSION (1:00 P.M.)	AUGUST 26, 2016
BID OPEN (1:30 P.M.)	AUGUST 26, 2016
PUBLISHED IN WSJ	JULY 29 & AUGUST 5, 12 & 19 2016

PRE-BID CONFERENCE: A pre-bid conference will be conducted at Madison Municipal Building, located at 215 Martin Luther King Jr. Blvd. at 10:00 a.m., Monday, August 8, 2016. There is limited street parking. The Government East Parking Ramp is across the street from the project site.

This will be the only opportunity for bidding contractors to walk through the site. An alternate date may be selected in the event of inclement weather as determined solely at the discretion of the City Project Manager.

A representative from A&A Environmental, Inc will be on hand to conduct a building walk through, discuss the plans, specifications and expectations of the contract. The City Project Manager will also be on hand to answer general contract questions.

**Questions and clarifications:** Any questions or requests for clarifications regarding plans and specifications shall be submitted directly to the City's asbestos consultant A&A Environmental, Inc and copy City of Madison Construction Manager Mike Schuchardt. See the contract contact information at the end of Section D-Special Provisions. All questions shall be sent via email, reference Madison Municipal Building Asbestos Removal in the subject line.

The deadline for receiving questions and clarifications shall be 12:00pm (noon) on Friday August 19, 2016. No additional questions or requests for clarifications will be received after this deadline.

If needed the City of Madison and A&A Environmental shall publish one (1) all inclusive addendum no later than 12:00pm on Wednesday, August 24, 2016 to respond to any questions or clarifications.

PRE-BID ON-SITE WALKTHROUGH: Representatives from City of Madison and the Cities' authorized Asbestos Inspector A&A Environmental, Inc will walk the project site with potential bidders.

PRE BID MEETING: Representatives of the Affirmative Action Department will be present to discuss the Small Business Enterprise requirements at 1600 Emil Street, Madison Wisconsin.

PREQUALIFICATION APPLICATION: Forms are available on our website, [www.cityofmadison.com/business/pw/forms.cfm](http://www.cityofmadison.com/business/pw/forms.cfm). If not currently prequalified in the categories listed in Section A, an amendment to your Prequalification will need to be submitted prior to the same due date. Postmark is not applicable.

**BIDS TO BE SUBMITTED** by hand to 1600 EMIL ST., MADISON, WI 53713 or online at [www.bidexpress.com](http://www.bidexpress.com).

THE BID OPENING is at 1600 EMIL ST., MADISON, WI 53713.

### STANDARD SPECIFICATIONS

The City of Madison's Standard Specifications for Public Works Construction - 2016 Edition, as supplemented and amended from time to time, forms a part of these contract documents as if attached hereto.

These standard specifications are available on the City of Madison Public Works website, [www.cityofmadison.com/Business/PW/specs.cfm](http://www.cityofmadison.com/Business/PW/specs.cfm).

The Contractor shall review these Specifications prior to preparation of proposals for the work to be done under this contract, with specific attention to Article 102, "BIDDING REQUIREMENTS AND CONDITIONS" and Article 103, "AWARD AND EXECUTION OF THE CONTRACT." For the convenience of the bidder, below are highlights of three subsections of the specifications.

#### SECTION 102.1: PRE-QUALIFICATION OF BIDDERS

In accordance with Wisconsin State Statutes 66.0901 (2) and (3), all bidders must submit to the Board of Public Works proof of responsibility on forms furnished by the City. The City requires that all bidders be qualified on a biennial basis.

Bidders must present satisfactory evidence that they have been regularly engaged in the type of work specified herein and they are fully prepared with necessary capital, materials, machinery and supervisory personnel to conduct the work to be contracted for to the satisfaction of the City. All bidders must be pre-qualified by the Board of Public Works for the type of construction on which they are bidding prior to the opening of the bid.

In accordance with Section 39.02(9)(a)l. of the General Ordinances, all bidders shall submit in writing to the Affirmative Action Division Manager of the City of Madison, a Certificate of Compliance or an Affirmative Action Plan at the same time or prior to the submission of the proof of responsibility forms.

The bidder shall be disqualified if the bidder fails to or refuses to, prior to opening of the bid, submit a Certificate of compliance, Affirmative Action Plan or Affirmative Action Data Update, as applicable, as defined by Section 39.02 of the General Ordinances (entitled Affirmative Action) and as required by Section 102.11 of the Standard Specifications.

#### SECTION 102.4 PROPOSAL

No bid will be accepted that does not contain an adequate or reasonable price for each and every item named in the Schedule of Unit Prices.

A lump sum bid for the work in accordance with the plans and specifications is required. The lump sum bid must be the same as the total amounts bid for the various items and it shall be inserted in the space provided.

All papers bound with or attached to the proposal form are considered a part thereof and must not be detached or altered when the proposal is submitted. The plans, specifications and other documents designated in the proposal form will be considered a part of the proposal whether attached or not.

A proposal submitted by an individual shall be signed by the bidder or by a duly authorized agent. A proposal submitted by a partnership shall be signed by a member/partner or by a duly authorized agent thereof. A proposal submitted by a corporation shall be signed by an authorized officer or duly authorized registered agent of such corporation, and the proposal shall show the name of the State under the laws of which such corporation was chartered. The required signatures shall in all cases appear in the space provided thereof on the proposal.

Each proposal shall be placed, together with the proposal guaranty, in a sealed envelope, so marked as to indicate name of project, the contract number or option to which it applies, and the name and address of the Contractor or submitted electronically through Bid Express ([www.bidexpress.com](http://www.bidexpress.com)). Proposals will be accepted at the location, the time and the date designated in the advertisement. Proposals received after the time and date designated will be returned to the bidder unopened.

The Bidder shall execute the Disclosure of Ownership form. REFER TO SECTION F.

#### SECTION 102.5: BID DEPOSIT (PROPOSAL GUARANTY)

All bids, sealed or electronic, must be accompanied with a Bid Bond equal to at least 5% of the bid or a Certificate of Annual/Biennial Bid Bond or certified check, payable to the City Treasurer. Bid deposit of the successful bidders shall be returned within forty-eight (48) hours following execution of the contract and bond as required.

#### PREVAILING WAGE RATES

Prevailing Wage Rates may be required and are attached in Section J of the contract. See Special Provisions to determine applicability.

#### MINOR DISCREPENCIES

Bidder is responsible for submitting all forms necessary for the City to determine compliance with State and City bidding requirements. Notwithstanding any language to the contrary contained herein, the City may exercise its discretion to allow bidders to correct or supplement submissions after bid opening, if the minor discrepancy, bid irregularity or omission is insignificant and not one related to price, quality, quantity, time of completion or performance of the contract.

**Bidders for this Contract(s) must be Pre-Qualified for at least one of the following type(s) of construction denoted by an**

Building Demolition

- 101  Asbestos Removal
- 120  House Mover

- 110  Building Demolition

Street, Utility and Site Construction

- 201  Asphalt Paving
- 205  Blasting
- 210  Boring/Pipe Jacking
- 215  Concrete Paving
- 220  Con. Sidewalk/Curb & Gutter/Misc. Flat Work
- 221  Concrete Bases and Other Concrete Work
- 222  Concrete Removal
- 225  Dredging
- 230  Fencing
- 235  Fiber Optic Cable/Conduit Installation
- 240  Grading and Earthwork
- 241  Horizontal Saw Cutting of Sidewalk
- 242  Infrared Seamless Patching
- 245  Landscaping, Maintenance
- 250  Landscaping, Site and Street
- 251  Parking Ramp Maintenance
- 252  Pavement Marking
- 255  Pavement Sealcoating and Crack Sealing
- 260  Petroleum Above/Below Ground Storage Tank Removal/Installation
- 262  Playground Installer
- 265  Retaining Walls, Precast Modular Units

- 270  Retaining Walls, Reinforced Concrete
- 275  Sanitary, Storm Sewer and Water Main Construction
- 276  Sawcutting
- 280  Sewer Lateral Drain Cleaning/Internal TV Insp.
- 285  Sewer Lining
- 290  Sewer Pipe Bursting
- 295  Soil Borings
- 300  Soil Nailing
- 305  Storm & Sanitary Sewer Laterals & Water Svc.
- 310  Street Construction
- 315  Street Lighting
- 318  Tennis Court Resurfacing
- 320  Traffic Signals
- 325  Traffic Signing & Marking
- 332  Tree pruning/removal
- 333  Tree, pesticide treatment of
- 335  Trucking
- 340  Utility Transmission Lines including Natural Gas, Electrical & Communications
- 399  Other \_\_\_\_\_

Bridge Construction

- 501  Bridge Construction and/or Repair

Building Construction

- 401  Floor Covering (including carpet, ceramic tile installation, rubber, VCT)
- 402  Building Automation Systems
- 403  Concrete
- 404  Doors and Windows
- 405  Electrical - Power, Lighting & Communications
- 410  Elevator - Lifts
- 412  Fire Suppression
- 413  Furnishings - Furniture and Window Treatments
- 415  General Building Construction, Equal or Less than \$250,000
- 420  General Building Construction, \$250,000 to \$1,500,000
- 425  General Building Construction, Over \$1,500,000
- 428  Glass and/or Glazing
- 429  Hazardous Material Removal
- 430  Heating, Ventilating and Air Conditioning (HVAC)
- 433  Insulation - Thermal
- 435  Masonry/Tuck pointing

- 437  Metals
- 440  Painting and Wallcovering
- 445  Plumbing
- 450  Pump Repair
- 455  Pump Systems
- 460  Roofing and Moisture Protection
- 464  Tower Crane Operator
- 461  Solar Photovoltaic/Hot Water Systems
- 465  Soil/Groundwater Remediation
- 466  Warning Sirens
- 470  Water Supply Elevated Tanks
- 475  Water Supply Wells
- 480  Wood, Plastics & Composites - Structural & Architectural
- 499  Other \_\_\_\_\_

State of Wisconsin Certifications

- 1  Class 5 Blaster - Blasting Operations and Activities 2500 feet and closer to inhabited buildings for quarries, open pits and road cuts.
- 2  Class 6 Blaster - Blasting Operations and Activities 2500 feet and closer to inhabited buildings for trenches, site excavations, basements, underwater demolition, underground excavations, or structures 15 feet or less in height.
- 3  Class 7 Blaster - Blasting Operations and Activities for structures greater than 15 ' in height, bridges, towers, and any of the objects or purposes listed as "Class 5 Blaster or Class 6 Blaster".
- 4  Petroleum Above/Below Ground Storage Tank Removal and Installation (Attach copies of State Certifications.)
- 5  Hazardous Material Removal (Contractor to be certified for asbestos and lead abatement per the Wisconsin Department of Health Services, Asbestos and Lead Section (A&LS).) See the following link for application: [www.dhs.wisconsin.gov/Asbestos/Cert](http://www.dhs.wisconsin.gov/Asbestos/Cert). State of Wisconsin Performance of Asbestos Abatement Certificate must be attached.
- 6  Certification number as a Certified Arborist or Certified Tree Worker as administered by the International Society of Arboriculture
- 7  Pesticide application (Certification for Commercial Applicator For Hire with the certification in the category of turf and landscape (3.0) and possess a current license issued by the DATCP)
- 8  State of Wisconsin Master Plumbers License.

## SECTION B: PROPOSAL

Please refer to the  
Bid Express Website  
at <https://bidexpress.com>  
look up contract number  
and go to  
Section B: Proposal Page

You can access all City of Madison bid solicitations for FREE at [www.bidexpress.com](http://www.bidexpress.com)

Click on the "Register for Free" button and follow the instructions to register your company and yourself. You will be asked for a payment subscription preference, since you may wish to bid online someday. Simply choose the method to pay on a 'per bid' basis. This requires no payment until / unless you actually bid online. You can also choose the monthly subscription plan at this time. You will, however, be asked to provide payment information. Remember, you can change your preference at anytime. You will then be able to complete your free registration and have full access to the site. Your free access does not require completion of the 'Digital ID' process, so you will have instant access for viewing and downloading. To be prepared in case you ever do wish to bid online, you may wish to establish your digital ID also, since you cannot bid without a Digital ID.

If you have any problems with the free registration process, you can call the bidexpress help team, toll free at 1-888-352-2439 (option 1, option1).

## **SECTION C: SMALL BUSINESS ENTERPRISE**

### **Instructions to Bidders City of Madison SBE Program Information**

#### **2 Small Business Enterprise (SBE) Program Information**

##### **2.1 Policy and Goal**

The City of Madison reaffirms its policy of nondiscrimination in the conduct of City business by maintaining a procurement process which remains open to all who have the potential and ability to sell goods and services to the City. It is the policy of the City of Madison to allow Small Business Enterprises (SBE) maximum feasible opportunity to participate in City of Madison contracting. The bidder acknowledges that its bid has been submitted in accordance with the SBE program and is for the public's protection and welfare.

Please refer to the "ADVERTISEMENT FOR BIDS" for the goal for the utilization of SBEs on this project. SBEs may participate as subcontractors, vendors and/or suppliers, which provide a commercially useful function. The dollar value for SBE suppliers or 'materials only' vendors shall be discounted to 60% for purposes of meeting SBE goals.

A bidder which achieves or exceeds the SBE goal will be in compliance with the SBE requirements of this project. In the event that the bidder is unable to achieve the SBE goal, the bidder must demonstrate that a good faith effort to do so was made. Failure to either achieve the goal or demonstrate a good faith effort to do so will be grounds for the bidder being deemed a non-responsible contractor ineligible for award of this contract.

A bidder may count towards its attainment of the SBE goal only those expenditures to SBEs that perform a commercially useful function. For purposes of evaluating a bidder's responsiveness to the attainment of the SBE goal, the contract participation by an SBE is based on the percentage of the total base bid proposed by the Contractor. The total base bid price is inclusive of all addenda.

Work performed by an SBE firm in a particular transaction can be counted toward the goal only if it involves a commercially useful function. That is, in light of industry practices and other relevant considerations, does the SBE firm have a necessary and useful role in the transaction, of a kind for which there is a market outside the context of the SBE Program, or is the firm's role a superfluous step added in an attempt to obtain credit towards goals? If, in the judgment of the Affirmative Action Division, the SBE firm will not perform a commercially useful function in the transaction, no credit towards goals will be awarded.

The question of whether a firm is performing a commercially useful function is completely separate from the question of whether the firm is an eligible SBE. A firm is eligible if it meets the definitional criteria and ownership and control requirements, as set forth in the City of Madison's SBE Program.

If the City of Madison determines that the SBE firm is performing a commercially useful function, then the City of Madison must then decide what that function is. If the commercially useful function is that of an SBE vendor / supplier that regularly transacts business with the respective product, then the City of Madison will count 60% of the value of the product supplied toward SBE goals.



To be counted, the SBE vendor / supplier must be engaged in selling the product in question to the public. This is important in distinguishing an SBE vendor / supplier, which has a regular trade with a variety of customers, from a firm which performs supplier-like functions on an ad hoc basis or for only one or two contractors with whom it has a special relationship.

A supplier of bulk goods may qualify as an eligible SBE vendor / supplier if it either maintains an inventory or owns or operates distribution equipment. With respect to the distribution equipment; e.g., a fleet of trucks, the term "operates" is intended to cover a situation in which the supplier leases the equipment on a regular basis for its entire business. It is not intended to cover a situation in which the firm simply provides drivers for trucks owned or leased by another party; e.g., a prime contractor, or leases such a party's trucks on an ad hoc basis for a specific job.

If the commercially useful function being performed is not that of a qualified SBE vendor / supplier, but rather that of delivery of products, obtaining bonding or insurance, procurement of personnel, acting as a broker or manufacturer's representative in the procurement of supplies, facilities, or materials, etc., only the fees or commissions will apply towards the goal.

For example, a business that simply transfers title of a product from manufacturer to ultimate purchaser; e. g., a sales representative who re-invoices a steel product from the steel company to the Contractor, or a firm that puts a product into a container for delivery would not be considered a qualified SBE vendor / supplier. The Contractor would not receive credit based on a percentage of the cost of the product for working with such firms.

Concerning the use of services that help the Contractor obtain needed supplies, personnel, materials or equipment to perform a contract: only the fee received by the service provider will be counted toward the goal. For example, use of a SBE sales representative or distributor for a steel company, if performing a commercially useful function at all, would entitle the Contractor receiving the steel to count only the fee paid to the representative or distributor toward the goal. This provision would also govern fees for professional and other services obtained expressly and solely to perform work relating to a specific contract.

Concerning transportation or delivery services: if an SBE trucking company picks up a product from a manufacturer or a qualified vendor / supplier and delivers the product to the Contractor, the commercially useful function it is performing is not that of a supplier, but simply that of a transporter of goods. Unless the trucking company is itself the manufacturer or a qualified vendor / supplier in the product, credit cannot be given based on a percentage of the cost of the product. Rather, credit would be allowed for the cost of the transportation service.

The City is aware that the rule's language does not explicitly mention every kind of business that may contribute work on this project. In administering these programs, the City would, on a case-by-case basis, determine the appropriate counting formula to apply in a particular situation.

## **2.2 Contract Compliance**

Questions concerning the SBE Program shall be directed to the Contract Compliance Officer of the City of Madison Department of Civil Rights, Affirmative Action Division, 210 Martin Luther King, Jr. Blvd., Room 523, Madison, WI 53703; telephone (608) 266-4910.

## 2.3 Certification of SBE by City of Madison

The Affirmative Action Division maintains a directory of SBEs which are currently certified as such by the City of Madison. Contact the Contract Compliance Officer as indicated in Section 2.2 to receive a copy of the SBE Directory or you may access the SBE Directory online at [www.cityofmadison.com/dcr/aaTBDir.cfm](http://www.cityofmadison.com/dcr/aaTBDir.cfm).

All contractors, subcontractors, vendors and suppliers seeking SBE status must complete and submit the **Targeted Business Certification Application** to the City of Madison Affirmative Action Division by the time and date established for receipt of bids. A copy of the Targeted Business Certification Application is available by contacting the Contract Compliance Officer at the address and telephone indicated in Section 2.2 or you may access the Targeted Business Certification Application online at [www.cityofmadison.com/dcr/aaTBDir.cfm](http://www.cityofmadison.com/dcr/aaTBDir.cfm). Submittal of the Targeted Business Certification Application by the time specified does not guarantee that the applicant will be certified as a SBE eligible to be utilized towards meeting the SBE goal for this project.

## 2.4 Small Business Enterprise Compliance Report

### 2.4.1 Good Faith Efforts

Bidders shall take all necessary affirmative steps to assure that SBEs are utilized when possible and that the established SBE goal for this project is achieved. A contractor who self performs a portion of the work, and is pre-qualified to perform that category of work, may subcontract that portion of the work, but shall not be required to do so. When a bidder is unable to achieve the established SBE goal, the bidder must demonstrate that a good faith effort to do so was made. Such a good faith effort should include the following:

- 2.4.1.1 Attendance at the pre-bid meeting.
- 2.4.1.2 Using the City of Madison's directory of certified SBEs to identify SBEs from which to solicit bids.
- 2.4.1.3 Assuring that SBEs are solicited whenever they are potential sources.
- 2.4.1.4 Referring prospective SBEs to the City of Madison Affirmative Action Division for certification.
- 2.4.1.5 Dividing total project requirements into smaller tasks and/or quantities, where economically feasible, to permit maximum feasible SBE participation.
- 2.4.1.6 Establishing delivery schedules, where requirements permit, which will encourage participation by SBEs.
- 2.4.1.7 Providing SBEs with specific information regarding the work to be performed.
- 2.4.1.8 Contacting SBEs in advance of the deadline to allow such businesses sufficient time to prepare a bid.
- 2.4.1.9 Utilizing the bid of a qualified and competent SBE when the bid of such a business is deemed reasonable (i.e. 5% above the lowest bidder), although not necessarily low.
- 2.4.1.10 Contacting SBEs which submit a bid, to inquire about the details of the bid and confirm that the scope of the work was interpreted as intended.
- 2.4.1.11 Completion of Cover Page (page C-6), Summary Sheet (page C-7) and SBE Contact Reports (pages C-8 and C9) if applicable.

## 2.4.2 Reporting SBE Utilization and Good Faith Efforts

The Small Business Enterprise Compliance Report is to be submitted by the bidder with the bid: This report is due by the specified bid closing time and date. Bids submitted without a completed SBE Compliance Report as outlined below may be deemed non-responsible and the bidder ineligible for award of this contract. Notwithstanding any language to the contrary contained herein, the City may exercise its discretion to allow bidders to correct or supplement submissions after bid opening, if the minor discrepancy, bid irregularity or omission is insignificant and not one related to price, quality, quantity, time of completion, performance of the contract, or percentage of SBE utilization.

2.4.2.1 If the Bidder meets or exceeds the goal established for SBE utilization, the Small Business Enterprise Compliance Report shall consist of the following:

2.4.2.1.1 **Cover Page**, Page C-6; and

2.4.2.1.2 **Summary Sheet**, C-7.

2.4.2.2 If the bidder does not meet the goal established for SBE utilization, the Small Business Enterprise Compliance Report shall consist of the following:

2.4.2.2.1 **Cover Page**, Page C-6;

2.4.2.2.2 **Summary Sheet**, C-7; and

2.4.2.2.3 **SBE Contact Report**, C-8 and C-9. (A separate Contact Report must be completed for each applicable SBE which is not utilized.)

## 2.5 Appeal Procedure

A bidder which does not achieve the established goal and is found non-responsible for failure to demonstrate a good faith effort to achieve such goal and subsequently denied eligibility for award of contract may appeal that decision to the Small Business Enterprises Appeals Committee. All appeals shall be made in writing, and shall be delivered to and received by the City Engineer no later than 4:30 PM on the third business day following the bidder's receipt of the written notification of ineligibility by the Affirmative Action Division Manager. Postmark not acceptable. The notice of appeal shall state the basis for the appeal of the decision of the Affirmative Action Division Manager. The Appeal shall take place in accordance with Madison General Ordinance 33.54.

## 2.6 SBE Requirements After Award of the Contract

The successful bidder shall identify SBE subcontractors, suppliers and vendors on the subcontractor list in accordance with the specifications. The Contractor shall submit a detailed explanation of any variances between the listing of SBE subcontractors, vendors and/or suppliers on the subcontractor list and the Contractor's SBE Compliance Report for SBE participation.

No change in SBE subcontractors, vendors and/or suppliers from those SBEs indicated in the SBE Compliance Report will be allowed without prior approval from the Engineer and the Affirmative Action Division. The contractor shall submit in writing to the City of Madison Affirmative Action Division a request to change any SBE citing specific reasons which necessitate such a change. The Affirmative Action Division will use a general test of reasonableness in approving or rejecting the contractor's request for change. If the request is approved, the Contractor will make every effort to utilize another SBE if available.

The City will monitor the project to ensure that the actual percentage commitment to SBE firms is carried out.

## **2.7 SBE Definition and Eligibility Guidelines**

A Small Business Enterprise is a business concern awarded certification by the City of Madison. For the purposes of this program a Small Business Enterprise is defined as:

- A. An independent business operated under a single management. The business may not be a subsidiary of any other business and the stock or ownership may not be held by any individual or any business operating in the same or a similar field. In determining whether an entity qualifies as a SBE, the City shall consider all factors relevant to being an independent business including, but not limited to, the date the business was established, adequacy of its resources for the work in which it proposes to involve itself, the degree to which financial, equipment leasing and other relationships exist with other ineligible firms in the same or similar lines of work. SBE owner(s) shall enjoy the customary incidents of ownership and shall share in the risks and profits commensurate with their enjoyment interests, as demonstrated by an examination of the substance rather than form or arrangements that may be reflected in its ownership documents.
- B. A business that has averaged no more than \$4.0 million in annual gross receipts over the prior three year period and the principal owner(s) do not have a personal net worth in excess of \$1.32 million.

Firm and/or individuals that submit fraudulent documents/testimony may be barred from doing business with the City and/or forfeit existing contracts.

SBE certification is valid for one (1) year unless revoked.

**MADISON MUNICIPAL BUILDING HAZARDOUS MATERIAL REMOVAL  
CONTRACT NO. 7750**

**Small Business Enterprise Compliance Report**

**This information may be submitted electronically through  
Bid Express or submitted with bid in sealed envelope.**

**Cover Sheet**

Prime Bidder Information

Company: \_\_\_\_\_

Address: \_\_\_\_\_

Telephone Number: \_\_\_\_\_ Fax Number: \_\_\_\_\_

Contact Person/Title: \_\_\_\_\_

Prime Bidder Certification

I, \_\_\_\_\_, \_\_\_\_\_ of  
Name Title  
\_\_\_\_\_ certify that the information  
Company

contained in this SBE Compliance Report is true and correct to the best of my knowledge and belief.

\_\_\_\_\_  
Witness' Signature

\_\_\_\_\_  
Bidder's Signature

\_\_\_\_\_  
Date



**MADISON MUNICIPAL BUILDING HAZARDOUS MATERIAL REMOVAL  
CONTRACT NO. 7750**

**Small Business Enterprise Compliance Report**

**SBE Contact Report**

Submit separate copy of this form for each SBE which you are not able to utilize towards meeting the SBE goal for this project. Attach separate sheets if necessary.

SBE Information

Company: \_\_\_\_\_

Address: \_\_\_\_\_

Telephone Number: \_\_\_\_\_

Contact Person/Title: \_\_\_\_\_

1. Outline below all efforts to solicit a bid from the above SBE. Include date, means of contact, who from your company made this contact and the result.

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

2. Describe the information provided to the aforementioned SBE regarding the scope of work for which he/she was to provide a bid.

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Is this the same scope of work on which the subcontractor you intend to utilize based his/her bid?

Yes     No

3. Did this SBE submit a bid?     Yes     No

4. Is the General Contractor pre-qualified to self-perform this category of work?

Yes     No

5. If you responded "Yes" to Question 3, please check the items below which apply and provide the requested detail. If you responded "No" to Question 3, please skip ahead to item 6 below.

The SBE listed above is unavailable for work on this project for the following reasons. Provide specific detail for this conclusion.

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The SBE listed above is unqualified for work on this project. Provide specific details for this conclusion.

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The SBE listed above provided a price that was unreasonable (i.e. more than 5% above the lowest bidder). Provide specific detail for this conclusion including the SBE's price and the price of the subcontractor you intend to utilize.

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A contract with the SBE listed above may constitute a breach of the bidder's collective bargaining agreements. Provide specific detail for this conclusion including, but not limited to, correspondence from the SBE indicating it will not sign a project labor agreement and/or correspondence from the applicable trade union indicating a project labor agreement will not be allowed at the time of project bidding.

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Other; please specify reason(s) other than listed above which made it impossible for you to utilize this SBE on this project.

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6. Describe any other good faith efforts:

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## SECTION D: SPECIAL PROVISIONS

### MADISON MUNICIPAL BUILDING HAZARDOUS MATERIAL REMOVAL CONTRACT NO. 7750

It is the intent of these Special Provisions to set forth the final contractual intent as to the matter involved and shall prevail over the Standard Specifications and plans whenever in conflict therewith. In order that comparisons between the Special Provisions can be readily made, the numbering system for the Special Provisions is equivalent to that of the Specifications.

Whenever in these Specifications the term "Standard Specifications" appears, it shall be taken to refer to the City of Madison Standard Specifications for Public Works Construction and Supplements thereto.

#### **SECTION 102.9 BIDDER'S UNDERSTANDING**

Tax Exempt Status: Effective with all contracts executed after January 1, 2016, the sales price from the sale, storage, use or other consumption of tangible personal property that is used in conjunction with a public works improvement for a tax exempt entity (including the City of Madison), is exempt from State sales tax. Said property must become a component of the project owned by the tax exempt entity and includes: any building; shelter; parking lot; parking garage; athletic field; storm sewer; water supply system; or sewerage and waste water treatment facility, but does not include a highway, street or road.

The contractor shall ensure that the exemption for sales and use tax available under Wis. Stat. Sec. 77.54(9m) applies where available. The contractor shall provide all necessary documentation as required by the State of Wisconsin and the City of Madison to comply with this exemption.

#### **SECTION 102.10 PREVAILING WAGE**

For this project, payment of prevailing wages (white sheet) shall be required unless the box indicating prevailing wages are not required is checked below.

Prevailing wages shall not be required when this box is checked.

If prevailing wages (white sheets) are required, the wages and benefits paid on the contract shall not be less than those specified in the Prevailing Wage Determination included with these contract documents for the following types of work:

- Building or Heavy Construction
- Sewer, Water, or Tunnel Construction
- Local Street or Miscellaneous Paving Construction
- Residential or Agricultural Construction

When multiple boxes are checked, worker's wages may vary according to the type and area of work performed. It is the responsibility of the Contractor to determine and apply the appropriate wage rate for the specific work assigned.

#### **SECTION 102.12 BEST VALUE CONTRACTING**

This Contract shall be considered a Best Value Contract if the Contractor's bid is equal to or greater than \$56,500 for a single trade contract; or equal to or greater than \$277,000 for a multi-trade contract pursuant to MGO 33.07(7).

#### **SECTION 102.14 BAN THE BOX – ARREST AND CRIMINAL BACKGROUND CHECKS (SEC. 39.08, MGO)**

This provision applies to all prime contractors on contracts entered into on or after January 1, 2016, and all subcontractors who are required to meet prequalification requirements under MGO 33.07(7)(I), MGO

as of the first time they seek or renew pre-qualification status on or after January 1, 2016. The City will monitor compliance of subcontractors through the pre-qualification process.

- A. Definitions.** For purposes of this section, "Arrest and Conviction Record" includes, but is not limited to, information indicating that a person has been questioned, apprehended, taken into custody or detention, held for investigation, arrested, charged with, indicted or tried for any felony, misdemeanor or other offense pursuant to any law enforcement or military authority.

"Conviction record" includes, but is not limited to, information indicating that a person has been convicted of a felony, misdemeanor or other offense, placed on probation, fined, imprisoned or paroled pursuant to any law enforcement or military authority.

"Background Check" means the process of checking an applicant's arrest and conviction record, through any means.

- B. Requirements.** For the duration of this Contract, the Contractor shall:

1. Remove from all job application forms any questions, check boxes, or other inquiries regarding an applicant's arrest and conviction record, as defined herein.
2. Refrain from asking an applicant in any manner about their arrest or conviction record until after conditional offer of employment is made to the applicant in question.
3. Refrain from conducting a formal or informal background check or making any other inquiry using any privately or publicly available means of obtaining the arrest or conviction record of an applicant until after a conditional offer of employment is made to the applicant in question.
4. Make information about this ordinance available to applicants and existing employees, and post notices in prominent locations at the workplace with information about the ordinance and complaint procedure using language provided by the City.
5. Comply with all other provisions of Sec. 39.08, MGO.

- C. Exemptions:** This section shall not apply when:

1. Hiring for a position where certain convictions or violations are a bar to employment in that position under applicable law, or
2. Hiring a position for which information about criminal or arrest record, or a background check is required by law to be performed at a time or in a manner that would otherwise be prohibited by this ordinance, including a licensed trade or profession where the licensing authority explicitly authorizes or requires the inquiry in question.

To be exempt, Contractor has the burden of demonstrating that there is an applicable law or regulation that requires the hiring practice in question, if so, the contractor is exempt from all of the requirements of this ordinance for the position(s) in question.

#### **ARTICLE 104                    SCOPE OF WORK**

This contract is for the removal of hazardous materials prior to the selective building demolition of the existing Madison Municipal Building located at 215 Martin Luther King Blvd. Work shall include all items as identified in the asbestos inspection report provided as Exhibit B in these Special Provisions.

The scope of work includes the furnishing of all labor, materials, equipment, tools, and other services necessary to complete the work in accordance with the intent of this contract. The Contractor shall use properly functioning equipment capable of performing the tasks required. The Contractor shall furnish workers who perform quality work and who are experienced and knowledgeable in the work proposed.

In addition the Contractor shall include all costs of permits, disposal, equipment rental, and any other costs whatsoever which may be required for the removal of all hazardous materials in accordance with the intent of this contract. The Contractor SHALL NOT include the cost of the required WDNR 4500-113, A&A Environmental shall pull this permit in advance of the contract beginning and shall add all required contractor information as needed prior to starting work.

### **SECTION 104.1 LANDS FOR WORK**

All lands for work shall be located at 215 Martin Luther King Jr. Blvd. Madison Municipal Building. The Building was constructed in 1929 and consists of a ground floor with Mechanical room, first, second & third floor. The exterior project limits shall be any sufficient space as required for the safe and efficient removal of hazardous materials as identified within this contract document. In no case shall the contractor be allowed to cross over any of the property lines or encroach on public sidewalks.

The contractor may use the driveway off Doty Street during the execution of this contract. The contractor shall be responsible for ensuring any cleanup of hazardous materials from the building at the conclusion of this contract.

The City of Madison will do any required snow removal during the execution of this contract.

### **SECTION 104.2 INTENT AND COORDINATION OF CONTRACT DOCUMENTS**

The contract documents are complimentary of each other and consist of all of the following:

- The City Standard Specification, 2016 Edition
- These Special Provisions
- All Addendums to the bidding documents
- Any supplemental instructions, details, or specifications issued during the course of the contract.
- Exhibit A – 6 pages of 11x17 plans, at the end of the special provisions
- Exhibit B – Limited Asbestos and Lead Survey Report dated November 12, 2015 by A&A Environmental, Inc. , at the end of the special provisions
- Exhibit C – Wisconsin Department of Administration Specification 02 82 13 Asbestos Abatement (02 82 13.docx), at the end of the special provisions, as linked from the WI-DOA website

### **SECTION 105.3 AUTHORITY AND DUTIES OF THE INSPECTOR**

The Contractor shall coordinate directly with any and all regulatory agencies having jurisdiction over the licensing, removal, permitting, inspection, and disposal of hazardous materials as described in these documents.

The City of Madison has retained A&A Environmental, Inc. to provide project oversight for this contract as follows:

- Verification of complete removal of all suspect materials. A&A Environmental has representative authority for the City of Madison to require additional removal as needed if additional bid item materials are located during the execution of this contract.
  - In the event new suspect materials are noted during the execution of this contract and those new items cannot be associated with existing bid items a contract change order shall be negotiated between the Contractor and the City of Madison.
- On site verification of final quantities removed by bid item. This shall include measurements of SQUARE FOOT (SF) and LINEAL FOOT (LF) quantities, and physical count of EACH quantities, prior to disposal.
- The Contractor shall provide copies of all disposal documents to A&A Environmental for verification.
- The Contractor shall provide copies of all air quality test reports to A&A Environmental for verification.

The City of Madison and A&A Environmental staff has determined eight (8) site visits by A&A Environmental will be required during the execution of this contract as follows:

- Pre-construction meeting, contractor shall have all apparatus and equipment on site assembled and available for inspection.
- Verification of complete removal of suspected items including final quantity verifications prior to shutting down the boiler system.
- Site clearance inspection prior to allowing the General Contractor to mobilize the site.
- Verification of complete removal of suspected items associated with the boiler system.
- Verify the site has been fully restored and is safe for the demolition contract to proceed.

If the Contractor requires more than the (8) allotted visits the City of Madison shall recover the fees of the extra visits from the Contractor by contract change order. The rate of each site visit is \$350.00 (three hundred fifty dollars and no cents).

**SECTION 105.5            INSPECTION OF WORK**

The Contractor shall coordinate directly with any and all regulatory agencies having jurisdiction over the licensing, removal, permitting, inspection, and disposal of hazardous materials as described in these documents.

The Contractor shall coordinate directly with A&A Environmental for all contractual inspections associated with the execution of this contract. Inspections and approvals received from A&A Environmental does not preclude the contractor from obtaining required regulatory inspections.

There are no City of Madison - Building Inspection Department inspections required for the execution of this contract.

**SECTION 105.6            CONTRACTOR'S RESPONSIBILITY FOR WORK**

The Contractor shall not take advantage of any discrepancy in the plans or specifications. This shall include but not be limited to apparent errors, omissions, and interpretations involving codes, regulations, and standards.

Any Contractor who identifies such a discrepancy during the bidding process shall notify the City Project Manager of the discrepancy prior to the "Questions and Clarifications Deadline" as noted in Section A of the bid documents.

Any Contractor who identifies such a discrepancy during the abatement process shall immediately notify the City Project Manager in writing and request clarification on how to proceed.

If a conflict exists within the Specifications or exists within the Drawings, the Contractor shall perform the work that most closely fits the City's intent of this contract.

**SECTION 105.12         COOPERATION BY THE CONTRACTOR**

The Contractor shall provide the City Project Manager and A&A Environmental with a three (3) working day notice when it becomes necessary to shut down the boiler system for removal of bid items related to the boilers.

The Contractor shall proceed with preparing the work site for the General Contractor's personnel to mobilize the site and perform required boiler shutdown operations. Work site shall be inspected and cleared by A&A Environmental prior to allowing General Contractor's personnel to enter the site.

The Contractor shall continue with removal operations after maintenance personnel have completed the boiler shut down. The abatement contractor shall include this mobilization in his/her contract schedule.

The General Contractor shall be responsible for all temporary facilities including heat, toilet facilities, etc as needed after the winterization process has been completed. Temporary facilities shall include any fuel or service required to operate or maintain the temporary facility. .

**SECTION 105.13         ORDER OF COMPLETION**

The Contractor shall execute this contract as follows:

- Removal all of bid items except 93004, 93005, 93006, 93007, 93008, 93009 and 93013.
- Provide a minimum of a three (3) working day notice to the City Project Manager and A&A Environmental.
- Prepare site for General Contractor personnel to mobilize and shut down the boiler system upon installation of temporary system. This includes any testing and approval by A&A Environmental.
- Complete removal of bid items 93004, 93005, 93006, 93007, 93008, 93009 and 93013, and contract finalization after shut down of the boiler system upon installation of temporary system..

## **SECTION 107.2            PROTECTION AND RESTORATION OF PROPERTY**

The Contractor shall follow these general guidelines while performing work associated with this contract:

- Internal Demolition shall be allowed as needed to access/verify/remove all suspect materials as identified in this contract. Internal demolition does not need to be repaired in any manner, demolition materials do not need to be removed from the site provided no suspect materials are attached to the building materials in any way. Demolition materials shall be consolidated and neatly piled by material type.
  - Demolition of structural components, masonry walls, precast plank, etc is not authorized without prior approval from the City Project Manager.
  - Demolition of hollow metal frames in masonry walls and is not authorized.
- Historical areas of the building must be protected from any direct or collateral damage from hazmat remediation. There are several areas of historical significance that must be protected from damage. They include but are not limited to the following:
  - Exterior entry doors
  - Interior wood doors
  - Door trim and baseboards
  - Room 260
  - 2<sup>nd</sup> floor corridor
  - Vaults located on ground level and 2<sup>nd</sup> floor.
  - Marble Stairs treads and risers.
- Internal Utilities shall not be cut or removed. Suspect materials shall be completely removed from all internal utility system materials and all internal utility systems shall remain intact and fully functioning during the performance of this contract. This shall include but not be limited to all plumbing, heating, cooling and electrical components.
  - Exceptions to this shall be the removal of electrical boxes. The asbestos contractor shall be responsible for hiring a certified electrician to isolate circuits and render them inoperative allowing the boxes to be removed.
  - The General Contractor shall shut down the boiler system and provide temporary mechanical system for the facility as needed and defined within these special Provisions.
- External Demolition of building components shall not be allowed.
  - The Contractor shall remove all exterior caulk and backer rod as indicated in the plans and specifications.
  - The Contractor shall not be required to install new backer rod and caulk under the execution of this contract.
  - Exterior doors and jambs shall remain intact.

## **SECTION 108.2            PERMITS AND LICENSING**

The Contractor shall be required to provide copies of all State of Wisconsin licensing information with his/her contract. Licensing shall clearly show identification information, and expiration dates. All licenses shall be valid from contract start work letter through the completion of this contract.

There are no City of Madison permits or inspections required for the asbestos removal portion of this project. The Contractor shall be required for any permits that may be required for the removal/inspection of electrical equipment.

A&A Environmental will pull the required Wisconsin DNR permits prior to the Contractors start work date. The contractor's name and company information shall be added to the permit after the contract has been fully executed by the City of Madison.

## **SECTION 109.7            TIME OF COMPLETION**

Work shall begin only after the contract is completely executed and the start work letter is received. It is anticipated that the start work letter shall be issued on or about December 20<sup>th</sup>, 2016.

The contract shall be **COMPLETED NO LATER THAN April 11<sup>th</sup>, 2017**. This shall include all hazardous materials removed, final inspections completed and final clearance of the contract by A&A Environmental.

No additional time shall be granted for the execution of this contract as the Madison Municipal Building Remodeling contract begins immediately upon completion of the Hazardous Waste Removal Contract.

### **NON STANDARD BID ITEMS**

#### **NOTES:**

1. All non standard bid items associated with the removal of suspected materials are listed as they appear in the asbestos report.
2. The proposal page shows the total quantities of distinct like items.
3. All bid items include the general area clean up of all suspect materials and demolition materials associated with the removal of the bid item.
4. Bid items shall include any costs associated with proper disposal of the bid item.

#### **BID ITEM 93001      Remove Insulation Fittings from Piping**

**DESCRIPTION:** BID ITEM 93001 shall include the complete removal of all suspected insulation fittings from the piping throughout the project site. Per the Asbestos Inspection Report an estimated 2,135 fittings may be located within the building. The Contractor shall be responsible for all demolition required to completely access heating and plumbing lines suspected of having such fittings. The Contractor shall remove all fittings from the pipe as needed. Piping shall remain intact and fully functional until boiler system is shut down. The contractor does not need to repair any walls or ceilings demolished for the completion of this bid item.

**METHOD OF MEASUREMENT:** BID ITEM 93001 shall be measured as EACH fitting completely removed from the suspected areas as identified.

**BASIS OF PAYMENT:** BID ITEM 93001 shall be paid at the contract unit price for each fitting removed.

#### **BID ITEM 93002      Remove Doors**

**DESCRIPTION:** BID ITEM 93002 shall include the complete removal of all suspected doors with the following guidelines:

- Doors may be removed with any hardware intact.
- Frames in stud walls may be removed with doors, demolition repair will not be required.
- Hollow metal frames in masonry walls shall remain, undamaged.

**METHOD OF MEASUREMENT:** BID ITEM 93002 shall be measured as EACH door completely removed as indicated by the plans. Unit Price shall include any associated demolition per the description above.

**BASIS OF PAYMENT:** BID ITEM 93002 shall be paid at the contract unit price for the each door removed.

#### **BID ITEM 93003      Remove Door Frame Caulking/Glazing**

**DESCRIPTION:** BID ITEM 93003 shall include the complete removal of all suspected caulking and glazing on exterior door frames. Note: The exterior doors have Historical significance and must be protected from damage.

All doors shall be assumed to be 6 ft x 8 ft frames as identified in the report. Door frames shall be sizes as noted in the report.

No additional interior demolition is required for the complete removal of this bid item.

**METHOD OF MEASUREMENT:** BID ITEM 93003 shall be measured as LF (lineal feet) of caulking/glazing removed. The total estimated quantity for this bid item as identified on the proposal page is for the removal of caulking/glazing from both sides of the door frame.

**BASIS OF PAYMENT:** BID ITEM 90003 shall be paid at the contract unit price for the total lineal footage removed.

**BID ITEM 93004      Remove Insulation on Boiler Breaching**

**DESCRIPTION:** BID ITEM 93004 shall include the complete removal of all suspected insulation on the Boiler Breaching.

The Contractor shall be responsible for coordinating the shutdown of the boiler system as outlined in Sections 105.12 and 105.13 above.

**METHOD OF MEASUREMENT:** BID ITEM 93004 shall be measured as SF (square feet) of Boiler Breaching completely removed from the suspected areas as identified.

**BASIS OF PAYMENT:** BID ITEM 93004 shall be paid at the contract unit price for the total square footage removed.

**BID ITEM 93005      Remove All Fuel Chimney**

**DESCRIPTION:** BID ITEM 93005 shall include the complete removal of All Fuel Chimney. The chimney runs from the basement level through the roof.

The Contractor shall be responsible for coordinating the shutdown of any system using the chimney as outlined in Sections 105.12 and 105.13 above.

**METHOD OF MEASUREMENT:** BID ITEM 93005 shall be measured as LF (lineal feet) of All Fuel Chimney completely removed from the suspected area as identified. Unit Price shall include any associated demolition per the description above.

**BASIS OF PAYMENT:** BID ITEM 93005 shall be paid at the contract unit price for the total lineal footage removed.

**BID ITEM 93006      Remove Boiler Refractory, gaskets and cement**

**DESCRIPTION:** BID ITEM 93006 shall include the complete removal of all suspected materials associated with the boiler refractory, including but not limited to the refractory, gaskets, cement, etc.

The Contractor shall be responsible for coordinating the shutdown of the boiler system as outlined in Sections 105.12 and 105.13 above.

**METHOD OF MEASUREMENT:** BID ITEM 93006 shall be measured as EA (each) of boiler refractory completely removed from the suspected areas as identified.

**BASIS OF PAYMENT:** BID ITEM 93006 shall be paid at the contract unit price for the total unit removed.

**BID ITEM 93007      Remove Boiler insulation**

**DESCRIPTION:** BID ITEM 93007 shall include the complete removal of all suspected Boiler insulation as described on page 2 of the Limited Asbestos and Lead Survey Report. The Contractor shall be responsible for complete removal of all suspected boiler insulation

No additional demolition is authorized during the removal of suspected boiler insulation.

**METHOD OF MEASUREMENT:** BID ITEM 93007 shall be measured as SF (Square feet) of exterior caulking completely removed from the suspected areas as identified. Unit Price shall include any required equipment rentals such as lifts or scaffolding as needed for the removal of this bid item.

**BASIS OF PAYMENT:** BID ITEM 93007 shall be paid at the contract unit price for total square footage removed.

**BID ITEM 93008            Remove Boiler Breaching**

**DESCRIPTION:** BID ITEM 93008 shall include the complete removal of all suspected Boiler breaching as described on page 2 of the Limited Asbestos and Lead Survey Report. The Contractor shall be responsible for complete removal of all suspected boiler insulation

No additional demolition is authorized during the removal of suspected boiler insulation.

**METHOD OF MEASUREMENT:** BID ITEM 93008 shall be measured as SF (Square feet) of boiler breaching completely removed from the suspected areas as identified. Unit Price shall include any required equipment rentals such as lifts or scaffolding as needed for the removal of this bid item.

**BASIS OF PAYMENT:** BID ITEM 93008 shall be paid at the contract unit price for total square footage removed.

**BID ITEM 93009            Remove Exterior Caulking**

**DESCRIPTION:** BID ITEM 93009 shall include the complete removal of all suspected precast caulking. The Contractor shall be responsible for complete removal of all suspected caulk including but not limited to other caulks covering suspected caulk, cleaning caulk off of other building components and removing any backer material in joints that may have suspect caulk on it. Note: the exterior masonry has Historic significance and must be protected from damage during caulk removal.

No additional demolition is authorized during the removal of suspected exterior caulking. The Contractor shall not provide or install any new backer rod or caulking once suspected materials have been removed but will coordinate work so the building is not left exposed to the elements.

**METHOD OF MEASUREMENT:** BID ITEM 93009 shall be measured as LF (Lineal feet) of exterior caulking completely removed from the suspected areas as identified. Unit Price shall include any required equipment rentals such as lifts or scaffolding as needed for the removal of this bid item.

**BASIS OF PAYMENT:** BID ITEM 93009 shall be paid at the contract unit price for total lineal footage removed.

**BID ITEM 93010            Remove Ceiling Glue Pods**

**DESCRIPTION:** BID ITEM 93010 shall include the complete removal of all areas of glued ceiling tile and associated glue pods as noted on the plans. The Contractor shall be responsible for any demolition required to completely remove the Ceiling tile for the removal.

The Contractor shall be responsible for coordinating the work as outlined in Sections 105.12 and 105.13 above as part of this bid item.

**METHOD OF MEASUREMENT:** BID ITEM 93010 shall be measured as EACH suspected unit of ceiling glue pods removed. Unit Price shall include any costs associated with accessing the ceiling tile removed and any associated demolition required during for this bid item.

**BASIS OF PAYMENT:** BID ITEM 93010 shall be paid at the contract unit price for EACH unit of ceiling glue pods removed.

**BID ITEM 93011            Remove Wood Floor and/or Floor Tile and Mastic**

**DESCRIPTION:** BID ITEM 93011 shall include the complete removal of all suspected floor tile and mastic as indicated on the plans. The Contractor shall be responsible for all demolition required to completely access the floor tiles and mastic; including removal of base board. The contractor does not need to repair any walls or floors demolished for the completion of this bid item. Note: the wood and marble baseboards have Historic significance and must be protected from direct or collateral damage during floor removal.



**METHOD OF MEASUREMENT:** BID ITEM 93011 shall be measured as SF (square feet) of tile and mastic completely removed from the suspected areas as identified. Unit Price shall include any associated demolition per the description above.

**BASIS OF PAYMENT:** BID ITEM 93011 shall be paid at the contract unit price for the total square footage removed.

**BID ITEM 93012      Remove Transite Board/Bakolite**

**DESCRIPTION:** BID ITEM 93012 shall include the complete removal of a transite board located in switch gear as noted on the plans. At the Contractors option the entire switch gear box may be removed as it is abandoned equipment. No additional demolition is authorized for this bid item.

**METHOD OF MEASUREMENT:** BID ITEM 93012 shall be measured as EACH transite board completely removed from the suspected areas as identified. Unit Price shall include any costs associated with providing an electrical contractor to isolate, disconnect, and render safe any circuits associated with this bid item.

**BASIS OF PAYMENT:** BID ITEM 93012 shall be paid at the contract unit price for the total quantity removed.

**BID ITEM 93013      Remove Thermal System Insulation.**

**DESCRIPTION:** BID ITEM 93013 shall include the complete removal of all suspected Thermal system insulation associated with mechanical piping as noted on the plans. No additional demolition is authorized for this bid item, the piping shall be clean of all suspect materials but may not be removed.

**METHOD OF MEASUREMENT:** BID ITEM 93013 shall be measured as LF (lineal feet) caulking completely removed from the suspected areas as identified.

**BASIS OF PAYMENT:** BID ITEM 93013 shall be paid at the contract unit price for all of the caulk removed.

**BID ITEM 93014      Cleanup of Identified Spaces**

**DESCRIPTION:** BID ITEM 93014 shall include cleanup of ceiling spaces and chase spaces having miscellaneous suspected materials not associated with other bid items.

**METHOD OF MEASUREMENT:** BID ITEM 93014 shall be measured as SF (square feet) of surface area completely cleaned of suspected materials as identified.

**BASIS OF PAYMENT:** BID ITEM 93014 shall be paid at the contract unit price for the total square footage cleaned.

**BID ITEM 93015      Electrical Boxes**

**DESCRIPTION:** BID ITEM 93015 shall include removal of any electrical boxes suspected of containing asbestos as required by the contractor during the execution of this contract.

**METHOD OF MEASUREMENT:** BID ITEM 93015 shall be measured as EACH electrical box completely removed from the suspected areas as identified. Unit Price shall include any costs associated with providing an electrical contractor to isolate, disconnect, and render safe any circuits associated with this bid item.

**BASIS OF PAYMENT:** BID ITEM 93015 shall be paid at the contract unit price for the each Electrical box removed.

**BID ITEM 93016      Temporary Enclosure of Exterior Transite Openings**

**DESCRIPTION:** BID ITEM 93016 shall include all labor, equipment, and materials required to provide temporary Transom enclosures at all locations where exterior Transoms are being removed under bid item 93016.

Temporary enclosures shall be constructed of 2x4 (minimum) framing with 5/8" OSB sheathing on the exterior side. Fastening sheathing to door frames and walls shall not be permitted. No additional caulking or weather proofing will be required. The contractor shall be responsible for repairing any damage to door frames or walls associated with the execution of this bid item. Note: The exterior doors have Historical significance and must be protected from damage.

**METHOD OF MEASUREMENT:** BID ITEM 93016 shall be measured as EACH for any temporary enclosure required at exterior openings where doors are removed.

**BASIS OF PAYMENT:** BID ITEM 93016 shall be paid at the contract unit price for EACH enclosure installed.

**POINTS OF CONTACT**

The Project Manager for City Engineering, Facility Management for this contract is:

Mike Schuchardt  
PH: (608) 261-9249  
Email: [mschuchardt@cityofmadison.com](mailto:mschuchardt@cityofmadison.com)  
210 Martin Luther King Jr. Blvd.  
Room 115  
Madison, WI 53703

The Asbestos Removal Consultant for City Engineering, Facility Management for this contract is:

Mr. Kim Sopha  
PH: (608) 576-4960  
A & A Environmental, Inc.  
Email: [BLSOPHA@aol.com](mailto:BLSOPHA@aol.com)

\* Reference Madison Municipal Building Asbestos Removal in the subject line of emails

# A & A Environmental, Inc.

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N4381 US Hwy 51, Poynette, WI 53955

Phone: (608) 240-1511, Mobile Phone: (608) 576-4960, Fax: (608) 635-9717

**Inspection Revised 11/12/14**

November 12, 2014

Bryan Cooper  
City of Madison Engineering  
210 MLK, Jr. Blvd., Room 115  
Madison, WI 53703-3342  
(608) 261-5533, Fax (608) 264-9275  
bcooper@cintyofmadison.com

RE: 215 Martin Luther King, Jr. Blvd, Madison, WI

On October 12, 2014 through October 24, 2014 an asbestos inspection for renovation and XRF sampling for lead based paint was completed on Madison Municipal Building located at 215 Martin Luther King, Jr. Blvd in Madison, WI.

## **Asbestos Inspection**

Bulk samples collected and analyzed for asbestos content by polarized light microscopy (PLM). The following building materials were reported > 1% asbestos or are assumed to contain RACM - Category I and Category II non-friable asbestos. These materials must be properly removed prior to renovation.

### **Lower Level**

Zoning  
388 fittings above the ceilings

Public Exit  
158 fittings above the ceilings

Planning Department Storage  
37 fittings above the ceilings

Women's Restroom  
31 fittings above the ceilings  
40 fittings in the chase

Men's Restroom  
58 fittings above the ceilings  
40 fittings in the chase

Systems Furniture Storage  
39 fittings

Housekeeping  
38 fittings  
192 Sq Ft of 12 x 12 floor tile and mastic - Samples #128, 129

Housing Storage  
196 Sq Ft of 12 x 12 floor tile and mastic

B.I. Storage  
96 Sq Ft of 12 x 12 floor tile and mastic

Conference Room LL130  
22 fittings above the ceilings

Word Processing  
18 fittings above the ceilings  
396 Sq Ft of 12 x 12 floor tile and mastic under carpet - Samples #125,126

Maintenance Office and Break Room  
42 fittings above the ceilings  
192 Sq Ft of 12 x 12 floor tile and mastic - Samples #113, 114

Men's and Women's Restrooms Next to Elevator  
41 fittings in the walls

Water Meter Room  
21 fittings

Housekeeping Storage  
18 fittings

Maintenance Shop  
48 fittings  
Unknown amount in pipe chases - estimate 80 Lin Ft

Boiler Room [Mechanical Room](#)  
197 fittings 6" OD or larger  
293 fittings less than 6" OD  
2 large tanks - 10 Ft x 30 Ft long, each  
2 expansion tanks - 2 Ft x 6 Ft long, each  
1 tank 4 Ft x 6 ft long  
Boiler insulation on 2 boilers - 394 Sq Ft each  
Refractory and gaskets (assumed), not quantified  
Boiler insulation on 1 boiler (assumed) - 270 Sq Ft  
Refractory and gaskets (assumed), not quantified  
Boiler breaching - 1,188 Sq Ft  
All electrical boxes (assumed), not quantified. Most have been replaced therefore most likely not going to contain asbestos when opened.

The heating plan shows heating lines running throughout the lower level. It appears the ACM has been removed from the heating lines and re-insulated with fiberglass and asbestos/non-asbestos insulating cement. A&A Environmental, Inc. was unable to verify all of the ACM was removed in the parameter walls. The quantities of pipe insulation and fittings on the lower level and first floor were quantified unless stated otherwise.

**First Floor**

Transportation

230 fittings above the ceilings  
6,074 Sq Ft of yellow carpet mastic throughout the transportation area.  
Sample # 104 was negative, sample #108 was reported to contain asbestos. Both types of mastic appear to be present throughout the transportation work space.

Wilson Street Corridor

198 Sq Ft of 12 x 12 floor tile and mastic - Samples #163, 164  
32 Sq Ft of transite above the entry door

Martin Luther King, Jr. Blvd Vestibule and Lobby

220 fittings above the ceilings  
96 Sq Ft of transite above three entry doors

Traffic Engineering, Room 130

178 fittings above the ceilings

Doty Street Vestibule

32 Sq Ft of transite above the exterior door  
37 fittings above the ceilings

Doty Street Stairs

6 fittings

Post Office Boxes and Corridor

60 Lin Ft of TSI  
43 fittings above the ceilings  
1,176 Sq Ft of 12 x 12 floor tile and mastic

Mailroom/Shipping and Receiving

196 fittings  
2,670 Sq Ft of 12 x 12 floor tile and mastic  
3 x 3 metal panel above the exterior door next to the dock

Mailroom Restrooms

49 fittings above ceilings and in the chases

US Post Office Lobby

97 fittings above the ceilings

Men's Restroom in Front of the Credit Union

43 fittings above the ceilings and in the chases

Women's Restroom in Front of the Credit Union

57 fittings above the ceilings and in the chases

Housing Unit

186 fittings above the ceilings  
Black floor tile mastic appears to be only around columns and appears to be residue material under non-asbestos yellow mastic. Quantity is unknown - Samples #189,190

The heating plan shows heating lines running through the center of the first floor. It appears the ACM has been removed and replaced with fiberglass and asbestos/non-asbestos insulating cement. The ACM shown on the plan in the walls going to the second floor unit heaters in front of each window could not be verified. Estimate 840 Lin Ft and 420 fittings.

**Second Floor**

Room 202

456 Sq Ft of floor tile and mastic under carpet on wood  
80 Lin Ft and 24 fittings of pipe insulation (assumed) in the walls  
Window glazing and caulking on two metal framed windows -  
Samples #13, 78

Room 203

600 Sq Ft of floor tile and mastic under carpet on wood  
80 Lin Ft and 24 fittings of pipe insulation (assumed) in the walls  
Window glazing and caulk on two metal framed windows

Room 205

462 Sq Ft of floor tile and mastic under carpet on wood  
80 Lin Ft and 24 fittings of pipe insulation (assumed) in the walls  
Window glazing and caulk on two metal framed windows

Room 206

220 Sq Ft of floor tile and mastic under carpet on wood  
40 Lin Ft and 12 fittings of pipe insulation (assumed) in the walls  
Window glazing and caulk on one metal framed window

Room 207

462 Sq Ft of floor tile and mastic under carpet on wood  
80 Lin Ft and 24 fittings of pipe insulation (assumed) in the walls  
Window glazing and caulk on two metal framed windows

Room 208

484 Sq Ft of floor tile and mastic under carpet on wood -  
Samples #161, 162  
80 Lin Ft and 24 fittings of pipe insulation (assumed) in the walls  
Window glazing and caulk on two metal framed windows

Room 209

462 Sq Ft of floor tile and mastic under carpet on wood  
80 Lin Ft and 24 fittings of pipe insulation (assumed) in the walls  
Window glazing and caulk on two metal framed windows

Room 210

220 Sq Ft of floor tile and mastic under carpet on wood

Room 211

110 Sq Ft of floor tile and mastic under carpet on wood

Room 212

212 Sq Ft of floor tile and mastic under carpet on wood

Room 213

264 Sq Ft of floor tile and mastic under raised floor  
40 Lin Ft and 12 fittings of pipe insulation (assumed) in the walls

Room 214

100 Sq Ft of floor tile and mastic under carpet on wood

Room 215

130 Sq Ft of floor tile and mastic under caret on wood  
80 Lin Ft and 24 fittings of pipe insulation (assumed) in walls

Room 216

130 Sq Ft of floor tile and mastic under caret on wood

Room 218

40 Lin Ft and 12 fittings of pipe insulation (assumed) in walls  
Window glazing and caulk on one metal framed window

Room 220

40 Lin Ft and 12 fittings of pipe insulation (assumed) in walls

Room 221

80 Lin Ft and 24 fittings of pipe insulation (assumed) in walls  
589 Sq Ft of glue pods on ceiling - Sample #58  
Window glazing and caulk on one metal framed window

Room 222

40 Lin Ft and 12 fittings of pipe insulation (assumed) in walls

Room 223

80 Lin Ft and 24 fittings of pipe insulation (assumed) in walls  
12 Lin Ft and 8 fittings of pipe insulation exposed  
Window glazing and caulk on two metal framed windows

Room 224

40 Lin Ft and 12 fittings of pipe insulation (assumed) in walls

Room 225

420 Sq Ft of floor tile and mastic under carpet on wood  
80 Lin Ft and 24 fittings of pipe insulation (assumed) in walls

Room 226

80 Lin Ft and 24 fittings of pipe insulation (assumed) in walls  
86 Lin Ft and 18 fittings of pipe insulation exposed

Room 230

140 Sq Ft of floor tile and mastic under carpet on wood

Room 232

165 Sq Ft of floor tile and mastic under carpet on wood  
40 Lin Ft and 12 fittings of pipe insulation (assumed) in walls

Room 233

209 Sq Ft of floor tile and mastic under carpet on wood  
40 Lin Ft and 12 fittings of pipe insulation (assumed) in walls  
Window glazing and caulk on one metal framed window

Room 249

90 Lin Ft and 40 fittings on plumbing lines above the ceiling  
40 Lin Ft on water lines in plumbing chase in the wall behind the door  
40 Lin Ft and 12 fittings of pipe insulation (assumed) in walls  
Window glazing and caulk on one metal framed window

Room 260

Window glazing and caulk on ten metal framed windows

Room 270

90 Lin Ft and 31 fittings of pipe insulation above the ceiling  
60 Lin Ft of insulation in plumbing chase  
40 Lin Ft and 12 fittings of pipe insulation (assumed) in walls  
Window glazing and caulk on one metal framed window

Room 272

40 Lin Ft and 12 fittings of pipe insulation (assumed) in walls  
Window glazing and caulk on one metal framed window

Room 274B

40 Lin Ft and 12 fittings of pipe insulation (assumed) in walls  
Window glazing and caulk on one metal framed window

Room 278

18 Lin Ft of pipe insulation on heating lines

Room 279

40 Lin Ft and 12 fittings of pipe insulation (assumed) in walls  
Window glazing and caulk on two metal framed windows

Room 284

40 Lin Ft and 12 fittings of pipe insulation (assumed) in walls  
Window glazing and caulk on one metal framed window

Room 285

40 Lin Ft and 12 fittings of pipe insulation (assumed) in walls  
Window glazing and caulk on one metal framed window

Room 286

40 Lin Ft and 12 fittings of pipe insulation (assumed) in walls  
Window glazing and caulk on one metal framed window

**Third Floor**

Room 300

1,512 Sq Ft of floor tile and mastic under carpet on wood  
1,081 Sq Ft of ceiling glue pods  
Window glazing and caulk on three metal framed windows

Room 301

464 Sq Ft of floor tile and mastic under carpet on wood  
464 Sq Ft of ceiling glue pods  
Window glazing and caulk on two metal framed windows



Room 302

256 Sq Ft of floor tile and mastic under carpet on wood  
256 Sq Ft of ceiling glue pods

Room 302A

204 Sq Ft of floor tile and mastic under carpet on wood  
204 Sq Ft of ceiling glue pods  
Window glazing and caulk on one metal framed window

Room 302B

230 Sq Ft of floor tile and mastic under carpet on wood  
230 Sq Ft of ceiling glue pods  
Window glazing and caulk on one metal framed window

Room 302C

160 Sq Ft of floor tile and mastic under carpet on wood  
160 Sq Ft of ceiling glue pods  
Window glazing and caulk on one metal framed window

Room 303

418 Sq Ft of floor tile and mastic under carpet on wood  
418 Sq Ft of ceiling glue pods

Room 304

273 Sq Ft of floor tile and mastic under carpet on wood  
273 Sq Ft of ceiling glue pods  
Window glazing and caulk on one metal framed window

Room 305

264 Sq Ft of floor tile and mastic under carpet on wood  
264 Sq Ft of ceiling glue pods above drop in ceiling

Room 306

294 Sq Ft of floor tile and mastic under carpet on wood  
294 Sq Ft of ceiling glue pods  
Window glazing and caulk on one metal framed window

Room 307

Window glazing and caulk on one metal framed window

Room 308

256 Sq Ft of floor tile and mastic under carpet on wood  
256 Sq Ft of ceiling glue pods  
Window glazing and caulk on one metal framed window

Room 309

308 Sq Ft of floor tile and mastic under carpet on wood  
308 Sq Ft of ceiling glue pods

Room 310

231 Sq Ft of floor tile and mastic under carpet on wood  
231 Sq Ft of ceiling glue pods  
Window glazing and caulk on one metal framed window

- Room 312
  - 399 Sq Ft of floor tile and mastic under carpet on wood
  - Window glazing and caulk on two metal framed windows
- Room 314
  - 210 Sq Ft of floor tile and mastic under carpet on wood
  - Window glazing and caulk on one metal framed window
- Room 316
  - 273 Sq Ft of floor tile and mastic under carpet on wood
  - Window glazing and caulk on one metal framed window
- Room 317
  - 60 Lin Ft of pipe insulation in pipe chase - unverified
- Room 318
  - 441 Sq Ft of floor tile and mastic under carpet on wood
  - Window glazing and caulk on two metal framed windows
- Room 320
  - 210 Sq Ft of floor tile and mastic under carpet on wood
  - Window glazing and caulk on one metal framed window
- Room 322
  - 210 Sq Ft of floor tile and mastic under carpet on wood
  - Window glazing and caulk on one metal framed window
- Room 324
  - 910 Sq Ft of floor tile and mastic under carpet on wood
  - Window glazing and caulk on two metal framed windows
- Room 326
  - 40 Lin Ft of pipe insulation in wall chase
  - Window glazing and caulk on one metal framed window
- Room 328
  - Window glazing and caulk on one metal framed window
- Room 330
  - Window glazing and caulk on one metal framed window
- Room 332
  - 414 Sq Ft of ceiling glue pods
  - Window glazing and caulk on one metal framed window
- Room 334
  - 638 Sq Ft of ceiling glue pods
  - Window glazing and caulk on two metal framed windows
- Room 350
  - 6 fittings on pipe insulation
  - Window glazing and caulk on two metal framed windows
- Room 354
  - 6 fittings on pipe insulation
  - Window glazing and caulk on one metal framed window

**Elevator Doors**

8 doors (assumed)

**Penthouse**

85 Lin Ft and 14 fittings of pipe insulation

**Interstitial Space between Third Floor and Roof Access through Penthouse**

280 Lin Ft and 35 fittings of pipe insulation

600 Sq Ft of clean up of broken pipe insulation

**Fire Doors**

Lower Level

Boiler Room - 4

Maintenance Office - 1

Stairway - 3

First Floor Stairway - 2

Second Floor Stairway - 2

Third Floor Stairway - 3

Penthouse - 1

All fire doors were assumed

**Roof**

506 Lin Ft of caulking on parapets, roof caps, and brick - Sample #04

Roofing material on the entire building

**Ground Floor/Lower Level Exterior Caulking**

414 Lin Ft of caulking on Wilson Street stairs and walls beside the stairs -

Sample #171

**Exterior Door Frame Caulking**

156 Lin Ft of door frame caulking on entrance doors, one on Wilson Street, three on Martin Luther King, Jr. Blvd, and one on Doty Street

20 Lin Ft on Post Office overhead door frame facing Pinckney Street

There is black material on the maintenance storage room wall of the lower level annex. A&A Environmental, Inc. was unable to collect a bulk sample from this material.

There are several pipe chases noted on the drawings without access. Once the building is vacated more investigation needs to be completed. This also holds true for the supply lines going to the heating units in front of each window.

All roofing materials are assumed to contain asbestos until sampled.

The following building materials tested <1% asbestos by PLM 400 point count:

None

The following building materials were bulk sampled and reported as **no asbestos detected**:

White/gray roof insulation mastic  
Roof caulking  
Caulking on ductwork  
Exterior stucco - topcoat/basecoat  
Gray window caulking  
Ductwork vibration dampers  
Black caulking on metal window frames  
White wall paint  
Tan wall paint  
Topcoat plaster  
Basecoat plaster  
Drywall  
Drywall compound  
Ceramic floor tile grout  
Yellow carpet mastic - except first floor traffic  
Floor leveler  
12 x 12 ceiling tiles  
2 x 2 ceiling tiles  
2 x 4 ceiling tiles  
Black/dark brown vinyl flooring  
Yellow vinyl floor mastic  
Black vinyl flooring mastic  
Green carpet mastic  
Base cove  
Yellow/brown base cove mastic  
Ceramic wall tile grout  
Ceramic wall tile glue  
Ceramic wall tile thinset  
Ceramic floor tile thinset  
Sheet vinyl  
Gray sink mastic  
Gray duct sealer  
Clear carpet mastic  
Vapor barrier under floor tile on second floor  
Clay wall bricks  
Window glazing on internal windows  
Red fire stop material  
Tuff bond on stick clips on annex ceilings  
Black tar on wall in lower level annex  
Stair treads  
Stair tread mastic  
Brown exterior caulking in lower level, first, second, and third floors

**XRF Sampling for Lead in Paint**

As a result of the XRF sampling only the previously renovated areas of the building should be considered for renovation without using lead safe work practices. Once the newer construction materials are removed the original plaster will be exposed requiring lead safe work practices.

A&A Environmental Inc.'s inspectors are only able to inspect open, safe, and accessible areas inside and outside of the building. Inaccessible suspect material may be hidden throughout this building. Any additional suspect materials discovered during the course of abatement/demolition/remodeling must be assumed to be ACM until sampled by and EPA/State of Wisconsin certified asbestos inspector and proven negative.

If you have any questions concerning this report or the sampling performed please feel free to contact me.

Sincerely,

  
Kim Sopha

President/Inspector #AII01851

Encl

KAS/bls

# A & A Environmental, Inc.

N4381 US Hwy 51 • Poynette, WI 53955

Phone: (608) 240-1511 • Mobile Phone: (608) 576-4960 • Pager: (608) 275-5377

Fax: (608) 635-9717

January 8, 2008

Mr. James C. Whitney

City of Madison

215 Martin Luther King Jr. Blvd, Room 115

Madison, WI 53703

(608) 266-4563, Fax (608) 264-9275, Cell (608) 575-5269

RE: 215 Martin Luther King Jr. Blvd, Madison, WI

MMB

MADISON MUNICIPAL BUILDING

On December 20, 2007 an asbestos inspection for renovation was completed in specified areas of the building as shown on the renovation drawings provided by Mr. Jim Whitney. Bulk samples were collected of building materials that will be disturbed during renovation and were analyzed for asbestos content. The following building materials tested positive for asbestos.

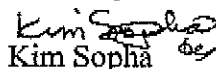
1. Floor tile and mastic – room 321/309 (600 Sq Ft).
2. Floor tile and mastic rooms 313A, 308A, and 302A (1,800 Sq Ft).
3. Floor tile, mastic, and tar paper from room 203 (1,440 Sq Ft).
4. Black mastic under carpet and yellow carpet glue in room 115, amount unknown without removing the carpet (could be 2,400 Sq Ft).

Other building materials sampled include clear/blue carpet glue, yellow carpet mastic, floor filler, topcoat plaster, base coat plaster, glue pods, 2 x 4 ceiling tiles, paneling glue (tan), black tar flooring, and drywall which when analyzed for asbestos were reported as no asbestos detected.

If TSI is found behind walls or above ceilings on the piping, the material should be assumed to contain asbestos.

If you have any questions concerning this report or the sampling performed please feel free to contact me.

Sincerely,

  
Kim Sopha

President/Inspector #AII01851

Encl

KAS/bls



August 19, 2015

A & A Environmental  
N4381 US Highway 51  
Poynette, WI 53955

**CLIENT PROJECT:** 215 Martin Luther King Jr Blvd; AA 3743  
**CEI LAB CODE:** B15-5430

Dear Customer:

Enclosed are asbestos analysis results for PLM Bulk samples received at our laboratory on August 18, 2015. The samples were analyzed for asbestos using polarizing light microscopy (PLM) per the EPA 600 Method.

Sample results containing >1% asbestos are considered asbestos-containing materials (ACMs) per EPA regulatory requirements. The detection limit for the EPA 600 Method is <1% asbestos by weight as determined by visual estimation.

Thank you for your business and we look forward to continuing good relations. If you have any questions, please feel free to call our office at 919-481-1413.

Kind Regards,

Tianbao Bai, Ph.D., CIH  
Laboratory Director





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**ASBESTOS ANALYTICAL REPORT**  
**By: Polarized Light Microscopy**

Prepared for

**A & A Environmental**

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CLIENT PROJECT: 215 Martin Luther King Jr Blvd; AA 3743

CEI LAB CODE: B15-5430

TEST METHOD: EPA 600 / R93 / 116 and EPA 600 / M4-82 / 020

REPORT DATE: 08/19/15

TOTAL SAMPLES ANALYZED: 2

# SAMPLES >1% ASBESTOS:

TOTAL LAYERS ANALYZED: 2

**TEL: 866-481-1412**

*www.ceilabs.com*





# Asbestos Report Summary

By: POLARIZING LIGHT MICROSCOPY

PROJECT: 215 Martin Luther King Jr Blvd; AA 3743      CEI LAB CODE: B15-5430

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METHOD: EPA 600 / R93 / 116 and EPA 600 / M4-82 / 020

Client ID	Layer	Lab ID	Color	Sample Description	ASBESTOS %
193		B71311	Black	Tar Coating	None Detected
194		B71312	Black	Tar Coating	None Detected



# ASBESTOS BULK ANALYSIS

By: POLARIZING LIGHT MICROSCOPY

**Client:** A & A Environmental  
 N4381 US Highway 51  
 Poynette, WI 53955

**CEI Lab Code:** B15-5430  
**Date Received:** 08-18-15  
**Date Analyzed:** 08-19-15  
**Date Reported:** 08-19-15

**Project:** 215 Martin Luther King Jr Blvd; AA 3743

## ASBESTOS BULK PLM, EPA 600 METHOD

Client ID Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS		ASBESTOS %
			Fibrous	Non-Fibrous	
193 B71311	Tar Coating	Homogeneous Black Non-fibrous Bound	100%	Tar	None Detected
194 B71312	Tar Coating	Heterogeneous Black Non-fibrous Bound	70% 30%	Silicates Binder	None Detected




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**LEGEND:**    Non-Anth        = Non-Asbestiform Anthophyllite  
                  Non-Trem        = Non-Asbestiform Tremolite  
                  Calc Carb        = Calcium Carbonate

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**METHOD:** EPA 600 / R93 / 116 and EPA 600 / M4-82 / 020

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**LIMIT OF DETECTION:** <1% by visual estimation

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**REGULATORY LIMIT:** >1% by weight

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Due to the limitations of the EPA 600 method, nonfriable organically bound materials (NOBs) such as vinyl floor tiles can be difficult to analyze via polarized light microscopy (PLM). EPA recommends that all NOBs analyzed by PLM, and found not to contain asbestos, be further analyzed by Transmission Electron Microscopy (TEM). Please note that PLM analysis of dust and soil samples for asbestos is not covered under NVLAP accreditation.

This report relates only to the samples tested or analyzed and may not be reproduced, except in full, without written approval by CEI Labs, Inc. CEI Labs makes no warranty representation regarding the accuracy of client submitted information in preparing and presenting analytical results. Interpretation of the analytical results is the sole responsibility of the client. This report may not be used by the client to claim product endorsement by NVLAP or any other agency of the U.S. Government.

**ANALYST:** Samantha Card  
 Samantha Card

**APPROVED BY:** Tianbao Bai  
 Tianbao Bai, Ph.D., CIH  
 Laboratory Director



**EMC LABS, INC.**

9830 S. 51st Street, Suite B109, Phoenix, AZ 85044  
 Phone: 800-362-3373 or 480-940-5294 - Fax: (480) 893-1726

Laboratory Report  
**0147811**

**Bulk Asbestos Analysis by Polarized Light Microscopy**

NVLAP#101926-0

Client:	A & A ENVIRONMENTAL, INC.	Job# / P.O. #:	3743
Address:	N4381 US HWY 51	Date Received:	10/22/2014
	POYNETTE WI 53955	Date Analyzed:	10/27/2014
Collected:	10/21/2014	Date Reported:	10/27/2014
Project Name:	215 MARTIN LUTHER KING JR. BLVD	EPA Method:	EPA 600/R-93/116
Address:		Submitted By:	KIM SOPHA
		Collected By:	

Lab ID Client ID	Sample Location	Layer Name / Sample Description	Asbestos Detected	Asbestos Type (%)	Non-Asbestos Constituents
0147811-001 1	ROOF	Roof Insulation Mastic, White	No	None Detected	Gypsum Quartz Binder/Filler 100%
0147811-002 2	ROOF	Roof Insulation Mastic, Gray/ Silver	No	None Detected	Gypsum Quartz Mica Binder/Filler 100%
0147811-003 3	ON TOP OF ROOF DUCTS	Roof Duct Caulk, White/ Gray	No	None Detected	Gypsum Carbonates Binder/Filler 100%
0147811-004 4	CHIMNEY & PARAPETS	Parapet Caulking, White/ Gray	Yes	Chrysotile 3%	Carbonates Quartz Binder/Filler 97%
0147811-005 5	PENTHOUSE	Ext. Stucco-Top Coat, Lt. Gray	No	None Detected	Synthetic Fiber Carbonates Quartz Mica Binder/Filler 99%
0147811-006 6	PENTHOUSE	Ext. Stucco-Base Coat, Gray	No	None Detected	Cellulose Fiber Carbonates Quartz Mica Binder/Filler 99%
0147811-007 7	PENTHOUSE	Window Caulk, Gray	No	None Detected	Carbonates Quartz Binder/Filler 100%

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Project Name:	215 MARTIN LUTHER KING JR. BLVD	EPA Method:	EPA 600/R-93/116
Address:		Submitted By:	KIM SOPHA
		Collected By:	

Lab ID Client ID	Sample Location	Layer Name / Sample Description	Asbestos Detected	Asbestos Type (%)	Non-Asbestos Constituents
0147811-008 8	TOP OF PARAPETS	Parapet Caulking, Gray	No	None Detected	Carbonates Binder/Filler 100%
0147811-009 9	DOOR FRAME	Door Frame Caulk, White	No	None Detected	Silicone Binder/Filler 100%
0147811-010 10	PENTHOUSE	Duct Work Flex Joint, Tan	No	None Detected	Cellulose Fiber Carbonates 95% 5%
0147811-011 11	METAL FRAMED WINDOWS 3RD FL	LAYER 1 Window Frame Caulk, White	No	None Detected	Carbonates Quartz Binder/Filler 100%
		LAYER 2 Window Frame Caulk, Lt. Gray	No	None Detected	Carbonates Quartz Binder/Filler 100%
0147811-012 12	METAL FRAMED WINDOWS 3RD FL	Window Glazing, Black	No	None Detected	Cellulose Fiber Carbonates Quartz Binder/Filler 3% 97%
0147811-013 13	3RD FL (SOFT)	Window Caulking, Gray	Yes	Chrysotile 3%	Carbonates Quartz Binder/Filler 97%
0147811-014 14	3RD FL HALL	Wall Plaster-Top Coat, White/ Off White	No	None Detected	Carbonates Gypsum Quartz Mica Binder/Filler 100%

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Project Name:	215 MARTIN LUTHER KING JR. BLVD	EPA Method:	EPA 600/R-93/116
Address:		Submitted By:	KIM SOPHA
		Collected By:	

Lab ID Client ID	Sample Location	Layer Name / Sample Description	Asbestos Detected	Asbestos Type (%)	Non-Asbestos Constituents
0147811-015 15	3RD FL HALL	Wall Plaster-Base Coat, Off White	No	None Detected	Cellulose Fiber <1% Gypsum Quartz Carbonates Mica Binder/Filler 99%
0147811-016 16	3RD FL HALL	Ceramic Floor Tile Grout, Black	No	None Detected	Cellulose Fiber 2% Carbonates Quartz Binder/Filler 98%
0147811-017 17	3RD FL HALL	Metal Window Frame Paint, Gray/ Green/ Red	No	None Detected	Carbonates Quartz Binder/Filler 100%
0147811-018 18	RM 302C	Carpet Mastic, Yellow	No	None Detected	Synthetic Fiber <1% Carbonates Quartz Binder/Filler 99%
0147811-019 19	RM 302C	Floor Leveler, Tan	Yes	Chrysotile 3%	Cellulose Fiber 1% Carbonates Mica Quartz Binder/Filler 96%
0147811-020 20	RM 302C	12"x12" Ceiling Tile, Beige	No	None Detected	Mineral Wool 50% Cellulose Fiber 45% Gypsum Binder/Filler 5%
0147811-021 21	RM 302C	Glue Pods, Brown	Yes	Chrysotile 5%	Carbonates Gypsum Quartz Binder/Filler 95%

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Laboratory Report  
**0147811**

**Bulk Asbestos Analysis by Polarized Light Microscopy**

NVLAP#101926-0

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Project Name:	215 MARTIN LUTHER KING JR. BLVD	EPA Method:	EPA 600/R-93/116
Address:		Submitted By:	KIM SOPHA
		Collected By:	

Lab ID Client ID	Sample Location	Layer Name / Sample Description	Asbestos Detected	Asbestos Type (%)	Non-Asbestos Constituents	
0147811-022 22	POST OFFICE LOBBY	2x2 Ceiling Tile, Off White/ Lt. Gray	No	None Detected	Mineral Wool	85%
					Gypsum Carbonates Quartz Binder/Filler	15%
0147811-023 23	POST OFFICE LOBBY	12"x12" Floor Tile, Gray	No	None Detected	Carbonates Quartz Binder/Filler	100%
0147811-024 24	POST OFFICE LOBBY	Floor Tile Mastic, Black	No	None Detected	Cellulose Fiber	<1%
					Carbonates Quartz Binder/Filler	99%
0147811-025 25	POST OFFICE LOBBY	Carpet Mastic, Green	No	None Detected	Synthetic Fiber	2%
					Carbonates Quartz Binder/Filler	98%
0147811-026 26	POST OFFICE LOBBY	Floor Leveler, Gray/ Tan	No	None Detected	Carbonates Quartz Mica Binder/Filler	100%
0147811-027 27	POST OFFICE LOBBY	Drywall, White/ Brown	No	None Detected	Cellulose Fiber Fibrous Glass Gypsum Carbonates Mica	10% 3%  87%

**EMC LABS, INC.**

9830 S. 51st Street, Suite B109, Phoenix, AZ 85044  
 Phone: 800-362-3373 or 480-940-5294 - Fax: (480) 893-1726

Laboratory Report  
**0147811**

**Bulk Asbestos Analysis by Polarized Light Microscopy**

NVLAP#101926-0

Client:	A & A ENVIRONMENTAL, INC.	Job# / P.O. #:	3743
Address:	N4381 US HWY 51	Date Received:	10/22/2014
	POYNETTE WI 53955	Date Analyzed:	10/27/2014
Collected:	10/21/2014	Date Reported:	10/27/2014
Project Name:	215 MARTIN LUTHER KING JR. BLVD	EPA Method:	EPA 600/R-93/116
Address:		Submitted By:	KIM SOPHA
		Collected By:	

Lab ID Client ID	Sample Location	Layer Name / Sample Description	Asbestos Detected	Asbestos Type (%)	Non-Asbestos Constituents
0147811-028 28	POST OFFICE LOBBY	Drywall Compound, White	No	None Detected	Cellulose Fiber <1%  Carbonates Perlite Mica Binder/Filler 99%
0147811-029 29	POST OFFICE LOBBY	Caulking, Yellow	No	None Detected	Carbonates Binder/Filler 100%
0147811-030 30	POST OFFICE PO BOXES	2x2 Ceiling Tile, White/ Gray/ Mauve	No	None Detected	Mineral Wool 60% Cellulose Fiber 20% Carbonates Perlite Binder/Filler 20%
0147811-031 31	PO BOX AREA	12"x12" Floor Tile, Off White	Yes	Chrysotile 3%	Carbonates Quartz Binder/Filler 97%
0147811-032 32	PO BOX AREA	Mastic, Black	Yes	Chrysotile 8%	Cellulose Fiber 2% Carbonates Binder/Filler 90%
0147811-033 33	PO BOX AREA	Basecove, Black	No	None Detected	Carbonates Quartz Binder/Filler 100%
0147811-034 34	PO BOX AREA	Basecove Mastic, Yellow	No	None Detected	Cellulose Fiber 1% Carbonates Quartz Binder/Filler 99%



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 Project Name: 215 MARTIN LUTHER KING JR. BLVD EPA Method: EPA 600/R-93/116  
 Address: Submitted By: KIM SOPHA  
 Collected By:

Lab ID Client ID	Sample Location	Layer Name / Sample Description	Asbestos Detected	Asbestos Type (%)	Non-Asbestos Constituents	
0147811-035 35	PO BOX AREA	Drywall, White/ Brown	No	None Detected	Cellulose Fiber Fibrous Glass Gypsum Carbonates Mica	10% 3%  87%
0147811-036 36	PO BOX AREA	Drywall Compound, White	No	None Detected	Carbonates Perlite Mica Binder/Filler	100%
0147811-037 37	WOMEN'S BATHRM POST OFFICE MAIL RM	Ceramic Wall Tile Grout, White	No	None Detected	Carbonates Quartz Gypsum Binder/Filler	100%
0147811-038 38	WOMEN'S BATHRM POST OFFICE MAIL RM	Ceramic Wall Tile Glue, Yellow	No	None Detected	Cellulose Fiber  Gypsum Quartz Carbonates Binder/Filler	<1%  99%
0147811-039 39	WOMEN'S BATHRM POST OFFICE MAIL RM	Ceramic Floor Tile Grout/Thin Set, Black	No	None Detected	Cellulose Fiber  Carbonates Quartz Binder/Filler	2%  98%
0147811-040 40	3RD FL HALL WAITING RM	12"x12" Floor Tile, White/ Black	No	None Detected	Carbonates Quartz Binder/Filler	100%

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Project Name:	215 MARTIN LUTHER KING JR. BLVD	EPA Method:	EPA 600/R-93/116
Address:		Submitted By:	KIM SOPHA
		Collected By:	

Lab ID Client ID	Sample Location	Layer Name / Sample Description	Asbestos Detected	Asbestos Type (%)	Non-Asbestos Constituents
0147811-041 41	3RD FL HALL WAITING RM	Floor Tile Mastic, Black	No	None Detected	Cellulose Fiber 5% Carbonates Binder/Filler 95%
0147811-042 42	RM 317	Sheet Vinyl, Gray/ Yellow/ Black	No	None Detected	Carbonates Quartz Binder/Filler 100%
0147811-043 43	RM 317	Sheet Vinyl Mastic, Yellow	No	None Detected	Cellulose Fiber 5% Carbonates Quartz Binder/Filler 95%
0147811-044 44	RM 317	Basecove, Brown	No	None Detected	Carbonates Quartz Binder/Filler 100%
0147811-045 45	RM 317	Basecove Mastic, Yellow	No	None Detected	Cellulose Fiber 3% Carbonates Quartz Binder/Filler 97%
0147811-046 46	RM 317	Drywall, White/ Brown	No	None Detected	Cellulose Fiber 10% Fibrous Glass 2% Gypsum Carbonates Mica 88%
0147811-047 47	RM 317	Drywall Compound, White	No	None Detected	Cellulose Fiber <1% Carbonates Mica Quartz Binder/Filler 99%

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Address:		Submitted By:	KIM SOPHA
		Collected By:	

Lab ID Client ID	Sample Location	Layer Name / Sample Description	Asbestos Detected	Asbestos Type (%)	Non-Asbestos Constituents
0147811-048 48	RM 317	Wall Plaster-Top Coat, White	No	None Detected	Carbonates Gypsum Mica Binder/Filler 100%
0147811-049 49	RM 317	Wall Plaster-Base Coat, Off White Note: Very small amount of Base Coat	No	None Detected	Cellulose Fiber Gypsum Quartz Carbonates Binder/Filler 99%
0147811-050 50	RM 321-BRAKE RM	Sink Mastic, Gray	No	None Detected	Cellulose Fiber Carbonates Mica Quartz Binder/Filler 88%
0147811-051 51	RM 321	Int./Ext. Window Caulking, Gray	No	None Detected	Carbonates Quartz Binder/Filler 100%
0147811-052 52	RM 334	LAYER 1 Glue Pod, Brown	Yes	Chrysotile 4%	Cellulose Fiber Carbonates Quartz Binder/Filler 95%
		LAYER 2 Coating, Beige	No	None Detected	Carbonates Quartz Binder/Filler 100%
0147811-053 53	RM 334	Ceiling Tile 12"x12", Beige	No	None Detected	Cellulose Fiber Mineral Wool Carbonates Perlite Binder/Filler 45% 40% 15%

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Project Name:	215 MARTIN LUTHER KING JR. BLVD	EPA Method:	EPA 600/R-93/116
Address:		Submitted By:	KIM SOPHA
		Collected By:	

Lab ID Client ID	Sample Location	Layer Name / Sample Description	Asbestos Detected	Asbestos Type (%)	Non-Asbestos Constituents
0147811-054 54	RM 334	Carpet Mastic, Tan	No	None Detected	Synthetic Fiber 1% Carbonates Quartz Binder/Filler 99%
0147811-055 55	RM 332	Window Glazing, Gray	No	None Detected	Carbonates Quartz Binder/Filler 100%
0147811-056 56	RM 308	2x4 Ceiling Tile, Brown	No	None Detected	Cellulose Fiber 90% Gypsum Binder/Filler 10%
0147811-057 57	RM 221	12"x12" Ceiling Tile, Beige	No	None Detected	Mineral Wool 50% Cellulose Fiber 30% Gypsum Carbonates Binder/Filler 20%
0147811-058 58	RM 221	Glue Pod, Brown	Yes	Chrysotile 3%	Carbonates Quartz Binder/Filler 97%
0147811-059 59	RM 221	Sheet Flooring, Lt. Brown/ White/ Black	No	None Detected	Carbonates Binder/Filler 100%
0147811-060 60	RM 221	Mastic, Yellow	No	None Detected	Cellulose Fiber <1% Carbonates Quartz Binder/Filler 99%
0147811-061 61	RM 219	Cove Base, Black	No	None Detected	Carbonates Quartz Binder/Filler 100%

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Project Name:	215 MARTIN LUTHER KING JR. BLVD	EPA Method:	EPA 600/R-93/116
Address:		Submitted By:	KIM SOPHA
		Collected By:	

Lab ID Client ID	Sample Location	Layer Name / Sample Description	Asbestos Detected	Asbestos Type (%)	Non-Asbestos Constituents	
0147811-062 62	RM 219	Cove Base Mastic, Tan	No	None Detected	Cellulose Fiber Carbonates Quartz Binder/Filler	<1%  99%
0147811-063 63	RM 222	Wall Plaster-Top Coat, White	No	None Detected	Carbonates Gypsum Quartz Mica Binder/Filler	   100%
0147811-064 64	RM 222	Wall Plaster-Base Coat, Lt. Gray/ Tan	No	None Detected	Cellulose Fiber Gypsum Quartz Carbonates Mica Binder/Filler	<1%  99%
0147811-065 65	RM 210	2x2 Ceiling Tile, White	No	None Detected	Mineral Wool Cellulose Fiber Carbonates Perlite Binder/Filler	50% 30%  20%
0147811-066 66	RM 210	Drywall, White/ Brown	No	None Detected	Cellulose Fiber Fibrous Glass Gypsum Carbonates Mica	10% 2%  88%
0147811-067 67	RM 210	Drywall Compound, White	No	None Detected	Carbonates Mica Binder/Filler	 100%
0147811-068 68	RM 210	Duct Sealer, Gray	No	None Detected	Carbonates Quartz Binder/Filler	 100%

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Address:		Submitted By:	KIM SOPHA
		Collected By:	

Lab ID Client ID	Sample Location	Layer Name / Sample Description	Asbestos Detected	Asbestos Type (%)	Non-Asbestos Constituents
0147811-069	RM 213	Floor Leveler/Floor Tile, Gray/ Tan Note: Sample appears to be Floor Tile	Yes	Chrysotile 5%	Carbonates Quartz Binder/Filler 95%
0147811-070	RM 213	Tar Material, Black Note: Sample appears to be Vapor Barrier	No	None Detected	Cellulose Fiber 50% Synthetic Fiber 10% Gypsum Carbonates Binder/Filler 40%
0147811-071	RM 260	Carpet Mastic, Yellow/ Clear	No	None Detected	Mineral Wool 3% Carbonates Gypsum Quartz Binder/Filler 97%
0147811-072	RM 260	Clay Wall Brick, Orange	No	None Detected	Gypsum Quartz Binder/Filler 100%
0147811-073	RM 226	2x4 Ceiling Tile, Tan	No	None Detected	Cellulose Fiber 40% Mineral Wool 40% Gypsum Perlite Binder/Filler 20%
0147811-074	RM 288	Wall Plaster-Top Coat, White	No	None Detected	Cellulose Fiber <1% Gypsum Mica Quartz Carbonates Binder/Filler 99%
0147811-075	RM 288	Wall Plaster-Base Coat, Lt. Gray/ Tan	No	None Detected	Cellulose Fiber <1% Gypsum Quartz Carbonates Mica 99%

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Address:		Submitted By:	KIM SOPHA
		Collected By:	

Lab ID Client ID	Sample Location	Layer Name / Sample Description	Asbestos Detected	Asbestos Type (%)	Non-Asbestos Constituents
0147811-076 76	RM 286	Wall Drywall, White/ Brown	No	None Detected	Cellulose Fiber 10% Fibrous Glass 3% Gypsum Mica Carbonates Quartz 87%
0147811-077 77	RM 286	Wall Drywall Compound, White	No	None Detected	Gypsum Carbonates Mica Perlite Binder/Filler 100%
0147811-078 78	RM 272	Window Glazing, Beige/ White	Yes	Chrysotile 5%	Carbonates Quartz Binder/Filler 95%
0147811-079 79	RM 272	Window Frame Caulk, Black	No	None Detected	Gypsum Quartz Carbonates Binder/Filler 100%
0147811-080 80	OFFICE & MEETING RM CU	2x2 Ceiling Tile, White/ Beige	No	None Detected	Cellulose Fiber 50% Mineral Wool 30% Gypsum Perlite Binder/Filler 20%
0147811-081 81	OFFICE & MEETING RM CU	Wall Drywall, White/ Brown	No	None Detected	Cellulose Fiber 10% Fibrous Glass 2% Gypsum Carbonates Mica Quartz 88%

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Lab ID Client ID	Sample Location	Layer Name / Sample Description	Asbestos Detected	Asbestos Type (%)	Non-Asbestos Constituents
0147811-082 82	CU	Wall Drywall Compound, White	No	None Detected	Carbonates Mica Quartz Binder/Filler 100%
0147811-083 83	CU	Carpet Mastic, Yellow	No	None Detected	Synthetic Fiber Gypsum Carbonates Binder/Filler <1% 99%
0147811-084 84	CU	Cove Base Mastic, Brown	No	None Detected	Cellulose Fiber Gypsum Quartz Binder/Filler <1% 99%
0147811-085 85	CU	Cove Base, Black	No	None Detected	Carbonates Gypsum Binder/Filler 100%
0147811-086 86	CU	Internal Window Glazing, Black	No	None Detected	Wollastonite Cellulose Fiber Carbonates Gypsum Binder/Filler 3% 2% 95%
0147811-087 87	LOBBY RM 125 CU	Vinyl Flooring, Black	No	None Detected	Carbonates Gypsum Quartz Binder/Filler 100%
0147811-088 88	LOBBY RM 125 CU	Vinyl Glue, Yellow/ Clear	No	None Detected	Talc Gypsum Quartz Carbonates Binder/Filler 5% 95%



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Address:		Submitted By:	KIM SOPHA
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Lab ID Client ID	Sample Location	Layer Name / Sample Description	Asbestos Detected	Asbestos Type (%)	Non-Asbestos Constituents
0147811-089	LOBBY RM 125 CU	Floor Leveler, Off White	No	None Detected	Gypsum Quartz Binder/Filler 100%
0147811-090	RM 135	2x2 Ceiling Tile, White/ Beige	No	None Detected	Mineral Wool Cellulose Fiber Perlite Gypsum Binder/Filler 45% 40% 15%
0147811-091	RM 135	Wall Drywall, White/ Brown	No	None Detected	Cellulose Fiber Gypsum Carbonates Mica Quartz 10% 90%
0147811-092	RM 135	Wall Drywall Compound, White	No	None Detected	Cellulose Fiber Gypsum Quartz Carbonates Binder/Filler <1% 99%
0147811-093	RM 135	Carpet Mastic, Yellow	No	None Detected	Fibrous Glass Gypsum Carbonates Quartz Binder/Filler 2% 98%
0147811-094	MAIN LOBBY OFF MLK	Ceiling Drywall, White/ Brown	No	None Detected	Cellulose Fiber Gypsum Carbonates Quartz 10% 90%

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0147811-095 95	MAIN LOBBY OFF MLK	Ceiling Drywall Compound, White	No	None Detected	Cellulose Fiber <1%  Gypsum Quartz Carbonates Binder/Filler 99%
0147811-096 96	RM 136	Sink Mastic, Black	No	None Detected	Cellulose Fiber <1%  Gypsum Quartz Binder/Filler 99%
0147811-097 97	RM 130	Ceramic Tile Grout/ Thin Set, Beige	No	None Detected	Carbonates Quartz Gypsum Binder/Filler 100%
0147811-098 98	RM 130	2x4 Ceiling Tile, White/ Beige	No	None Detected	Mineral Wool 50% Cellulose Fiber 35% Carbonates Perlite Quartz Binder/Filler 15%
0147811-099 99	RM 100	2x4 Ceiling Tile, White/ Beige	No	None Detected	Cellulose Fiber 50% Mineral Wool 30% Carbonates Perlite Binder/Filler 20%
0147811-100 104		Carpet Mastic, Yellow/ Black	No	None Detected	Synthetic Fiber 1% Cellulose Fiber <1% Gypsum Quartz Carbonates Binder/Filler 98%

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0147811-101 105		Wall Drywall, White/ Brown	No	None Detected	Cellulose Fiber 10% Gypsum Carbonates Quartz 90%
0147811-102 106	RM 100	Wall Plaster-Top Coat, White	No	None Detected	Gypsum Quartz Carbonates Binder/Filler 100%
0147811-103 107	RM 100	Wall Plaster-Base Coat, Lt. Gray/ Tan	No	None Detected	Cellulose Fiber <1% Gypsum Quartz Carbonates Binder/Filler 99%
0147811-104 108		Carpet Mastic, Yellow/ Black	Yes	Chrysotile 3%	Synthetic Fiber 1% Gypsum Carbonates Quartz Binder/Filler 96%
0147811-105 109		Wall Drywall, White/ Brown	No	None Detected	Cellulose Fiber 10% Gypsum Carbonates Mica Quartz Binder/Filler 90%
0147811-106 110		Wall Plaster-Top Coat, White	No	None Detected	Gypsum Quartz Carbonates Binder/Filler 100%

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0147811-107 111		Wall Plaster-Base Coat, Lt. Gray/ Tan	No	None Detected	Cellulose Fiber <1% Gypsum Quartz Carbonates Mica 99%
0147811-108 112	RM 100	TSI Filling, Gray	No	None Detected	Mineral Wool 50% Gypsum Quartz Carbonates 50%
0147811-109 113	MAINTENACE OFFICE LL	12"x12" Floor Tile, Beige/ Brown	Yes	Chrysotile 3%	Carbonates Quartz Binder/Filler 97%
0147811-110 114	MAINTENACE OFFICE LL	Floor Tile Mastic, Black	Yes	Chrysotile 4%	Cellulose Fiber 3% Carbonates Gypsum Quartz Binder/Filler 93%
0147811-111 115	MAINTENACE OFFICE LL	2x2 Ceiling Tile, White/ Beige	No	None Detected	Mineral Wool 60% Cellulose Fiber 20% Carbonates Perlite Quartz Binder/Filler 20%
0147811-112 116	MAINTENACE OFFICE LL	Wall Drywall, White/ Brown	No	None Detected	Cellulose Fiber 10% Gypsum Carbonates Quartz 90%

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0147811-113 117	MAINTENACE OFFICE LL	Wall Plaster, Gray	No	None Detected	Cellulose Fiber <1%  Gypsum Quartz Carbonates Binder/Filler 99%
0147811-114 118	MAINTENACE OFFICE LL	TSI Filling, Off White	Yes	Chrysotile 10%	Mineral Wool 40%  Gypsum Diatoms Quartz 50%
0147811-115 119	LL	Stair Tread, Black	No	None Detected	Carbonates Gypsum Quartz Binder/Filler 100%
0147811-116 120	LL	Mastic, Tan	No	None Detected	Gypsum Quartz Binder/Filler 100%
0147811-117 121	LL	Boiler Insulation, Lt. Gray	Yes	Chrysotile 20%	Mineral Wool 5%  Gypsum Diatoms Quartz 75%
0147811-118 122	WORD PROCESSING LL	12"x12" Ceiling Tile, Tan	No	None Detected	Mineral Wool 50% Cellulose Fiber 35%  Carbonates Gypsum Binder/Filler 15%
0147811-119 123	WORD PROCESSING LL	Glue Pods, Brown	Yes	Chrysotile 3%	Mineral Wool 1%  Gypsum Quartz Binder/Filler 96%

**EMC LABS, INC.**

9830 S. 51st Street, Suite B109, Phoenix, AZ 85044  
 Phone: 800-362-3373 or 480-940-5294 - Fax: (480) 893-1726

Laboratory Report  
**0147811**

**Bulk Asbestos Analysis by Polarized Light Microscopy**

NVLAP#101926-0

Client:	A & A ENVIRONMENTAL, INC.	Job# / P.O. #:	3743
Address:	N4381 US HWY 51	Date Received:	10/22/2014
	POYNETTE WI 53955	Date Analyzed:	10/27/2014
Collected:	10/21/2014	Date Reported:	10/27/2014
Project Name:	215 MARTIN LUTHER KING JR. BLVD	EPA Method:	EPA 600/R-93/116
Address:		Submitted By:	KIM SOPHA
		Collected By:	

Lab ID Client ID	Sample Location	Layer Name / Sample Description	Asbestos Detected	Asbestos Type (%)	Non-Asbestos Constituents
0147811-120 124	WORD PROCESSING LL	Carpet Mastic, Clear	No	None Detected	Synthetic Fiber <1%  Carbonates Quartz Binder/Filler 99%
0147811-121 125	WORD PROCESSING LL	12"x12" Floor Tile, Off White	Yes	Chrysotile 3%	Carbonates Quartz Gypsum Binder/Filler 97%
0147811-122 126	WORD PROCESSING LL	Floor Tile Mastic, Black	Yes	Chrysotile 5%	Cellulose Fiber 1%  Carbonates Gypsum Quartz Binder/Filler 94%
0147811-123 127	ZONING LL	Carpet Mastic, Yellow	No	None Detected	Synthetic Fiber 1%  Carbonates Gypsum Quartz Binder/Filler 99%
0147811-124 128	HOUSING STORAGE LL	12"x12" Floor Tile, White/ Beige	Yes	Chrysotile 3%	Carbonates Quartz Gypsum Binder/Filler 97%
0147811-125 129	HOUSING STORAGE LL	Floor Tile Mastic, Black	Yes	Chrysotile 5%	Carbonates Gypsum Binder/Filler 95%

**EMC LABS, INC.**

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Laboratory Report  
**0147811**

**Bulk Asbestos Analysis by Polarized Light Microscopy**

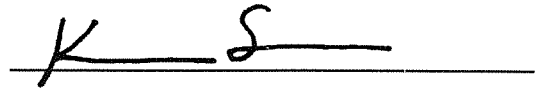
NVLAP#101926-0

Client:	A & A ENVIRONMENTAL, INC.	Job# / P.O. #:	3743
Address:	N4381 US HWY 51	Date Received:	10/22/2014
	POYNETTE WI 53955	Date Analyzed:	10/27/2014
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Project Name:	215 MARTIN LUTHER KING JR. BLVD	EPA Method:	EPA 600/R-93/116
Address:		Submitted By:	KIM SOPHA
		Collected By:	

Lab ID	Sample	Layer Name /	Asbestos	Asbestos Type	Non-Asbestos
Client ID	Location	Sample Description	Detected	(%)	Constituents



Analyst - Kurt Kettler



Signatory - Lab Manager - Ken Scheske

Distinctly stratified, easily separable layers of samples are analyzed as subsamples of the whole and are reported separately for each discernible layer. All analyses are derived from calibrated visual estimate and measured in area percent unless otherwise noted. The report applies to the standards or procedures identified and to the sample(s) tested. The test results are not necessarily indicated or representative of the qualities of the lot from which the sample was taken or of apparently identical or similar products, nor do they represent an ongoing quality assurance program unless so noted. These reports are for the exclusive use of the addressed client and that they will not be reproduced wholly or in part for advertising or other purposes over our signature or in connection with our name without special written permission. The report shall not be reproduced except in full, without written approval by our laboratory. The samples not destroyed in testing are retained a maximum of thirty days. The laboratory measurement of uncertainty for the test method is approximately less than 1 by area percent. Accredited by the National Institute of Standards and Technology, Voluntary Laboratory Accreditation Program for selected test method for asbestos. The accreditation or any reports generated by this laboratory in no way constitutes or implies product certification, approval, or endorsement by the National Institute of Standards and Technology. The report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NST, or any agency of the Federal Government. Polarized Light Microscopy may not be consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials.

**CHAIN OF CUSTODY**  
 EMC Labs, Inc.  
 9830 S. 51<sup>st</sup>., Ste B-109  
 Phoenix, AZ 85044  
 (800) 362-3373 Fax (480) 893-1726

LAB#:	147811
TAT:	3 day
Rec'd:	OCT 22 P.M.

COMPANY NAME: A & A ENVIRONMENTAL INC.  
N4381 US Hwy 51  
Poynette, WI 53955  
 CONTACT: Kim Sopha Scan & Email COC  
 Phone/Fax: (608) 576-4960 / (608) 635-9717  
 Email: bisopha@aol.com, aaenvinc@aol.com, rsopha@aaenv.com

BILL TO: \_\_\_\_\_ (If Different Location)  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

Now Accepting: **VISA – MASTERCARD** Price Quoted: \$ \_\_\_\_\_ / Sample \$ \_\_\_\_\_ / Layers

**COMPLETE ITEMS 1-4: (Failure to complete any items may cause a delay in processing or analyzing your samples)**

1. **TURNAROUND TIME:** [Same Day RUSH] [1-Day] [2-Day] (3-4-5-Day) [6-10 Day]

\*\*\*\*Prior confirmation of turnaround time is required

\*\*\*\*Additional charges for rush analysis (please call marketing department for pricing details)

\*\*\*\*Laboratory analysis may be subject to delay if credit terms are not met

2. **TYPE OF ANALYSIS:** (Bulk-PLM) [Air-PCM] [Lead] [Point Count] [Fungi: AOC, W-C, Bulk, Swab, Tape]

3. **DISPOSAL INSTRUCTIONS:** [Dispose of samples at EMC] / [Return samples to me at my expense]  
 (If you do not indicate preference, EMC will dispose of samples 30 days from analysis.)

4. Project Name: 215 Martin Luther King Jr Blvd  
 P.O. Number: \_\_\_\_\_ Project Number: 3743

EMC SAMPLE #	CLIENT SAMPLE #	DATE & TIME SAMPLED	LOCATION/MATERIAL TYPE	Samples Accepted Yes / No	AIR SAMPLE INFO / COMMENTS		
					ON	OFF	FLOW RATE
<u>1</u>	<u>1</u>	<u>10/21</u>	<u>Beer</u>	<u>(Y) N</u>			
<u>125</u>	<u>129</u>			<u>(Y) N</u>			
				<u>(Y) N</u>			
				<u>(Y) N</u>			
				<u>(Y) N</u>			
				<u>(Y) N</u>			
				<u>(Y) N</u>			
				<u>(Y) N</u>			
				<u>(Y) N</u>			
				<u>(Y) N</u>			
				<u>(Y) N</u>			
				<u>(Y) N</u>			
				<u>(Y) N</u>			
				<u>(Y) N</u>			

SPECIAL INSTRUCTIONS: Point Count if <1% or trace unless otherwise specified on COC

Sample Collector: (Print) \_\_\_\_\_ (Signature) \_\_\_\_\_

Relinquished by: \_\_\_\_\_ Date/Time: \_\_\_\_\_ Received by: Diana Federico Date/Time: 10/22/14

Relinquished by: Diana Federico Date/Time: 10/22/14 Received by: \_\_\_\_\_ Date/Time: 10/24/14

Relinquished by: \_\_\_\_\_ Date/Time: \_\_\_\_\_ Received by: \_\_\_\_\_ Date/Time: \_\_\_\_\_

\*\* In the event of any dispute between the above parties for these services or otherwise, parties agree that jurisdiction and venue will be in Phoenix, Arizona and prevailing party will be entitled to attorney's fees and court costs.



**EMC LABS, INC.**

9830 S. 51st Street, Suite B109, Phoenix, AZ 85044  
 Phone: 800-362-3373 or 480-940-5294 - Fax: (480) 893-1726

Laboratory Report  
**0147874**

**Bulk Asbestos Analysis by Polarized Light Microscopy**

NVLAP#101926-0

Client:	A & A ENVIRONMENTAL, INC.	Job# / P.O. #:	3743
Address:	N4381 US HWY 51	Date Received:	10/23/2014
	POYNETTE WI 53955	Date Analyzed:	10/28/2014
Collected:	10/22/2014	Date Reported:	10/28/2014
Project Name:	215 MARTIN LUTHER KING JR. BLVD	EPA Method:	EPA 600/R-93/116
Address:		Submitted By:	KIM SOPHA
		Collected By:	

Lab ID Client ID	Sample Location	Layer Name / Sample Description	Asbestos Detected	Asbestos Type (%)	Non-Asbestos Constituents
0147874-001 136	STAFF BREAK RM- LL	Base Cove, Black	No	None Detected	Gypsum Quartz Binder/Filler 100%
0147874-002 137	STAFF BREAK RM- LL	Base Cove Mastic, Lt. Brown	No	None Detected	Cellulose Fiber <1%  Gypsum Quartz Binder/Filler 99%
0147874-003 138	MEN'S BATHRM EAST-LL	Plaster-Base Coat, Lt. Gray	No	None Detected	Cellulose Fiber <1%  Gypsum Quartz Carbonates Mica 99%
0147874-004 139	MEN'S BATHRM EAST-LL	Plaster-Top Coat, White/ Lt. Gray	No	None Detected	Gypsum Carbonates Quartz Binder/Filler 100%
0147874-005 140	MEN'S BATHRM EAST-LL	TSI Fitting Insulation, Lt. Gray	No	None Detected	Mineral Wool 35%  Gypsum Diatoms Quartz 65%
0147874-006 141	MEN'S BATHRM EAST-LL	Ceramic Wall Tile Grout, White	No	None Detected	Carbonates Quartz Binder/Filler 100%

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Project Name:	215 MARTIN LUTHER KING JR. BLVD	EPA Method:	EPA 600/R-93/116
Address:		Submitted By:	KIM SOPHA
		Collected By:	

Lab ID Client ID	Sample Location	Layer Name / Sample Description	Asbestos Detected	Asbestos Type (%)	Non-Asbestos Constituents	
0147874-007 142	MEN'S BATHRM EAST-LL	Ceramic Wall Tile Mastic, Tan	No	None Detected	Gypsum Carbonates Quartz Binder/Filler	100%
0147874-008 143	CEILING OF CORRIDOR PUBLIC EXIT-LL	Tuf Bond Mastic, Gray	No	None Detected	Synthetic Fiber  Gypsum Binder/Filler	5%  95%
0147874-009 144	FIRE STOP MATERIAL CORRIDOR PUBLIC EXIT-LL	Fire Stop Material, Red/ Brown	No	None Detected	Fibrous Glass  Gypsum Binder/Filler	20%  80%
0147874-010 145	EOC WAITING RM- LL	Drywall, White/ Brown	No	None Detected	Cellulose Fiber  Gypsum Mica Carbonates	12%  88%
0147874-011 146	EOC WAITING RM- LL	Drywall Compound, White/ Off White	No	None Detected	Carbonates Mica Quartz Binder/Filler	100%
0147874-012 147	CONFERENCE RM LL 110	Duct Sealer, Gray	No	None Detected	Fibrous Glass  Carbonates Gypsum Quartz Binder/Filler	15%  85%

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Project Name:	215 MARTIN LUTHER KING JR. BLVD	EPA Method:	EPA 600/R-93/116
Address:		Submitted By:	KIM SOPHA
		Collected By:	

Lab ID Client ID	Sample Location	Layer Name / Sample Description	Asbestos Detected	Asbestos Type (%)	Non-Asbestos Constituents
0147874-013 148	ON WALL MAINT STORAGE-LL	Tar Material, Black	No	None Detected	Gypsum Binder/Filler 100%
0147874-014 149	ON CEILING MAINT STORAGE-LL	Tar Material, Black	No	None Detected	Gypsum Binder/Filler 100%
0147874-015 150	CORRIDOR PUBLIC EXIT-LL	Vinyl Flooring, Black	No	None Detected	Cellulose Fiber 5% Gypsum Quartz Binder/Filler 95%
0147874-016 151	CORRIDOR PUBLIC EXIT-LL	Mastic, Yellow	No	None Detected	Wollastonite 5% Carbonates Gypsum Binder/Filler 95%
0147874-017 152	LL	Floor Leveling Material, White	No	None Detected	Gypsum Quartz Binder/Filler 100%
0147874-018 153	RM 301	12"x12" Floor Tile, Tan	Yes	Chrysotile 3%	Carbonates Gypsum Quartz Binder/Filler 97%
0147874-019 154	RM 301	Carpet Mastic, Yellow	No	None Detected	Synthetic Fiber <1% Gypsum Carbonates Quartz Binder/Filler 99%

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Project Name:	215 MARTIN LUTHER KING JR. BLVD	EPA Method:	EPA 600/R-93/116
Address:		Submitted By:	KIM SOPHA
		Collected By:	

Lab ID Client ID	Sample Location	Layer Name / Sample Description	Asbestos Detected	Asbestos Type (%)	Non-Asbestos Constituents
0147874-020 155	RM 301	Floor Tile Mastic, Black	No	None Detected	Cellulose Fiber 5% Carbonates Gypsum Quartz Binder/Filler 95%
0147874-021 156	RM 301	Tar Paper, Black	No	None Detected	Cellulose Fiber 60% Synthetic Fiber 6% Gypsum Binder/Filler 34%
0147874-022 157	RM 301	2x4 Ceiling Tile, White/ Beige	No	None Detected	Cellulose Fiber 40% Mineral Wool 40% Carbonates Perlite Binder/Filler 20%
0147874-023 158	PH RM 3RD FL	12"x12" Floor Tile, White	No	None Detected	Carbonates Quartz Binder/Filler 100%
0147874-024 159	PH RM 3RD FL	Floor Tile Mastic, Black	No	None Detected	Cellulose Fiber 10% Gypsum Carbonates Binder/Filler 90%
0147874-025 160	RM 328	Carpet Mastic, Black/ Brown Note: Very small amount of black mastic	No	None Detected	Cellulose Fiber 10% Synthetic Fiber 2% Carbonates Gypsum Binder/Filler 88%
0147874-026 161	RM 208	9"x9" Floor Tile, Tan	Yes	Chrysotile 10%	Carbonates Gypsum Quartz Binder/Filler 90%

**EMC LABS, INC.**

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Laboratory Report  
**0147874**

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NVLAP#101926-0

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	POYNETTE WI 53955	Date Analyzed:	10/28/2014
Collected:	10/22/2014	Date Reported:	10/28/2014
Project Name:	215 MARTIN LUTHER KING JR. BLVD	EPA Method:	EPA 600/R-93/116
Address:		Submitted By:	KIM SOPHA
		Collected By:	

Lab ID Client ID	Sample Location	Layer Name / Sample Description	Asbestos Detected	Asbestos Type (%)	Non-Asbestos Constituents
0147874-027 162	RM 208	Floor Tile Mastic, Black	Yes	Chrysotile 5%	Cellulose Fiber 3% Carbonates Gypsum Quartz Binder/Filler 92%
0147874-028 163	EAST STAIRWAY 1ST FL	12"x12" Floor Tile, Beige	Yes	Chrysotile 3%	Carbonates Gypsum Quartz Binder/Filler 97%
0147874-029 164	EAST STAIRWAY 1ST FL	Floor Tile Mastic, Black	Yes	Chrysotile 5%	Cellulose Fiber 3% Carbonates Gypsum Quartz Binder/Filler 92%
0147874-030 165	WATER METER RM- LL	TSI-Water Heater, White	Yes	Chrysotile 25%	Gypsum Carbonates Binder/Filler 75%
0147874-031 166	BOILER RM TANK- LL	TSI-Tank, White	Yes	Chrysotile 25%	Gypsum Carbonates Binder/Filler 75%
0147874-032 167	BOILER RM-LL	TSI-Filling In, White	Yes	Chrysotile 25%	Gypsum Carbonates Binder/Filler 75%

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Laboratory Report  
**0147874**

**Bulk Asbestos Analysis by Polarized Light Microscopy**

NVLAP#101926-0

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Address:	N4381 US HWY 51	Date Received:	10/23/2014
	POYNETTE WI 53955	Date Analyzed:	10/28/2014
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Project Name:	215 MARTIN LUTHER KING JR. BLVD	EPA Method:	EPA 600/R-93/116
Address:		Submitted By:	KIM SOPHA
		Collected By:	

Lab ID Client ID	Sample Location	Layer Name / Sample Description	Asbestos Detected	Asbestos Type (%)	Non-Asbestos Constituents
0147874-033 168	ALU WINDOW FRAMES EXTERIOR DOCK-	Caulking, Brown	No	None Detected	Carbonates Gypsum Quartz Binder/Filler 100%
0147874-034 169	EAST WALL DOCK- LL	Expansion Joint Caulking, Brown	No	None Detected	Carbonates Gypsum Quartz Binder/Filler 100%
0147874-035 170	UNDER STAIRWAY TO WILSON ST.-LL	Window Frame Caulk, Gray	No	None Detected	Carbonates Gypsum Quartz Binder/Filler 100%
0147874-036 171	WALL NEXT TO WILSON ST.-LL	Caulking, Gray	Yes	Chrysotile 5%	Gypsum Carbonates Binder/Filler 95%
0147874-037 172	DECORATIVE STONE NEXT TO WILSON ST.-LL	Caulking, Gray	No	None Detected	Carbonates Gypsum Quartz Binder/Filler 100%
0147874-038 173	MLK GRAY-1ST	Side Walk Caulking, Gray	No	None Detected	Carbonates Quartz Binder/Filler 100%

**EMC LABS, INC.**

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 Phone: 800-362-3373 or 480-940-5294 - Fax: (480) 893-1726

Laboratory Report  
**0147874**

**Bulk Asbestos Analysis by Polarized Light Microscopy**

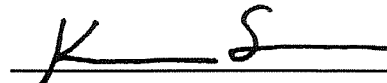
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Client:	A & A ENVIRONMENTAL, INC.	Job# / P.O. #:	3743
Address:	N4381 US HWY 51	Date Received:	10/23/2014
	POYNETTE WI 53955	Date Analyzed:	10/28/2014
Collected:	10/22/2014	Date Reported:	10/28/2014
Project Name:	215 MARTIN LUTHER KING JR. BLVD	EPA Method:	EPA 600/R-93/116
Address:		Submitted By:	KIM SOPHA
		Collected By:	

Lab ID Client ID	Sample Location	Layer Name / Sample Description	Asbestos Detected	Asbestos Type (%)	Non-Asbestos Constituents
0147874-039 174	MLK ENTRANCE (3DD)-1ST	Door Frame Caulk, Gray	Yes	Chrysotile 5%	Carbonates Quartz Binder/Filler 95%
0147874-040 175	PO LARGE OH DOOR-1ST	Door Frame Caulk, Gray	Yes	Chrysotile 5%	Gypsum Carbonates Quartz Binder/Filler 95%



Analyst - Kurt Kettler



Signatory - Lab Manager - Ken Scheske

Distinctly stratified, easily separable layers of samples are analyzed as subsamples of the whole and are reported separately for each discernible layer. All analyses are derived from calibrated visual estimate and measured in area percent unless otherwise noted. The report applies to the standards or procedures identified and to the sample(s) tested. The test results are not necessarily indicated or representative of the qualities of the lot from which the sample was taken or of apparently identical or similar products, nor do they represent an ongoing quality assurance program unless so noted. These reports are for the exclusive use of the addressed client and that they will not be reproduced wholly or in part for advertising or other purposes over our signature or in connection with our name without special written permission. The report shall not be reproduced except in full, without written approval by our laboratory. The samples not destroyed in testing are retained a maximum of thirty days. The laboratory measurement of uncertainty for the test method is approximately less than 1 by area percent. Accredited by the National Institute of Standards and Technology, Voluntary Laboratory Accreditation Program for selected test method for asbestos. The accreditation or any reports generated by this laboratory in no way constitutes or implies product certification, approval, or endorsement by the National Institute of Standards and Technology. The report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NST, or any agency of the Federal Government. Polarized Light Microscopy may not be consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials.

**CHAIN OF CUSTODY**

EMC Labs, Inc.  
 9830 S. 51<sup>st</sup>, Ste B-109  
 Phoenix, AZ 85044  
 (800) 362-3373 Fax (480) 893-1726

LAB#: 147874  
 TAT: 3day  
 Rec'd OCT 23 P.M.

COMPANY NAME: A & A ENVIRONMENTAL INC.  
N4381 US Hwy 51  
Poynette, WI 53955  
 CONTACT: Kim Sopha Scan & Email COC  
 Phone/Fax: (608) 576-4960 / (608) 635-9717  
 Email: bisopha@aol.com, aaenvinc@aol.com, rsopha@aaenv.com

BILL TO: \_\_\_\_\_  
 (If Different Location)  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

Now Accepting: **VISA - MASTERCARD** Price Quoted: \$ \_\_\_\_\_ / Sample \$ \_\_\_\_\_ / Layers

**COMPLETE ITEMS 1-4: (Failure to complete any items may cause a delay in processing or analyzing your samples)**

1. **TURNAROUND TIME:** [Same Day RUSH] [1-Day] [2-Day] (3-4-5-Day) [6-10 Day]

\*\*\*\*Prior confirmation of turnaround time is required  
 \*\*\*\*Additional charges for rush analysis (please call marketing department for pricing details)  
 \*\*\*\*Laboratory analysis may be subject to delay if credit terms are not met

2. **TYPE OF ANALYSIS:** (Bulk-PLM) [Air-PCM] [Lead] [Point Count] [Fungi: AOC, W-C, Bulk, Swab, Tape]

3. **DISPOSAL INSTRUCTIONS:** [Dispose of samples at EMC] / [Return samples to me at my expense]  
 (If you do not indicate preference, EMC will dispose of samples 30 days from analysis.)

4. Project Name: 215 Martin Luther King Jr Blvd  
 P.O. Number: \_\_\_\_\_ Project Number: 3743

EMC SAMPLE #	CLIENT SAMPLE #	DATE & TIME SAMPLED	LOCATION/MATERIAL TYPE	Samples Accepted Yes / No	AIR SAMPLE INFO / COMMENTS		
					ON	OFF	FLOW RATE
<u>6</u>	<u>136</u>	<u>10/22</u>		<u>Y</u> N			
				<u>Y</u> N			
				<u>Y</u> N			
				<u>Y</u> N			
				<u>Y</u> N			
<u>40</u>	<u>175</u>			<u>0</u> N			
				<u>Y</u> N			
				<u>Y</u> N			
				<u>Y</u> N			
				<u>Y</u> N			
				<u>Y</u> N			
				<u>Y</u> N			
				<u>Y</u> N			
				<u>Y</u> N			

SPECIAL INSTRUCTIONS: Point Count if <1% or trace unless otherwise specified on COC

Sample Collector: (Print) \_\_\_\_\_ (Signature) \_\_\_\_\_

Relinquished by: \_\_\_\_\_ Date/Time: \_\_\_\_\_ Received by: Diana Federico Date/Time: 10/23/14

Relinquished by: Diana Federico Date/Time: 10/23/14 Received by: [Signature] Date/Time: 10/23/14

Relinquished by: \_\_\_\_\_ Date/Time: \_\_\_\_\_ Received by: \_\_\_\_\_ Date/Time: \_\_\_\_\_

\*\* In the event of any dispute between the above parties for these services or otherwise, parties agree that jurisdiction and venue will be in Phoenix, Arizona and prevailing party will be entitled to attorney's fees and court costs.

23 5



**EMC LABS, INC.**

9830 S. 51st Street, Suite B109, Phoenix, AZ 85044  
 Phone: 800-362-3373 or 480-940-5294 - Fax: (480) 893-1726

Laboratory Report  
**0147958**

**Bulk Asbestos Analysis by Polarized Light Microscopy**

NVLAP#101926-0

Client:	A & A ENVIRONMENTAL, INC.	Job# / P.O. #:	3743
Address:	N4381 US HWY 51	Date Received:	10/27/2014
	POYNETTE WI 53955	Date Analyzed:	10/28/2014
Collected:	10/24/2014	Date Reported:	10/28/2014
Project Name:	215 MARTIN LUTHER KING JR. BLVD	EPA Method:	EPA 600/R-93/116
Address:		Submitted By:	KIM SOPHA
		Collected By:	

Lab ID Client ID	Sample Location	Layer Name / Sample Description	Asbestos Detected	Asbestos Type (%)	Non-Asbestos Constituents
0147958-001 181	HOUSING 1ST FL	Drywall Backing, Blue	No	None Detected	Cellulose Fiber 95% Carbonates Binder/Filler 5%
0147958-002 182	HOUSING 1ST FL	Plaster-Top Coat, White	No	None Detected	Quartz Carbonates Mica Binder/Filler 100%
0147958-003 183	HOUSING 1ST FL	Plaster - Base Coat/ Paint, White	No	None Detected	Carbonates Quartz Gypsum Mica Binder/Filler 100%
0147958-004 184	HOUSING 1ST FL	2x2 Ceiling Tile, White/ Gray	No	None Detected	Mineral Wool 40% Cellulose Fiber 35% Carbonates Gypsum Perlite Quartz Binder/Filler 25%
0147958-005 185	HOUSING 1ST FL	TSI Fitting, Gray	No	None Detected	Mineral Wool 30% Carbonates Gypsum Diatoms Mica Binder/Filler 70%
0147958-006 186	HOUSING 1ST FL	Duct Mastic, Gray	No	None Detected	Carbonates Gypsum Binder/Filler 100%

**EMC LABS, INC.**

9830 S. 51st Street, Suite B109, Phoenix, AZ 85044  
 Phone: 800-362-3373 or 480-940-5294 - Fax: (480) 893-1726

Laboratory Report  
**0147958**

**Bulk Asbestos Analysis by Polarized Light Microscopy**

NVLAP#101926-0

Client:	A & A ENVIRONMENTAL, INC.	Job# / P.O. #:	3743
Address:	N4381 US HWY 51	Date Received:	10/27/2014
	POYNETTE WI 53955	Date Analyzed:	10/28/2014
Collected:	10/24/2014	Date Reported:	10/28/2014
Project Name:	215 MARTIN LUTHER KING JR. BLVD	EPA Method:	EPA 600/R-93/116
Address:		Submitted By:	KIM SOPHA
		Collected By:	

Lab ID Client ID	Sample Location	Layer Name / Sample Description	Asbestos Detected	Asbestos Type (%)	Non-Asbestos Constituents
0147958-007 187	HOUSING 1ST FL	Duct Mastic, Gray	No	None Detected	Carbonates Gypsum Quartz Binder/Filler 100%
0147958-008 188	HOUSING 1ST FL	Wall Texture, White/ Off White	No	None Detected	Carbonates Mica Quartz Binder/Filler 100%
0147958-009 189	HOUSING 1ST FL	Carpet Mastic, Black	Yes	Chrysotile 4%	Cellulose Fiber 2% Carbonates Quartz Binder/Filler 94%
0147958-010 190	HOUSING 1ST FL	Carpet Mastic, Yellow/ Black	No	None Detected	Cellulose Fiber 3% Carbonates Quartz Binder/Filler 97%
0147958-011 191	HOUSING 1ST FL	Cove Base, Black	No	None Detected	Carbonates Quartz Binder/Filler 100%
0147958-012 192	HOUSING 1ST FL	Cove Base Mastic, Brown	No	None Detected	Cellulose Fiber <1% Carbonates Gypsum Quartz Binder/Filler 99%

**EMC LABS, INC.**

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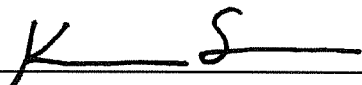
Laboratory Report  
**0147958**

**Bulk Asbestos Analysis by Polarized Light Microscopy**

NVLAP#101926-0

Client:	A & A ENVIRONMENTAL, INC.	Job# / P.O. #:	3743
Address:	N4381 US HWY 51	Date Received:	10/27/2014
	POYNETTE WI 53955	Date Analyzed:	10/28/2014
Collected:	10/24/2014	Date Reported:	10/28/2014
Project Name:	215 MARTIN LUTHER KING JR. BLVD	EPA Method:	EPA 600/R-93/116
Address:		Submitted By:	KIM SOPHA
		Collected By:	

Lab ID	Sample	Layer Name /	Asbestos	Asbestos Type	Non-Asbestos
Client ID	Location	Sample Description	Detected	(%)	Constituents

  
 Analyst - Kenneth Scheske

  
 Signatory - Lab Director - Kurt Kettler

Distinctly stratified, easily separable layers of samples are analyzed as subsamples of the whole and are reported separately for each discernible layer. All analyses are derived from calibrated visual estimate and measured in area percent unless otherwise noted. The report applies to the standards or procedures identified and to the sample(s) tested. The test results are not necessarily indicated or representative of the qualities of the lot from which the sample was taken or of apparently identical or similar products, nor do they represent an ongoing quality assurance program unless so noted. These reports are for the exclusive use of the addressed client and that they will not be reproduced wholly or in part for advertising or other purposes over our signature or in connection with our name without special written permission. The report shall not be reproduced except in full, without written approval by our laboratory. The samples not destroyed in testing are retained a maximum of thirty days. The laboratory measurement of uncertainty for the test method is approximately less than 1 by area percent. Accredited by the National Institute of Standards and Technology, Voluntary Laboratory Accreditation Program for selected test method for asbestos. The accreditation or any reports generated by this laboratory in no way constitutes or implies product certification, approval, or endorsement by the National Institute of Standards and Technology. The report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NST, or any agency of the Federal Government. Polarized Light Microscopy may not be consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials.

**CHAIN OF CUSTODY**  
 EMC Labs, Inc.  
 9830 S. 51<sup>st</sup>., Ste B-109  
 Phoenix, AZ 85044  
 (800) 362-3373 Fax (480) 893-1726

LAB#:	147958
TAT:	1 day
Rec'd:	OCT 27 AM.

COMPANY NAME: A & A ENVIRONMENTAL INC.  
N4381 US Hwy 51  
Poynette, WI 53955

CONTACT: Kim Sopha Scan & Email COC

Phone/Fax: (608) 576-4960 / (608) 635-9717

Email: blsopha@aol.com, aaenvinc@aol.com, rsopha@aaenv.com

BILL TO: \_\_\_\_\_ (If Different Location)

Now Accepting: **VISA – MASTERCARD** Price Quoted: \$ \_\_\_\_\_ / Sample \$ \_\_\_\_\_ / Layers

**COMPLETE ITEMS 1-4: (Failure to complete any items may cause a delay in processing or analyzing your samples)**

1. **TURNAROUND TIME:** [Same Day RUSH] (1-Day) [2-Day] [3-4-5-Day] [6-10 Day]

\*\*\*\*Prior confirmation of turnaround time is required

\*\*\*\*Additional charges for rush analysis (please call marketing department for pricing details)

\*\*\*\*Laboratory analysis may be subject to delay if credit terms are not met

2. **TYPE OF ANALYSIS:** (Bulk-PLM) [Air-PCM] [Lead] [Point Count] [Fungi: AOC, W-C, Bulk, Swab, Tape]

3. **DISPOSAL INSTRUCTIONS:** [Dispose of samples at EMC] / [Return samples to me at my expense]  
 (If you do not indicate preference, EMC will dispose of samples 30 days from analysis.)

4. Project Name: 215 Martin Luther King Jr. Blvd  
 P.O. Number: \_\_\_\_\_ Project Number: 3743

EMC SAMPLE #	CLIENT SAMPLE #	DATE & TIME SAMPLED	LOCATION/MATERIAL TYPE	Samples Accepted Yes / No	AIR SAMPLE INFO / COMMENTS		
					ON	OFF	FLOW RATE
1	181	10/24	Bulk	Y N			
				Y N			
				Y N			
				Y N			
12	192			Y N			
				Y N			
				Y N			
				Y N			
				Y N			
				Y N			
				Y N			
				Y N			
				Y N			
				Y N			

SPECIAL INSTRUCTIONS: Point Count if <1% or trace unless otherwise specified on COC

Sample Collector: (Print) \_\_\_\_\_ (Signature) \_\_\_\_\_

Relinquished by: \_\_\_\_\_ Date/Time: \_\_\_\_\_ Received by: Diana Federico Date/Time: 10/27/14

Relinquished by: Diana Federico Date/Time: 10/27/14 Received by: [Signature] Date/Time: 10/27/14

Relinquished by: \_\_\_\_\_ Date/Time: \_\_\_\_\_ Received by: \_\_\_\_\_ Date/Time: \_\_\_\_\_

\*\* In the event of any dispute between the above parties for these services or otherwise, parties agree that jurisdiction and venue will be in Phoenix Arizona and prevailing party will be entitled to attorney's fees and court costs.

# A & A Environmental, Inc.

N4381 US Hwy 51 • Poynette, WI 53955  
 Phone: (608) 240-1511 • Mobile Phone: (608) 576-4960 • Pager: (608) 275-5377  
 Fax: (608) 635-9717

CLIENT:	City Of Madison	AA ENV #:	AA3743
LOCATION:	215 Martin Luther King Jr Blvd	SITE DATE	10/21/14
SAMPLE TYPE:	Paint	INSPECTOR	Kim Sopha

Index	Component	Substrate	Side	Color	Floor	Room	Results	PbC
1								2.68
2			CAL		PH		Positive	1
3			CAL		PH		Positive	1
4			CAL		PH		Positive	1.2
5	WALL	CONCRETE	A	WHITE	PH	ELEVATOR RM	Negative	0.2
6	WALL	CONCRETE	A	WHITE	PH	ELEVATOR RM	Negative	0.05
7	WALL	CONCRETE	B	WHITE	PH	ELEVATOR RM	Negative	0.26
8	WALL	CONCRETE	C	WHITE	PH	ELEVATOR RM	Negative	0.3
9	WALL	CONCRETE	D	WHITE	PH	ELEVATOR RM	Negative	0.11
10	WALL	CONCRETE	D	WHITE	PH	ELEVATOR RM	Negative	0.22
11	CEILING	CONCRETE		WHITE	PH	ELEVATOR RM	Negative	0.19
12	FLOOR	CONCRETE		GREY	PH	ELEVATOR RM	Negative	0.6
13	DOOR	CONCRETE		BROWN	PH	ELEVATOR RM	Negative	0.01
14	WALL	CONCRETE	C	WHITE	PH	ELEVATOR RM EXT	Negative	0
15	WALL	CONCRETE	C	WHITE	PH	ELEVATOR RM EXT	Negative	0
16	WALL	CONCRETE	D	WHITE	PH	ELEVATOR RM EXT	Negative	0
17	WALL	CONCRETE	A	WHITE	PH	ELEVATOR RM EXT	Negative	0
18	WALL	CONCRETE	B	WHITE	PH	ELEVATOR RM EXT	Negative	0
19	WINDOW	METAL	B	WHITE	PH	3RD FLOOR HALL	Positive	33.6
20	WINDOW	METAL	B	WHITE	PH	3RD FLOOR HALL	Positive	30.2
21	WALL	PLASTER	B	WHITE	PH	3RD FLOOR HALL	Positive	14
22	WALL	PLASTER	A	WHITE	PH	3RD FLOOR HALL	Positive	14
23	WALL	DRYWALL	C	WHITE	PH	3RD FLOOR HALL	Negative	0.06
24	WALL	PLASTER	D	WHITE	PH	3RD FLOOR HALL	Positive	12.1
25	WALL	PLASTER	A	WHITE	THIRD	3RD FL MENS RR	Positive	11.3
26	WALL	PLASTER	B	WHITE	THIRD	3RD FL MENS RR	Positive	10.7
27	WALL	PLASTER	C	WHITE	THIRD	3RD FL MENS RR	Positive	11.3
28	WALL	PLASTER	D	WHITE	THIRD	3RD FL MENS RR	Positive	11.3
29	WINDOW	METAL	B	WHITE	THIRD	3RD FL MENS RR	Positive	25.2
30	DOOR	WOOD	D	WHITE	THIRD	3RD FL MENS RR	Positive	6.7
31	WALL	WOOD	B	WHITE	THIRD	301	Positive	6.5

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 Fax: (608) 635-9717

CLIENT:	City Of Madison	AA ENV #:	AA3743
LOCATION:	215 Martin Luther King Jr Blvd	SITE DATE	10/21/14
SAMPLE TYPE:	Paint	INSPECTOR	Kim Sopha

32	WALL	WOOD	C	WHITE	THIRD	301	Positive	5.9
33	WALL	WOOD	D	WHITE	THIRD	301	Positive	6.8
34	WALL	WOOD	A	WHITE	THIRD	301	Positive	7.3
35	WINDOW	METAL	B	WHITE	THIRD	301	Positive	17.6
36	WALL	PLASTER	A	WHITE	THIRD	301	Positive	10.4
37	WALL	PLASTER	A	WHITE	THIRD	303	Positive	7.1
38	WALL	PLASTER	B	WHITE	THIRD	303	Positive	7.1
39	WALL	PLASTER	C	WHITE	THIRD	303	Positive	8.1
40	WALL	PLASTER	D	WHITE	THIRD	303	Positive	7.7
41	WINDOW	METAL	C	WHITE	THIRD	303	Positive	5.9
42	WALL	METAL	D	WHITE	THIRD	302	Negative	0
43	WALL	METAL	A	WHITE	THIRD	302	Positive	14.6
44	WALL	METAL	B	WHITE	THIRD	302	Positive	11.2
45	WALL	METAL	C	WHITE	THIRD	302	Positive	9.1
46	WALL	PLASTER	A	WHITE	THIRD	305	Positive	9.2
47	WALL	PLASTER	B	WHITE	THIRD	305	Positive	9.6
48	WALL	PLASTER	C	WHITE	THIRD	305	Positive	10.3
49	WALL	PLASTER	D	WHITE	THIRD	305	Positive	9.7
50	WALL	PLASTER	C	WHITE	THIRD	304	Positive	9.5
51	WALL	PLASTER	D	WHITE	THIRD	304	Negative	0
52	WALL	PLASTER	A	WHITE	THIRD	304	Positive	10.2
53	WALL	PLASTER	B	WHITE	THIRD	304	Negative	0.01
54	WALL	PLASTER	B	WHITE	THIRD	306	Negative	0
55	WALL	PLASTER	C	WHITE	THIRD	306	Positive	10.7
56	WALL	PLASTER	D	WHITE	THIRD	306	Negative	0.04
57	WALL	PLASTER	A	WHITE	THIRD	306	Positive	11.5
58	WALL	WOOD	C	WHITE	THIRD	308	Positive	5.4
59	WALL	WOOD	D	WHITE	THIRD	308	Positive	6.1
60	WALL	WOOD	B	WHITE	THIRD	308	Negative	0.03
61	WALL	WOOD	A	WHITE	THIRD	308	Positive	6.8
62	WALL	DRYWALL	A	WHITE	FIRST	POST OFFICE LOBBY	Negative	0
63	WALL	DRYWALL	C	WHITE	FIRST	POST OFFICE LOBBY	Negative	0

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CLIENT:	City Of Madison	AA ENV #:	AA3743
LOCATION:	215 Martin Luther King Jr Blvd	SITE DATE	10/21/14
SAMPLE TYPE:	Paint	INSPECTOR	Kim Sopha

64	WALL	DRYWALL	D	WHITE	FIRST	POST OFFICE LOBBY	Negative	0
65	WALL	DRYWALL	B	WHITE	FIRST	POST OFFICE LOBBY	Negative	0
66	WALL	DRYWALL	A	WHITE	FIRST	POST OFFICE MAIL RM	Negative	0.01
67	WALL	DRYWALL	B	WHITE	FIRST	POST OFFICE MAIL RM	Negative	0
68	WALL	DRYWALL	C	WHITE	FIRST	POST OFFICE MAIL RM	Negative	0
69	WALL	DRYWALL	D	WHITE	FIRST	POST OFFICE MAIL RM	Negative	0
70	CEILING	PLASTER		WHITE	FIRST	POST OFFICE MAIL RM	Positive	3.8
71	WALL	PLASTER	B	WHITE	THIRD	312	Positive	9.4
72	WALL	PLASTER	C	WHITE	THIRD	312	Positive	10.5
73	WALL	DRYWALL	D	WHITE	THIRD	312	Negative	0
74	WALL	PLASTER	A	WHITE	THIRD	312	Positive	9.9
75	WALL	DRYWALL	B	WHITE	THIRD	314	Negative	0
76	WALL	PLASTER	C	WHITE	THIRD	314	Negative	0.01
77	WALL	DRYWALL	D	WHITE	THIRD	314	Negative	0
78	WALL	PLASTER	C	WHITE	THIRD	314	Positive	10.3
79	WALL	PLASTER	A	WHITE	THIRD	314	Positive	8.2
80	WALL	PLASTER	A	WHITE	THIRD	316	Positive	8.9
81	WALL	DRYWALL	B	WHITE	THIRD	316	Negative	0
82	WALL	PLASTER	C	WHITE	THIRD	316	Positive	12.8
83	WALL	DRYWALL	D	WHITE	THIRD	316	Negative	0
84	WALL	DRYWALL	B	WHITE	THIRD	316	Negative	0
85	WALL	PLASTER	C	WHITE	THIRD	316	Positive	8.1
86	WALL	PLASTER	D	WHITE	THIRD	316	Negative	0
87	WALL	PLASTER	A	WHITE	THIRD	316	Positive	7.8
88	RADIATOR	METAL	A	WHITE	THIRD	316	Negative	0
89	WALL	PLASTER	B	WHITE	THIRD	320	Negative	0.01
90	WALL	PLASTER	C	WHITE	THIRD	320	Positive	8.8
91	WALL	DRYWALL	D	WHITE	THIRD	320	Negative	0
92	WALL	PLASTER	A	WHITE	THIRD	320	Positive	8.7
93	WALL	PLASTER	A	WHITE	THIRD	322	Positive	8.5
94	WALL	DRYWALL	B	WHITE	THIRD	322	Negative	0
95	WALL	PLASTER	C	WHITE	THIRD	322	Positive	10.5

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CLIENT:	City Of Madison	AA ENV #:	AA3743
LOCATION:	215 Martin Luther King Jr Blvd	SITE DATE	10/21/14
SAMPLE TYPE:	Paint	INSPECTOR	Kim Sopha

96	WALL	PLASTER	D	WHITE	THIRD	322	Negative	0.01
97	WALL	PLASTER	A	WHITE	THIRD	324	Positive	9.9
98	WALL	PLASTER	B	WHITE	THIRD	324	Negative	0.02
99	WALL	PLASTER	C	WHITE	THIRD	324	Positive	10.3
100	WALL	PLASTER	D	WHITE	THIRD	324	Positive	9.8
101	WALL	PLASTER	A	WHITE	THIRD	326	Positive	11.8
102	WALL	PLASTER	B	WHITE	THIRD	326	Positive	12.9
103	WALL	PLASTER	C	WHITE	THIRD	326	Positive	10.9
104	WALL	PLASTER	D	WHITE	THIRD	326	Positive	10.9
105	WALL	PLASTER	A	WHITE	THIRD	328	Negative	0
106	WALL	PLASTER	B	WHITE	THIRD	328	Positive	9.8
107	WALL	PLASTER	C	WHITE	THIRD	328	Negative	0
108	WALL	DRYWALL	C	WHITE	THIRD	328	Negative	0
109	WALL	DRYWALL	C	WHITE	THIRD	328	Negative	0
110	WALL	PLASTER	D	WHITE	THIRD	328	Positive	1.7
111	WALL	PLASTER	D	WHITE	THIRD	328	Positive	12.3
112	WALL	DRYWALL	A	WHITE	THIRD	330	Negative	0.01
113	WALL	PLASTER	B	WHITE	THIRD	330	Positive	10
114	WALL	PLASTER	C	WHITE	THIRD	330	Positive	10.2
115	WALL	PLASTER	D	WHITE	THIRD	330	Positive	8.6
116	WALL	PLASTER	A	WHITE	THIRD	330	Positive	8.7
117	WALL	PLASTER	A	WHITE	THIRD	332	Positive	9.6
118	WALL	PLASTER	D	WHITE	THIRD	332	Positive	11.2
119	WALL	PLASTER	C	WHITE	THIRD	332	Positive	9.5
120	WALL	PLASTER	B	WHITE	THIRD	332	Positive	10.1
121	WALL	PLASTER	A	WHITE	THIRD	334	Positive	10.6
122	WALL	PLASTER	D	WHITE	THIRD	334	Positive	11.5
123	WALL	PLASTER	C	WHITE	THIRD	334	Positive	11.1
124	WALL	PLASTER	B	WHITE	THIRD	334	Positive	10.4
125	WINDOW	PLASTER	B	WHITE	THIRD	334	Negative	0
126	WINDOW	METAL	C	WHITE	THIRD	334	Positive	15.3
127	WINDOW	METAL	B	WHITE	THIRD	353	Negative	0



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CLIENT:	City Of Madison	AA ENV #:	AA3743
LOCATION:	215 Martin Luther King Jr Blvd	SITE DATE	10/21/14
SAMPLE TYPE:	Paint	INSPECTOR	Kim Sopha

128	WINDOW	DRYWALL	A	WHITE	THIRD	321	Negative	0
129	WINDOW	PLASTER	D	WHITE	THIRD	321	Positive	5.1
130	WINDOW	PLASTER	C	WHITE	THIRD	321	Positive	5.9
131	WINDOW	DRYWALL	B	WHITE	THIRD	321	Negative	0
132	WALL	DRYWALL	A	WHITE	THIRD	319	Negative	0
133	WALL	PLASTER	D	WHITE	THIRD	319	Positive	6
134	WALL	DRYWALL	C	WHITE	THIRD	319	Negative	0
135	WALL	DRYWALL	B	WHITE	THIRD	319	Negative	0
136	WALL	PLASTER	A	WHITE	THIRD	317	Positive	6.3
137	WALL	DRYWALL	B	WHITE	THIRD	317	Negative	0
138	WALL	DRYWALL	C	WHITE	THIRD	317	Negative	0
139	WALL	PLASTER	D	WHITE	THIRD	317	Positive	6.1
140	WALL	PLASTER	A	WHITE	THIRD	351	Positive	12.7
141	WALL	PLASTER	D	WHITE	THIRD	351	Negative	0.01
142	WALL	PLASTER	C	WHITE	THIRD	351	Positive	12.7
143	WALL	PLASTER	B	WHITE	THIRD	351	Negative	0
144	WALL	PLASTER	A	WHITE	THIRD	304	Positive	8.3
145	WALL	DRYWALL	B	WHITE	THIRD	304	Negative	0.09
146	WALL	DRYWALL	C	WHITE	THIRD	304	Negative	0.14
147	WALL	PLASTER	C	WHITE	THIRD	304	Positive	7.8
148	WALL	PLASTER	D	WHITE	THIRD	304	Positive	6.2
149	WALL	DRYWALL	A	WHITE	THIRD	311	Negative	0
150	WALL	PLASTER	B	WHITE	THIRD	311	Positive	7.2
151	WALL	PLASTER	C	WHITE	THIRD	311	Positive	8.8
152	WALL	PLASTER	D	WHITE	THIRD	311	Positive	6.6
153	WALL	DRYWALL	A	WHITE	SECOND	220	Negative	0
154	WALL	PLASTER	B	WHITE	SECOND	220	Positive	8
155	WALL	PLASTER	D	WHITE	SECOND	220	Positive	7.9
156	WALL	PLASTER	A	WHITE	SECOND	222	Positive	8.6
157	WALL	PLASTER	B	WHITE	SECOND	222	Positive	7.3
158	WALL	PLASTER	C	WHITE	SECOND	222	Positive	8.6
159	WALL	PLASTER	D	WHITE	SECOND	222	Positive	8.1

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 Fax: (608) 635-9717

CLIENT:	City Of Madison	AA ENV #:	AA3743
LOCATION:	215 Martin Luther King Jr Blvd	SITE DATE	10/21/14
SAMPLE TYPE:	Paint	INSPECTOR	Kim Sopha

160	WALL	PLASTER	A	WHITE	SECOND	223	Positive	6.7
161	WALL	PLASTER	B	WHITE	SECOND	223	Positive	8.7
162	WALL	PLASTER	C	WHITE	SECOND	223	Positive	8.3
163	WALL	PLASTER	D	WHITE	SECOND	223	Positive	7
164	WALL	DRYWALL	A	WHITE	SECOND	224	Negative	0.05
165	WALL	PLASTER	B	WHITE	SECOND	224	Positive	8.7
166	WALL	PLASTER	C	WHITE	SECOND	224	Positive	7.3
167	WALL	DRYWALL	D	WHITE	SECOND	224	Negative	0
168	WALL	PLASTER	A	WHITE	SECOND	219	Positive	8
169	WALL	PLASTER	D	WHITE	SECOND	219	Positive	5.5
170	WALL	PLASTER	C	WHITE	SECOND	219	Positive	8.3
171	WALL	WOOD	D	WHITE	SECOND	219	Negative	0
172	WALL	DRYWALL	A	WHITE	SECOND	216	Negative	0
173	WALL	PLASTER	B	WHITE	SECOND	216	Negative	0
174	WALL	PLASTER	C	WHITE	SECOND	216	Positive	6
175	WALL	DRYWALL	D	WHITE	SECOND	216	Negative	0
176	DOOR	METAL	D	WHITE	SECOND	216	Negative	0.03
177	DOOR	METAL	D	WHITE	SECOND	216	Negative	0
178	DOOR	METAL	A	WHITE	SECOND	215	Negative	0
179	WALL	DRYWALL	A	WHITE	SECOND	215	Negative	0.01
180	WALL	DRYWALL	B	WHITE	SECOND	215	Negative	0
181	WALL	PLASTER	C	WHITE	SECOND	215	Positive	2.2
182	WALL	DRYWALL	D	WHITE	SECOND	215	Negative	0
183	WALL	DRYWALL	A	WHITE	SECOND	214	Negative	0
184	WALL	DRYWALL	B	WHITE	SECOND	214	Negative	0
185	WALL	DRYWALL	C	WHITE	SECOND	214	Negative	0
186	WALL	DRYWALL	D	WHITE	SECOND	214	Negative	0
187	WALL	PLASTER	A	WHITE	SECOND	210	Positive	2.7
188	WALL	DRYWALL	B	WHITE	SECOND	210	Negative	0
189	WALL	DRYWALL	C	WHITE	SECOND	210	Negative	0
190	WALL	DRYWALL	D	WHITE	SECOND	210	Negative	0
191	WALL	PLASTER	A	WHITE	SECOND	203	Positive	5.4

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CLIENT:	City Of Madison	AA ENV #:	AA3743
LOCATION:	215 Martin Luther King Jr Blvd	SITE DATE	10/21/14
SAMPLE TYPE:	Paint	INSPECTOR	Kim Sopha

192	WALL	PLASTER	B	WHITE	SECOND	203	Positive	7.4
193	WALL	PLASTER	C	WHITE	SECOND	203	Positive	6.2
194	WALL	PLASTER	D	WHITE	SECOND	203	Positive	7.6
195	WALL	PLASTER	C	WHITE	SECOND	205	Positive	9.9
196	WALL	DRYWALL	D	WHITE	SECOND	205	Negative	0
197	WALL	PLASTER	A	WHITE	SECOND	205	Positive	6
198	WALL	PLASTER	B	WHITE	SECOND	205	Positive	5.9
199	WALL	DRYWALL	B	WHITE	SECOND	206	Negative	0.01
200	WALL	DRYWALL	C	WHITE	SECOND	206	Positive	8.7
201	WALL	PLASTER	C	WHITE	SECOND	206	Positive	7.9
202	WALL	DRYWALL	B	WHITE	SECOND	206	Negative	0
203	WALL	PLASTER	A	WHITE	SECOND	206	Positive	7.7
204	WALL	PLASTER	A	WHITE	SECOND	202	Positive	8
205	WALL	PLASTER	B	WHITE	SECOND	202	Positive	8.7
206	WALL	PLASTER	C	WHITE	SECOND	202	Positive	7.6
207	WALL	PLASTER	D	WHITE	SECOND	202	Positive	7.5
208	WALL	PLASTER	A	WHITE	SECOND	208	Positive	9.9
209	WALL	PLASTER	D	WHITE	SECOND	208	Positive	9.6
210	WALL	PLASTER	C	WHITE	SECOND	208	Positive	8.2
211	WALL	PLASTER	B	WHITE	SECOND	208	Positive	8
212	WALL	PLASTER	B	WHITE	SECOND	209	Positive	7
213	WALL	PLASTER	A	WHITE	SECOND	209	Positive	8.3
214	WALL	PLASTER	C	WHITE	SECOND	209	Positive	8.3
215	WALL	PLASTER	D	WHITE	SECOND	209	Positive	7.3
216	WALL	PLASTER	C	WHITE	SECOND	225	Positive	6.4
217	WALL	PLASTER	D	WHITE	SECOND	225	Positive	8.1
218	WALL	PLASTER	A	WHITE	SECOND	225	Positive	8.4
219	WALL	PLASTER	B	WHITE	SECOND	225	Positive	9
220	WALL	PLASTER	A	GREY	SECOND	231	Positive	3.9
221	WALL	PLASTER	B	GREY	SECOND	231	Positive	3.1
222	WALL	PLASTER	C	GREY	SECOND	231	Positive	3
223	WALL	PLASTER	D	GREY	SECOND	231	Positive	3.4

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CLIENT:	City Of Madison	AA ENV #:	AA3743
LOCATION:	215 Martin Luther King Jr Blvd	SITE DATE	10/21/14
SAMPLE TYPE:	Paint	INSPECTOR	Kim Sopha

224	CEILING	CONCRETE	D	GREY	SECOND	231	Positive	2.8
225	CEILING	CONCRETE	A	WHITE	SECOND	230	Positive	7.7
226	CEILING	CONCRETE	B	WHITE	SECOND	230	Positive	7.9
227	CEILING	CONCRETE	A	WHITE	SECOND	230	Positive	8.4
228	CEILING	CONCRETE	B	WHITE	SECOND	230	Positive	9.4
229	CEILING	CONCRETE	C	WHITE	SECOND	230	Positive	6
230	CEILING	CONCRETE	D	WHITE	SECOND	230	Positive	9.2
231	CEILING	CONCRETE	A	WHITE	SECOND	232	Positive	9.7
232	CEILING	DRYWALL	D	WHITE	SECOND	232	Negative	0
233	CEILING	DRYWALL	C	WHITE	SECOND	232	Negative	0
234	CEILING	DRYWALL	B	WHITE	SECOND	232	Positive	6.7
235	CEILING	PLASTER	B	WHITE	SECOND	232	Positive	7.6
236	WALL	DRYWALL	B	WHITE	SECOND	232	Negative	0
237	WALL	PLASTER	A	WHITE	SECOND	232	Positive	6.7
238	WALL	PLASTER	D	WHITE	SECOND	232	Positive	8.1
239	WALL	PLASTER	C	WHITE	SECOND	232	Positive	7.3
240	WALL	DRYWALL	A	WHITE	SECOND	272	Negative	0.01
241	WALL	PLASTER	B	WHITE	SECOND	272	Positive	9.6
242	WALL	PLASTER	C	WHITE	SECOND	272	Positive	11.1
243	WALL	PLASTER	D	WHITE	SECOND	272	Positive	10.2
244	WALL	DRYWALL	A	WHITE	SECOND	274a	Negative	0
245	WALL	DRYWALL	B	WHITE	SECOND	274a	Negative	0.1
246	WALL	PLASTER	C	WHITE	SECOND	274a	Negative	0.04
247	WALL	PLASTER	D	WHITE	SECOND	274b	Positive	8.3
248	WALL	PLASTER	A	WHITE	SECOND	284	Positive	6.7
249	WALL	PLASTER	D	WHITE	SECOND	284	Positive	9
250	WALL	PLASTER	C	WHITE	SECOND	284	Positive	6.1
251	WALL	DRYWALL	B	WHITE	SECOND	284	Negative	0.01
252	WALL	DRYWALL	B	WHITE	SECOND	285	Negative	0
253	WALL	PLASTER	A	WHITE	SECOND	285	Positive	6.2
254	WALL	PLASTER	D	WHITE	SECOND	285	Positive	6.7
255	WALL	PLASTER	C	WHITE	SECOND	285	Positive	8.2

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CLIENT:	City Of Madison	AA ENV #:	AA3743
LOCATION:	215 Martin Luther King Jr Blvd	SITE DATE	10/21/14
SAMPLE TYPE:	Paint	INSPECTOR	Kim Sopha

256	WALL	DRYWALL	A	WHITE	SECOND	286	Negative	0
257	WALL	DRYWALL	D	WHITE	SECOND	286	Negative	0
258	WALL	PLASTER	C	WHITE	SECOND	286	Positive	6.8
259	WALL	PLASTER	B	WHITE	SECOND	286	Positive	6.6
260	WALL	PLASTER	A	WHITE	SECOND	286	Positive	6.3
261	WALL	PLASTER	A	WHITE	SECOND	282	Positive	6.7
262	WALL	PLASTER	B	WHITE	SECOND	282	Positive	7.3
263	WALL	PLASTER	C	WHITE	SECOND	282	Positive	7.1
264	WALL	DRYWALL	D	WHITE	SECOND	282	Negative	0
265	WALL	DRYWALL	A	WHITE	SECOND	226	Negative	0
266	WALL	DRYWALL	D	WHITE	SECOND	226	Negative	0.01
267	WALL	PLASTER	C	WHITE	SECOND	226	Positive	7.3
268	WALL	PLASTER	B	WHITE	SECOND	226	Positive	9
269	WALL	PLASTER	A	WHITE	SECOND	229	Positive	5.4
270	WALL	PLASTER	B	WHITE	SECOND	229	Negative	0.01
271	WALL	PLASTER	B	WHITE	SECOND	229	Positive	3.7
272	WALL	DRYWALL	C	WHITE	SECOND	229	Negative	0
273	WALL	PLASTER	D	WHITE	SECOND	229	Negative	0.02
274	WALL	PLASTER	D	WHITE	SECOND	218	Positive	6.7
275	WALL	DRYWALL	C	WHITE	SECOND	218	Negative	0.11
276	WALL	PLASTER	A	WHITE	SECOND	218	Positive	7.2
277	WALL	DRYWALL	C	WHITE	SECOND	218	Negative	0.11
278	WALL	DRYWALL	CAL	WHITE	FIRST	CORRIDOR	Positive	1
279	WALL	DRYWALL	CAL	WHITE	FIRST	CORRIDOR	Positive	0.9
280	WALL	DRYWALL	CAL	WHITE	FIRST	CORRIDOR	Positive	1.1
281			CAL				Positive	3.22
282			CAL				Positive	1
283			CAL				Positive	1.1
284			CAL				Positive	1.1
285	WALL	DRYWALL	C	WHITE	FIRST	CU MEETING	Negative	0
286	WALL	DRYWALL	D	WHITE	FIRST	CU MEETING	Negative	0
287	WALL	DRYWALL	A	WHITE	FIRST	CU MEETING	Negative	0

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CLIENT:	City Of Madison	AA ENV #:	AA3743
LOCATION:	215 Martin Luther King Jr Blvd	SITE DATE	10/21/14
SAMPLE TYPE:	Paint	INSPECTOR	Kim Sopha

288	WALL	DRYWALL	B	WHITE	FIRST	CU MEETING	Negative	0
289	WALL	DRYWALL	B	WHITE	FIRST	CU WORK	Negative	0
290	WALL	DRYWALL	C	BLUE	FIRST	CU WORK	Negative	0.01
291	WALL	DRYWALL	D	WHITE	FIRST	CU WORK	Negative	0
292	WALL	DRYWALL	A	WHITE	FIRST	CU WORK	Negative	0
293	WALL	DRYWALL	A	WHITE	FIRST	MAIN LOBBY	Negative	0
294	WALL	DRYWALL	B	WHITE	FIRST	MAIN LOBBY	Negative	0
295	WALL	DRYWALL	C	WHITE	FIRST	MAIN LOBBY	Negative	0
296	WALL	DRYWALL	D	WHITE	FIRST	MAIN LOBBY	Negative	0
297	WALL	DRYWALL	B	WHITE	FIRST	TRANSPORTATION	Negative	0
298	WALL	DRYWALL	A	WHITE	FIRST	TRANSPORTATION	Negative	0
299	WALL	DRYWALL	D	WHITE	FIRST	TRANSPORTATION	Negative	0
300	WALL	DRYWALL	D	WHITE	FIRST	TRANSPORTATION	Negative	0
301	WALL	DRYWALL	C	WHITE	FIRST	TRANSPORTATION	Negative	0
302	WALL	METAL	C	WHITE	FIRST	TRANSPORTATION	Negative	0.02
303	WALL	METAL	C	BLUE	FIRST	TRANSPORTATION	Negative	0
304	WALL	DRYWALL	A	WHITE	FIRST	135	Negative	0
305	WALL	METAL	B	WHITE	FIRST	135	Negative	0
306	WALL	METAL	C	WHITE	FIRST	135	Negative	0
307	WALL	DRYWALL	D	WHITE	FIRST	135	Negative	0
308	WALL	DRYWALL	A	WHITE	FIRST	130	Negative	0
309	WALL	DRYWALL	B	WHITE	FIRST	130	Negative	0
310	WALL	DRYWALL	C	WHITE	FIRST	130	Negative	0
311	WALL	DRYWALL	D	WHITE	FIRST	130	Negative	0
312	WALL	DRYWALL	D	WHITE	FIRST	130	Negative	0
313	WALL	DRYWALL	A	WHITE	BASEMENT	HOUSEKEEPING	Negative	0
314	WALL	DRYWALL	A	grey	BASEMENT	HOUSEKEEPING	Negative	0
315	WALL	DRYWALL	B	grey	BASEMENT	HOUSEKEEPING	Negative	0.01
316	WALL	DRYWALL	C	grey	BASEMENT	HOUSEKEEPING	Negative	0
317	WALL	DRYWALL	D	WHITE	BASEMENT	HOUSEKEEPING	Negative	0
318	WALL	DRYWALL	A	TAN	BASEMENT	MAINT SHOP	Positive	3
319	WALL	PLASTER	A	TAN	BASEMENT	MAINT SHOP	Positive	3.2

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CLIENT:	City Of Madison	AA ENV #:	AA3743
LOCATION:	215 Martin Luther King Jr Blvd	SITE DATE	10/21/14
SAMPLE TYPE:	Paint	INSPECTOR	Kim Sopha

320	WALL	PLASTER	B	TAN	BASEMENT	MAINT SHOP	Positive	5.5
321	WALL	PLASTER	C	TAN	BASEMENT	MAINT SHOP	Negative	0
322	WALL	CONCRETE	D	TAN	BASEMENT	MAINT SHOP	Negative	0
323	WALL	DRYWALL	A	WHITE	BASEMENT	II-140	Negative	0
324	WALL	DRYWALL	B	WHITE	BASEMENT	II-140	Negative	0
325	WALL	DRYWALL	C	WHITE	BASEMENT	II-140	Negative	0
326	WALL	DRYWALL	D	WHITE	BASEMENT	II-140	Negative	0
327	WALL	DRYWALL	A	WHITE	BASEMENT	II-130	Negative	0
328	WALL	DRYWALL	B	WHITE	BASEMENT	II-130	Negative	0
329	WALL	DRYWALL	C	WHITE	BASEMENT	II-130	Negative	0
330	WALL	DRYWALL	D	WHITE	BASEMENT	II-130	Negative	0
331	WALL	DRYWALL	A	WHITE	BASEMENT	MAINT OFFICE	Negative	0
332	WALL	DRYWALL	B	WHITE	BASEMENT	MAINT OFFICE	Negative	0
333	WALL	DRYWALL	C	WHITE	BASEMENT	MAINT OFFICE	Negative	0
334	WALL	DRYWALL	D	WHITE	BASEMENT	MAINT OFFICE	Negative	0
335	WALL	DRYWALL	A	WHITE	BASEMENT	BREAK ROOM	Negative	0
336	WALL	DRYWALL	B	WHITE	BASEMENT	BREAK ROOM	Negative	0
337	WALL	DRYWALL	C	WHITE	BASEMENT	BREAK ROOM	Positive	3.4
338	WALL	DRYWALL	D	WHITE	BASEMENT	BREAK ROOM	Positive	3.2
339	WALL	CONCRETE	A	TAN	BASEMENT	SWITCH GEAR RM	Negative	0.4
340	WALL	CONCRETE	A	TAN	BASEMENT	SWITCH GEAR RM	Positive	0.9
341	WALL	CONCRETE	D	TAN	BASEMENT	SWITCH GEAR RM	Negative	0.1
342	WALL	CONCRETE	D	TAN	BASEMENT	SWITCH GEAR RM	Negative	0.14
343	WALL	CONCRETE	C	TAN	BASEMENT	SWITCH GEAR RM	Negative	0.09
344	WALL	CONCRETE	B	TAN	BASEMENT	SWITCH GEAR RM	Negative	0.11
345	WALL	CONCRETE	A	TAN	BASEMENT	MECHANICAL RM	Negative	0
346	WALL	CONCRETE	B	TAN	BASEMENT	MECHANICAL RM	Positive	1.3
347	WALL	CONCRETE	C	TAN	BASEMENT	MECHANICAL RM	Positive	2
348	WALL	CONCRETE	D	TAN	BASEMENT	MECHANICAL RM	Positive	1.3
349	WALL	DRYWALL	A	WHITE	BASEMENT	HOUSING STORAGE	Negative	0.01
350	WALL	DRYWALL	D	WHITE	BASEMENT	HOUSING STORAGE	Negative	0
351	WALL	DRYWALL	C	WHITE	BASEMENT	HOUSING STORAGE	Negative	0.03

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CLIENT:	City Of Madison	AA ENV #:	AA3743
LOCATION:	215 Martin Luther King Jr Blvd	SITE DATE	10/21/14
SAMPLE TYPE:	Paint	INSPECTOR	Kim Sopha

352	WALL	DRYWALL	D	WHITE	BASEMENT	HOUSING STORAGE	Negative	0
353	WALL	DRYWALL	A	WHITE	BASEMENT	BI STORAGE	Negative	0
354	WALL	DRYWALL	B	WHITE	BASEMENT	BI STORAGE	Negative	0
355	WALL	DRYWALL	D	WHITE	BASEMENT	BI STORAGE	Negative	0
356	WALL	DRYWALL	C	WHITE	BASEMENT	BI STORAGE	Negative	0
357	WALL	CONCRETE	A	WHITE	BASEMENT	VAULT STORAGE	Negative	0
358	WALL	CONCRETE	B	WHITE	BASEMENT	VAULT STORAGE	Negative	0.03
359	WALL	CONCRETE	B	WHITE	BASEMENT	VAULT STORAGE	Positive	4.5
360	WALL	CONCRETE	C	WHITE	BASEMENT	VAULT STORAGE	Positive	4.3
361	WALL	CONCRETE	D	WHITE	BASEMENT	VAULT STORAGE	Negative	0.01
362	DOOR	METAL	D	grey	BASEMENT	VAULT STORAGE	Positive	5
363	WALL	DRYWALL	A	WHITE	BASEMENT	HSKEEPING STORAGE	Negative	0
364	WALL	CONCRETE	B	WHITE	BASEMENT	HSKEEPING STORAGE	Negative	0
365	WALL	DRYWALL	D	WHITE	BASEMENT	HSKEEPING STORAGE	Negative	0
366	WALL	DRYWALL	D	WHITE	BASEMENT	HSKEEPING STORAGE	Negative	0.06
367	WALL	DRYWALL	A	TAN	BASEMENT	HSKEEPING STORAGE	Negative	0
368	WALL	DRYWALL	B	TAN	BASEMENT	HSKEEPING STORAGE	Negative	0
369			CAL				Positive	3.22
370	WALL	DRYWALL	A	TAN	BASEMENT	HSKEEPING STORAGE	Negative	0
371	WALL	DRYWALL	B	TAN	BASEMENT	HSKEEPING STORAGE	Negative	0
372	WALL	DRYWALL	C	TAN	BASEMENT	HSKEEPING STORAGE	Negative	0
373	WALL	DRYWALL	D	TAN	BASEMENT	HSKEEPING STORAGE	Negative	0
374	WALL	DRYWALL	A	TAN	BASEMENT	T&E	Negative	0.01
375	WALL	DRYWALL	B	TAN	BASEMENT	T&E	Negative	0
376	WALL	DRYWALL	C	TAN	BASEMENT	T&E	Negative	0
377	WALL	DRYWALL	D	TAN	BASEMENT	T&E	Negative	0
378	WALL	DRYWALL	A	WHITE	BASEMENT	T&E	Negative	0
379	WALL	DRYWALL	B	WHITE	BASEMENT	T&E	Negative	0
380	WALL	DRYWALL	C	WHITE	BASEMENT	T&E	Negative	0
381	WALL	DRYWALL	D	WHITE	BASEMENT	T&E	Negative	0
382	WALL	DRYWALL	B	WHITE	BASEMENT	BREAK ROOM	Negative	0.01
383	WALL	DRYWALL	C	WHITE	BASEMENT	BREAK ROOM	Negative	0.01



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LOCATION:	215 Martin Luther King Jr Blvd	SITE DATE	10/21/14
SAMPLE TYPE:	Paint	INSPECTOR	Kim Sopha

384	WALL	DRYWALL	C	WHITE	BASEMENT	BREAK ROOM	Negative	0.01
385	WALL	DRYWALL	D	WHITE	BASEMENT	BREAK ROOM	Negative	0
386	WALL	DRYWALL	A	WHITE	BASEMENT	BREAK ROOM	Negative	0
387	WALL	DRYWALL	A	WHITE	BASEMENT	II-110	Negative	0
388	WALL	DRYWALL	B	WHITE	BASEMENT	II-110	Negative	0
389	WALL	DRYWALL	C	WHITE	BASEMENT	II-110	Negative	0
390	WALL	DRYWALL	D	WHITE	BASEMENT	II-110	Negative	0.01
391	WALL	DRYWALL	A	WHITE	BASEMENT	II-120	Negative	0
392	WALL	DRYWALL	B	WHITE	BASEMENT	II-120	Negative	0.04
393	WALL	DRYWALL	C	WHITE	BASEMENT	II-120	Negative	0
394	WALL	DRYWALL	D	WHITE	BASEMENT	II-120	Negative	0
395	WALL	DRYWALL	A	TAN	BASEMENT	PLANNING STORAGE	Negative	0
396	WALL	DRYWALL	B	TAN	BASEMENT	PLANNING STORAGE	Negative	0
397	WALL	DRYWALL	C	TAN	BASEMENT	PLANNING STORAGE	Negative	0
398	WALL	DRYWALL	D	TAN	BASEMENT	PLANNING STORAGE	Negative	0
399	WALL	DRYWALL	A	WHITE	BASEMENT	PLANNING DESK	Negative	0
400	WALL	DRYWALL	B	WHITE	BASEMENT	PLANNING DESK	Negative	0
401	WALL	DRYWALL	C	WHITE	BASEMENT	PLANNING DESK	Negative	0
402	WALL	DRYWALL	D	WHITE	BASEMENT	PLANNING DESK	Negative	0
403	WALL	METAL	A	WHITE	BASEMENT	PLANNING STUDIO	Negative	0.01
404	WALL	METAL	B	WHITE	BASEMENT	PLANNING STUDIO	Negative	0
405	WALL	PLASTER	C	WHITE	BASEMENT	PLANNING STUDIO	Negative	0
406	WALL	DRYWALL	D	WHITE	BASEMENT	PLANNING STUDIO	Negative	0
407	WALL	DRYWALL	D	WHITE	BASEMENT	PLANNING STUDIO	Negative	0
408	WALL	DRYWALL	A	WHITE	BASEMENT	PLANNING STUDIO	Negative	0
409	WALL	DRYWALL	A	WHITE	BASEMENT	ZONING	Negative	0
410	WALL	DRYWALL	B	WHITE	BASEMENT	ZONING	Negative	0.01
411	WALL	DRYWALL	B	WHITE	BASEMENT	ZONING	Negative	0
412	CEILING	PLASTER		TAN	BASEMENT	ZONING	Positive	6.1
413			CAL				Positive	1.1
414			CAL				Positive	1.3
415			CAL				Positive	1

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LOCATION:	215 Martin Luther King Jr Blvd	SITE DATE	10/21/14
SAMPLE TYPE:	Paint	INSPECTOR	Kim Sopha

416						CAL	Positive	2.84
417						CAL	Positive	1.1
418						CAL	Positive	1
419						CAL	Positive	0.9
420	WALL	DRYWALL	B	WHITE		Housing	Negative	0
421	WALL	DRYWALL	C	WHITE		Housing	Negative	0
422	WALL	PLASTER	D	WHITE		Housing	Negative	0
423	WALL	METAL	A	WHITE		Housing	Negative	0
424	WALL	DRYWALL	A	WHITE		Housing	Negative	0
425	WALL	DRYWALL	A	WHITE		Housing	Negative	0
426						CAL	Positive	1.1
427						CAL	Positive	1.1
428						CAL	Positive	1

**SECTION 02 82 13**  
**ASBESTOS ABATEMENT**  
**BASED ON DFD MASTER SPECIFICATION DATED 7/15/05(Rev10/1/2012)**

**PART 1 - GENERAL**

**SCOPE**

Perform all operations in connection with asbestos abatement, encapsulation, removal and related work as shown on drawings and/or specified herein.

**PART 1 - GENERAL**

- Related work
- Description of Work
- References
- Qualifications
- Definitions
- Submittals and Notices
- Site Security
- Emergency Planning
- Preconstruction Meeting
- Delivery, Storage and Handling

**PART 2- PRODUCTS**

- Materials
- Equipment

**PART 3 - EXECUTION**

- General Compliance Measures
- Preparations of Regulated Area
- Decontamination Enclosure System
- Temporary Isolation Partitions
- Maintenance of Enclosure System
- Workplace Entry and Exit Procedures
- Waste Container Pass-Out Procedure
- Water Collection and disposal
- Wet Removal Procedure
- Ceiling System Removal
- Pipe Tunnel or Crawl Space Removal Work
- Flooring Removal
- Small Scale - Short Duration Removal Procedure
- Encapsulation Procedures
- Enclosure Procedure
- Air Monitoring
- Cleanup Procedure
- Disposal Procedures
- Reestablishment of Regulated Area

**RELATED WORK**

See City of Madison Special Provisions, Section D of the contract documents.

**DESCRIPTION OF WORK;**

Removal; The Contractor shall remove all asbestos related items as noted in the contract documents. In the event additional items ore quantities are found in the field the contractor shall notify the City Project Manager immediately and items shall also be removed under the contract.

Encapsulation; this section not used

Enclosure; this section not used

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Special Precautions:

Coordinate all work with the City Project manager and A&A Environmental.

The Contractor shall proceed with preparing the work site for the General Contractor's personnel to mobilize the site and perform required boiler shutdown operations. Work site shall be inspected and cleared by A&A Environmental prior to allowing General Contractor's personnel to enter the site.

Restoration: Refer to section 107.2 of the Special Provisions, Section D of the contract documents.

**REFERENCES**

General Reference:

All work under this contract shall be done in strict accordance with all applicable General and State regulations, standards and codes governing asbestos abatement and any other trade work done in conjunction with the abatement.

The most recent edition of any relevant regulation in force at the time of bid opening shall be in effect. Where conflict among the laws, rules, and regulations or with these specifications exists the most stringent requirements shall be utilized.

The Contractor shall make available, in the clean change area of the worker decontamination system, copies of this specification and all standards, regulations, and codes listed hereinafter.

Specific Reference:

Occupational Safety and Health Administration (OSHA):

Title 29 Code of Federal Regulations, Section 1910.134(d) - air Quality.

Title 29 Code of Federal Regulations, Section 1926.1101- Construction Industry, including the mandatory appendices;

Appendix A - OSHA Reference Method.

Appendix C - Qualitative and Quantitative Fit Testing Procedures.

Appendix D - Medical Questionnaires.

Appendix E - Interpretation and Classification of Chest Roentgenograms.

Nonmandatory appendices:

Appendix B - Detailed Procedures for Asbestos, Tremolite, Anthrophyllite, and Actinolite Sampling and Analysis.

Appendix F - Work Practices and Engineering Controls for Major Asbestos Removal, Renovation, and Demolition Operations.

Appendix G - Work Practices and Engineering Controls for Small Scale, Short Duration Asbestos Renovation and Maintenance Activities.

Appendix H - Substance Technical Information for Asbestos.

Appendix I - Medical Surveillance Guidelines for Asbestos, Tremolite, Anthrophyllite, and Actinolite.

1 Title 29 Code of Federal Regulations, Section 1926.59 - Hazard Communication  
2 Standard. Requires employers to inform their workers of the hazards of any chemicals  
3 used on the project and to train their employees in proper safeguards.

4  
5 Environmental Protection Agency (EPA): Title 40 Code of Federal Regulations (CFR) Part 763  
6 Subpart G - Asbestos Abatement Projects; worker Protection (effective March 27, 1987).

7  
8 Environmental Protection Agency (EPA) Title 40 Code of Federal Regulations (CFR) Part 61 -  
9 National Emission Standards for Hazardous Air Pollutants; Asbestos NESHAP Revision; Final  
10 Rule effective November 20, 1990.

11  
12 Department of Health Services (H & SS) State of Wisconsin Administrative Rule, Chapter HSS  
13 159, Asbestos Certification and Training.

14  
15 Department of Natural Resources (DNR) State of Wisconsin Administrative Rule, Chapter NR  
16 447, procedures for preventing emissions of particulate asbestos material to outside air, warning  
17 signs and waste disposal of asbestos materials.

18  
19 Compressed Gas Association, Inc., New York, Pamphlet G-7, "Compressed Air for Human  
20 Respiration", and Specification G-7.1 "Commodity Specification for Air".

21  
22 Department of Natural Resources (DNR) State of Wisconsin Administrative Rule Chapter NR  
23 506, Landfill Operations Criteria for Disposal of Asbestos Containing Material.

24  
25

26 **QUALIFICATIONS**

27 The prospective Contractor who is proposed to actually perform the asbestos abatement work, shall  
28 submit to the Architect/Engineer the data hereinafter requested within ten (10) days after Bid Opening.  
29 The proposed asbestos abatement Contractor will be awarded a Contract, only if data submitted is  
30 determined to be favorable in all instances, by the Architect/Engineer, and the prospective Contractor  
31 further meets the qualifications requirements specified in the Instructions to Bidders.

32

33 The proposed asbestos abatement Contractor shall, if requested:

34

35 Demonstrate prior experience on asbestos abatement projects of similar nature and scope of that  
36 being bid, through the submission of letters of reference from building owners including the  
37 name, address, and telephone numbers of the contact persons who are specifically familiar with  
38 the referenced projects. At least three previous users of this service shall be submitted. Include  
39 descriptions of projects and records of all air monitoring data that was generated during the  
40 projects.

41

42 Submit a description of all major Asbestos Abatement Equipment owned by the prospective  
43 Contractor which is available for use on this project such as:

44

45 Respiratory protection equipment.

46

47 HEPA vacuum equipment.

48

49 Negative air pressure equipment.

50

51 Spray equipment for amended water.

52

53 Equipment used for shower facilities in decontamination enclosure system.

54

55 Submit a list of names, work responsibilities and evidence of certification for all employees that  
56 will be assigned to this project:

57

58 At least one firm principal, the firm's "competent person" and any other personnel  
59 performing supervisory duties must be certified by the Wisconsin Department of Health

1 Services as having successfully completed a comprehensive 5-day course for Asbestos  
2 Abatement Contractors and Supervisors in conformance with Wisconsin Administrative  
3 Code DHS 159.

4  
5 Contractor's employees who perform asbestos abatement activities must be certified by  
6 the Wisconsin Department of Health Services as having successfully completed a  
7 comprehensive 4-day course for Asbestos Abatement Workers in conformance with  
8 Wisconsin Administrative Code DHS 159.

9  
10 **DEFINITIONS**

11 ACGIH: American Conference of Governmental Industrial Hygienists

12  
13 AIHA: American Industrial Hygiene Association

14  
15 Air Monitoring: The process of measuring the fiber content of a known volume of air collected during a  
16 specific period of time shall conform with Appendix A to OSHA 29 CFR 1926.1101. The procedure  
17 normally utilized for asbestos follows the NIOSH Standard Analytical Method 7400 for Asbestos in Air.  
18 For clearance air monitoring, electron microscopy methods may be utilized for lower detectability limit  
19 and specific fiber identification.

20  
21 Air Sampling Professional: The Professional contracted or employed by the Division to supervise and  
22 conduct air monitoring and analysis schemes. This individual shall not be affiliated in any way other than  
23 through this contact with the Contractor performing the abatement work.

24  
25 ANSI: American National standards Institute

26  
27 Asbestos: Means the asbestiform varieties of chrysotile (serpentine); crocidolite (riebeckite); amosite  
28 (cummingtonite-grunerite); tremolite; anthrophyllite, and actinolite.

29  
30 Asbestos Containing Material (ACM): Material composed of asbestos of any type and in an amount  
31 greater than 1%, either alone or mixed with other fibrous or nonfibrous materials.

32  
33 Asbestos Containing Waste Material: Asbestos containing material or asbestos contaminated objects  
34 requiring disposal.

35  
36 ASTM: American Society for Testing and Materials

37  
38 Authorized Visitor: The Building Owner (and designated representatives) and any representative of a  
39 regulatory agency having jurisdiction over the project.

40  
41 Certified Industrial Hygienist (CIH): An industrial hygienist certified in Comprehensive Practice by the  
42 American Board of Industrial Hygiene.

43  
44 Competent Person: Means an employee of the asbestos abatement contractor who is capable of  
45 identifying existing asbestos hazards in the workplace and who has the authority to take prompt corrective  
46 measures to eliminate them pursuant to OSHA 1926.1101(b).

47  
48 Decontamination Enclosure: A decontamination system consisting of a clean room, a shower room, and  
49 an equipment room separated from each other and from the regulated area by airlocks. This system is  
50 used for all workers to enter and exit the regulated area and may also serve as equipment and waste pass  
51 out on small jobs.

52  
53 Department of Natural Resources (DNR): A Wisconsin state agency that is responsible for enforcement  
54 of Chapter NR 447.

55  
56 Encapsulation: The application of a bridging or penetrating liquid material to asbestos containing  
57 materials to control the release of asbestos fibers into the air. The bridging liquid material creates a  
58 membrane over the surface and the penetrating liquid material seeps through the surface and binds all  
59 components together.

60  
61 Enclosure: The construction of an airtight, impermeable, permanent barrier around asbestos containing  
62 material to control the release of asbestos fibers into the air.

1  
2 EPA: U. S. Environmental Protection Agency

3  
4 Glovebag Technique: A method with limited applications for removing small amounts of friable  
5 asbestos-containing material from ducts, short piping runs, valves, joints, elbows, and other nonplanar  
6 surfaces in a noncontained (plasticized) regulated area. The glovebag is constructed and installed in such  
7 a manner that it surrounds the object or material to be removed and contains all asbestos fibers released  
8 during the process.

9  
10 HEPA Filter: A high efficiency particulate air filter capable of removing particles 0.3 microns in  
11 diameter with 99.97% efficiency.

12  
13 HEPA Vacuum: A vacuum system equipped with HEPA filtration.

14  
15 NESHAPS National Emission Standards for Hazardous Air Pollutants

16  
17 OSHA: The Occupational Safety and Health Administration

18  
19 Permissible Exposure Limits (PELS): No personnel associated with asbestos abatement work shall be  
20 exposed to an airborne concentration of asbestos in excess of the following limits, as determined by the  
21 method prescribed in Appendix A to OSHA 29 CFR 1926.1101, or by an equivalent method:

22  
23 P.E.L. is 0.1 fiber per cubic centimeter of air as an eight (8) - hour time-weighted average.

24  
25 Excursion Limit (EL) 1.0 fiber per cubic centimeter of air as averaged over a sampling period of  
26 thirty (30) minutes.

27  
28 Regulated Area: An area identified by specific boundaries where airborne concentrations of asbestos  
29 exceed, or can reasonably be expected to exceed the P.E.L. and/or Excursion Limit. The regulated area  
30 may take the form of:

31  
32 A temporary negative-pressure enclosure, or

33  
34 An area specifically identified and segregated in any manner that minimizes the number of  
35 employees exposed to asbestos.

36  
37 Surfactant: A chemical wetting agent added to water to improve penetration.

38  
39 Visible Emissions: Any emissions containing particulate asbestos material that is visually detectable  
40 without the aid of instruments. This does not include condensed uncombined water vapor.

41  
42 Wet Cleaning: The process of eliminating asbestos contamination from building surfaces and objects by  
43 using cloths, mops, or other cleaning utensils which have been dampened with water and afterwards  
44 thoroughly decontaminated or disposed of as asbestos contaminated waste.

45  
46 **SUBMITTALS AND NOTICES**

47  
48 The Contractor shall submit a completed Asbestos/Lead Abatement Certification (Form #DOA-4509) no  
49 later than the end of the seventh calendar day after the bid opening date.

50  
51 Prior to Commencement of Work, Contractor shall:

52  
53 File a "Notification of Demolition and/or Renovation Form 4500-113" with the parties named  
54 hereinafter, when required, at least 10 working days prior to commencement of demolition or  
55 renovation project involving any asbestos-containing material.

56  
57  
58 Air Management Asbestos Coordinator  
59 Department of Natural Resources  
60 P.O. Box 7921  
61 Madison WI 53707-7921  
62

1 File a "Asbestos Project Notification Form 00041" with the parties named hereinafter, when  
2 required, at least 2 working days prior to commencement of renovation project involving any  
3 asbestos-containing material.

4  
5 Department of Health Services  
6 Asbestos/Lead Section, Room 137  
7 P.O Box 2659  
8 Madison, WI 53701-2659  
9

10 Submit the following documentation attached to completed form DOA-4523 prior to commencing work:

11  
12 Manufacturer's information and MSDS for the mastic remover that the Contractor intends to use  
13 for floor tile mastic removal. Mastic remover shall be low odor and shall not contain known  
14 carcinogens.

15  
16 A copy of the asbestos training certification card issued by Wisconsin Department of Health and  
17 Family Services pursuant to DHS 159 for all Contractor employees that will be working on the  
18 project.

19

20 Submit the following documentation at completion of the work:

21

22 Copies of all completed "Transportation and Disposal Manifest" forms for all asbestos waste  
23 materials removed from the regulated area during the abatement process.

24

25 Project Log per DHS 159.21(2)

26

27 Occupant Protection Plan per DHS 159.21(3).

28

29 During Abatement Activities, Contractor shall submit to the Owners Project Representative, if requested:

30

31 Shop drawings for layout and construction of decontamination enclosure systems and barriers for  
32 isolation of the regulated area as detailed in this specification and required by applicable  
33 regulations. If work is to be phased, a phasing schedule shall also be submitted.

34

35 Weekly (or as required) job progress reports detailing abatement activities. Include review of  
36 major problems and action taken, injury reports, equipment breakdown.  
37 Logs documenting filter changes on respirators, HEPA vacuums, negative pressure ventilation  
38 units, local exhaust ventilation systems, and other engineering controls.

39

40 Results of bulk material analysis and air sampling data collected during the course of the  
41 abatement including OSHA compliance air monitoring results.

42

43 Results of materials testing conducted during the abatement for purposes of utilization during  
44 abatement activities (e. g., testing of encapsulant for depth of penetration, testing of materials for  
45 adherence to encapsulated surfaces).

46

47 Contractor shall post at the entrance to the regulated area a list containing the names, addresses,  
48 and telephone numbers of the Contractor, Fire Department and any other personnel who may be  
49 required to be contracted during abatement activities.

50

#### 51 **SITE SECURITY**

52 Contractor shall be responsible for the security of the regulated area(s) during abatement operations in  
53 order to protect work efforts and equipment.

54

55 The regulated area shall be restricted to only authorized, trained, and protected personnel. These may  
56 include the Contractor's employees, employees of subcontractors, state representatives, and any other  
57 designated individuals. A list of authorized personnel shall be established prior to job start and posted in  
58 the clean room of the decontamination facility.

59



1 Contractor shall immediately decontaminate (if required) and evict any unauthorized individual entering  
2 the regulated area and notify the Construction Representative of action taken and identity of the  
3 unauthorized individual.  
4

5 A log book shall be maintained in the clean room area of the decontamination system. Anyone who  
6 enters the regulated area must record name, affiliation, time in, and time out for each entry.  
7

8 Access to the regulated area shall be through a single decontamination system located where shown on  
9 approved Shop Drawings. All other means of access (doors, windows, hallways, etc.) shall be blocked or  
10 locked so as to prevent entry to or exit from the regulated area. The only exceptions to this rule are the  
11 waste pass-out air lock which shall be sealed except during the removal of containerized asbestos waste  
12 from the regulated area, and emergency exits in case of fire or accident. Emergency exits shall not be  
13 locked from the inside, however, they shall be sealed with polyethylene sheeting and tape until needed.  
14

15  
16 **EMERGENCY PLANNING**

17 Written emergency plan shall be submitted through the Owners Project Representative and approved by  
18 the Architect/Engineer prior to the initiation of abatement activities.  
19

20 Emergency procedures shall be in written form and prominently posted in the clean change area and  
21 equipment room of the worker decontamination area. Everyone prior to entering the regulated area must  
22 read and sign these procedures to acknowledge receipt and understanding of work site layout, location of  
23 emergency exits and emergency procedures.  
24

25 Emergency planning shall include notification of police, fire and emergency medical personnel of planned  
26 abatement activities, work schedule and layout of regulated area, particularly barriers that may affect  
27 response capabilities.  
28

29 Emergency planning shall include considerations of fire, explosion, toxic atmospheres, electrical hazards,  
30 slips, trips and falls, confined spaces and heat related injury. Written procedures shall be developed and  
31 employee training in procedures shall be provided.  
32

33 Employees shall be trained in evacuation procedures in the event of workplace emergencies under the  
34 following conditions:  
35

36 For non-lifethreatening situations, employees injured or otherwise incapacitated shall  
37 decontaminate following normal procedures with assistance from fellow workers if necessary,  
38 before exiting the workplace to obtain proper medical treatment.  
39

40 For life-threatening injury or illness, worker decontamination shall take least priority, after  
41 measures to stabilize the injured worker, remove the worker from the workplace and secure  
42 proper medical treatment.  
43

44 Telephone numbers of all emergency response personnel shall be prominently posted in the clean change  
45 area and equipment room, along with the location of the nearest telephone.  
46

47 **PRECONSTRUCTION MEETING**

48 The Contractor shall attend a preconstruction meeting to be conducted at a time and place designated by  
49 the Owners Project Representative. All parties having an active role in asbestos abatement will be in  
50 attendance.  
51

52 The Contractor, Contractor's competent person and other supervisory personnel who will provide on-site  
53 direction of the abatement activities must attend.  
54

1 At this meeting the Contractor shall provide all documentation as required by Article entitled:  
2 "Submittals and Notices," herein. In addition, the Contractor shall be prepared to provide detailed  
3 information concerning:

4  
5 Preparation of regulated area.

6  
7 Personal protective equipment including respiratory protection and protective clothing.

8  
9 Employees who will participate in the project, including delineation of experience, training,  
10 certification, and assigned responsibilities during the project.

11  
12 Decontamination procedures for personnel, regulated area and equipment.

13  
14 Abatement methods and procedures to be utilized.

15  
16 Required air monitoring procedures.

17  
18 Procedures for handling and disposing of waste materials.

19  
20 Procedures for final decontamination and cleanup.

21  
22 A sequence of work and performance schedule.

23  
24 Procedures for dealing with heat stress.

25  
26 Emergency procedures.

27  
28 Methods of adhering plastic sheeting to the surfaces to be covered.

29  
30 **DELIVERY, STORAGE AND HANDLING**

31 Deliver all materials in the original packages, containers or bundles bearing the name of the manufacturer  
32 and the brand name.

33  
34 Damaged, deteriorating or previously used materials shall not be used and shall be removed from the  
35 work site and disposed of properly.

36  
37  
38 **PART 2 - PRODUCTS**

39  
40 **MATERIALS**

41 Polyethylene sheeting for walls and stationary objects shall be a minimum of four (4) mil thick. For  
42 floors and all other uses sheeting of at least six (6) mil thickness shall be used in widths selected to  
43 minimize the frequency of joints.

44  
45 Polyethylene sheeting utilized for decontamination enclosure shall be opaque white or black in color.

46  
47 Flame retardant polyethylene sheeting shall be utilized when working near heat sources.

48  
49 Hardboard or plywood, minimum 1/4 inch thick shall be furnished to protect finished floor surfaces such  
50 as carpet or hardwood floors to prevent damage from scaffolds or falling objects. Such protection shall  
51 also be provided for polyethylene sheeting under the scaffold area if the material being removed has sharp  
52 projections which could readily puncture the enclosure material.

53  
54 Disposal bags shall be of six (6) mil polyethylene, preprinted with labels as required by OSHA  
55 Requirement 29 CFR 1926.1101 (k) (8).

56  
57 Disposal drums for transporting disposal bags shall be metal or fiberboard with locking ring tops.

58  
59 Stick-on labels as per EPA, OSHA or DNR requirements for disposal containers.

1  
2 Surfactant (Wetting Agent):  
3

4 For use with materials containing asbestos identified as "Amosite", shall be a 50/50 mixture of  
5 polyoxyethylene ether and polyoxyethylene ester, mixed in a proportion of one (1) fluid ounce to  
6 five (5) gallons of water or as specified by manufacturer.  
7

8 For all materials containing asbestos identified as "chrysotile", "crocidolite", or types other than  
9 Amosite, shall consist of soapy water mixed in a proportion of two (2) fluid ounces of liquid soap  
10 to five (5) gallons of water.  
11

12 Where regulated area temperature may cause freezing of the amended water solution, the addition  
13 of ethylene glycol in amounts sufficient to prevent freezing is permitted.  
14

15 Asbestos Removal Encapsulant (substitute for surfactant): In lieu of using a wetting agent in water to  
16 control airborne fibers, and asbestos removal encapsulant may be used. Products that meet these needs  
17 are: Serpiflex Shield manufactured by International Protective Coatings Carol 725 Carol Ave., Ocean, NJ  
18 07710; and BWE 5000, by Better Working Environments, Inc., 3716 Scripps Way, Las Vegas, NV  
19 89103; or an approved equal.  
20

21 Encapsulating Material:  
22

23 Bridging type encapsulant (for sealing masonry and concrete walls, barrier surfaces during  
24 cleanup phase and asbestos containing surfaces to remain in place) shall be capable of being  
25 applied with airless spray equipment, able to withstand light impact or abrasion without releasing  
26 fibers, water insoluble when cured, and must retain sufficient integrity after six (6) years to allow  
27 recoating. Products that meet these requirements are: Cable Coating No. 2B by American  
28 Coating Corporation and Decadix Fire Check by Pentagon Plastics.  
29

30 Penetrating type encapsulant (for sealing scratch coat plaster, wood grounds and wood blocking  
31 which have been in contact with asbestos containing material and also exposed ends of pipe  
32 insulation) shall not be noxious or toxic to applicator or subsequent occupants, shall have high  
33 flame retardance and low toxic fume and smoke emission ratings, shall have some permeability to  
34 water vapor to prevent condensation accumulation. Acceptable products are Cafco-Bond-Seal by  
35 U.S.I Mineral, Protector Sealant (32-20 and 32-21) by H.B. Fuller Co., and SK-13 Emulsion by  
36 National Cellulose.  
37

38 **EQUIPMENT**

39 Negative Pressure Ventilation Units:  
40

41 A sufficient quantity of negative pressure ventilation units equipped with HEPA filtration and  
42 operated in accordance with ANSI Z9.2-79 (local exhaust ventilation requirements) and EPA  
43 guidance document EPA 560/5-83-002 Guidance for Controlling Friable Asbestos-Containing  
44 Material in Buildings Appendix F: Recommended Specifications and Operating Procedures for  
45 the Use of Negative Pressure Systems for Asbestos Abatement shall be utilized so as to provide  
46 one workplace air change every 15 minutes.  
47

48 To calculate total air flow requirement:  
49

$$50 \text{ Total Ft}^3/\text{Min.} = \frac{\text{Volume of Regulated area (in Ft}^3\text{)}}{15 \text{ Min.}}$$

52 To calculate the number of units needed for the abatement:  
53

$$54 \text{ Number of Units Needed} = \frac{\text{Total Ft}^3/\text{Min.}}{0.75(\text{Capacity of Unit in Ft}^3/\text{Min.})}$$

55  
56  
57  
58 The air filtering equipment shall be capable of filtering asbestos fibers at 0.3 um at 99.9 percent  
59 efficiency. Prefilters, which protect the final filter by removing the larger particles, are required  
60 to prolong the operating life of the HEPA filter. Two stages of prefiltration are required. The  
61 first-stage prefilter shall be a low efficiency type (e.g., for particles 10 um and larger). The  
62 second-stage (or intermediate) filter shall have a medium efficiency (e.g., effective for particles  
63 down to 5 um). Prefilters and intermediate filters shall be installed either on or in the intake grid  
64 of the unit and held in place with special housings or clamps.

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Exhaust air from the regulated area shall maintain a negative pressure of 0.02 inches of water (head). The ventilation shall operate on a 24 hours basis throughout the abatement process until final clearance has been approved.

Air Purifying Respirators:

Respirator bodies shall be of half face or full face type with removable cartridges. Single use, disposable or quarter face respirators shall not be used. Full face respirators shall be equipped with a nose cup or other anti fogging devices as would be appropriate for use in air temperatures less than 32 degrees F.

Filter cartridges shall, at a minimum, be HEPA type filters certified by NIOSH under 30 CFR Part 11 or with filters certified for particulates under 42 CFR Part 84.

Supplied Air Respirator System:

The equipment used shall be capable of producing air of the quality and volume required by OSHA Standard (29 CFR 1910) Section 1910.134 and Compressed Gas Association, Inc., New York, Pamphlet G-7, "Compressed Air for Human Respiration", and Specification G-7.1 "Commodity Specification for Air", applied to the job site conditions and crew size. The standards above shall be augmented by provisions of this specification with the more stringent standard governing.

Face piece and hose shall be by same manufacturer and shall be certified by NIOSH/MSHA as an approved Type "C" respirator assembly for continuous flow or pressure demand with a positive pressure face piece.

Backup air supply shall be provided that is adequate to allow a minimum of one-half hour escape time for each six man crew. The one-half hour shall be based upon all connections to the backup air supply being in use by an average sized adult male engaged in moderately strenuous activity or by the air requirements of the particular respirator in use is greater.

Warning device shall be located in the regulated area which will be clearly audible in all parts of the regulated area and can be heard above the noise level produced by equipment and work procedures in use. This warning device shall warn of:

Compressor shutdown or other fault requiring use of backup air supply.

Carbon Monoxide (CO) levels in excess of 50 PPM/V over 8 hours.

Carbon Monoxide (C)) levels shall be continually monitored and recorded. This monitor shall be placed in the air line between backup air supply and workers and shall also sound an alarm as specified under "Warning Devices".

The compressor shall automatically be shutdown and the alarms sounded if any of the following occur:

Carbon Monoxide (CO) concentrations exceed 500 PPM/V in the air line between the filter bank and backup air supply.

Compressor temperature exceeds normal operating range.

Compressor motor shall be an electric motor. Compressors driven by gas or diesel engines shall not be used.

An after cooler shall be provided at the entry to the filter system which is capable of reducing temperatures to outside ambient air temperatures.

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System configuration shall permit the recharging of 1/2 hours 2260 PSI SCBA cylinders.

Compressed air systems shall be designed to provide air volumes and pressures to accommodate respirator manufacturer's specifications. The compressed air systems shall have a receiver of adequate capacity to allow escape of all respirator wearers from contaminated areas in the event of compressor failure. Compressors must meet the requirements of 29 CFR 1910.134 (d). Compressors must have an in-line carbon monoxide monitor; periodic inspection of the carbon monoxide monitor must be evidenced. Documentation of adequacy of compressed air systems/respiratory protection system must be retained on site. This documentation will include a list of compatible components with the maximum number and type of respirators that may be used with the system. Periodic testing of compressed air shall insure that systems provide air of sufficient quality (Grade D breathing air as described in Compressed Gas Association Commodity Specifications G-7.1).

Full body disposable protective clothing, including head, body and foot coverings consisting of material impenetrable by asbestos fibers (Tyvek<sup>R</sup> or equivalent) shall be provided to all workers and authorized visitors in sizes adequate to accommodate movement without tearing.

Additional safety equipment, such as hard hats meeting the requirements of ANSI Standard Z89.1-1981, eye protection meeting the requirements of ANSI Standard Z87.1-1979, safety shoes meeting the requirements of ANSI Standard Z41.1-1967, disposable PVC gloves, as necessary, shall be provided to all workers and authorized visitors.

Nonskid footwear shall be provided to all abatement workers. Disposable clothing shall be adequately sealed to the footwear to prevent body contamination.

Provide sufficient supply of disposable mops, rags and sponges for work area decontamination.

Provide scaffolds, ladders, lifts and hand tools such as scrapers, wire cutters, brushes, utility knives, wire saws, as the work requires.

Sprayers with pumps capable of providing 14-15 pounds per square inch (psi) at the nozzle tip at a flow rate of 2 gallons per minute for spraying amended water.

Rubber dust pans and rubber squeegees shall be provided for cleanup.

Brushes utilized for removing loose asbestos containing material shall have nylon or fiber bristles, not metal.

A sufficient supply of HEPA filtered vacuum systems shall be available during cleanup.

Airless spray equipment with an adjustable low pressure nozzle shall be provided for spraying encapsulants. Nozzle tip size and pressure adjustment shall conform to encapsulant manufacturers written recommendations.

Heavy duty power cables for temporary electrical service and a portable electric generator for maintaining negative pressure in the work area in case of power failure.

Warning Signs and Labels: As required OSHA Regulation 29 CFR 1926.1101(k).

Other equipment the Contractor deems necessary for asbestos abatement work shall be submitted to the Architect/Engineer for approval prior to their use.

**PART 3 - EXECUTION**

1 **GENERAL COMPLIANCE MEASURES**

2 Mandatory Protection Conditions: Contractor's employees shall wear appropriate respiratory protection  
3 and protective clothing under the following conditions:

4  
5       During installation or implementation of engineering work practices and control measures.

6  
7       During maintenance and repair activities for which control measures, hereinafter described, are  
8 not feasible.

9  
10       Whenever the control measures are not yet sufficient to reduce exposure below the Permissible  
11 Exposure Limits (TWA and/or Excursion Limits).

12  
13       Whenever emergency conditions exist.

14  
15 Control Measures: The Contractor shall use one or any combination of the following control methods to  
16 achieve compliance with the "Permissible Exposure Limits" defined hereinbefore:

17  
18       Local exhaust ventilation equipped with HEPA filter dust collection systems.

19  
20       General dilution ventilation equipped with HEPA filtration systems on both exhaust and return  
21 air.

22  
23       Vacuum cleaners equipped with HEPA filters.

24  
25       Enclosure or isolation of processes producing airborne asbestos fibers and dust.

26  
27       Use of wet methods, wetting agents or removal encapsulants to control employee exposures  
28 during their performance of asbestos abatement activities. Where wet methods would result in  
29 equipment damage or a safety hazard, dry removal is allowed with written approval from WDNR  
30 pursuant to NR447.08(3)(b).

31  
32       Prompt disposal of wastes contaminated with asbestos in leak-tight containers.

33  
34 Supplement to Control Measures: Whenever the control measures described above are not sufficient to  
35 reduce the employee exposure to or below the "Permissible Exposure Limits" (TWA and/or Excursion  
36 Limit), the Contractor shall continue to use the control measures to maintain the employee exposure to the  
37 lowest levels attainable and supplement them with the use of appropriate respiratory protection and  
38 protective clothing.

39  
40 Negative-Pressure Enclosure: A negative-pressure enclosure shall be employed whenever feasible, prior  
41 to commencing removal, demolition and renovation operations involving asbestos containing materials.

42  
43 Types of Respiratory Protection: The following Table represents the minimum respiratory protection  
44 required for given airborne concentrations of asbestos:

45

Required Respirator

Not in excess of 1 f/cc (10 X PEL)	1. Half-mask air purifying respirator equipped with high-efficiency filters.
Not in excess of 5 f/cc (50 X PEL)	1. Full faceplate air purifying respirator equipped with high-efficiency filters.
Not in excess of 10 f/cc (100 X PEL)	1. Any powered air purifying respirator equipped with high efficiency filters. 2. Any supplied air respirator operated in continuous flow mode.
Not in excess of 100 f/cc (1000 X PEL)	1. Full face piece supplied air respirator operated in pressure demand mode.
Greater than 100 f/cc (1,000 X PEL) or unknown concentration	1. Full face piece supplied air respirator operated in pressure demand mode equipped with an auxiliary positive pressure self-contained breathing apparatus.

1 NOTE: Respirators assigned for higher environmental concentrations may be used at lower  
2 concentrations.

3  
4 A high-efficiency filter means a filter that is at least 99.97 percent efficient against mono-  
5 dispersed particles of 0.3 micrometers in diameter or larger.

6  
7 Employee Rotation: The Contractor shall not use employee rotation as a means of compliance with  
8 Permissible Exposure Limits (TWA and/or Excursion Limit).

9  
10 Supervision: The Contractor shall have a project supervisor on site at all times that only supervises the  
11 project and is responsible to assure contract and regulatory compliance.

12  
13 **PREPARATION OF REGULATED AREA**

14 Post the following warning signs at all approaches to a regulated area per OSHA 1926.110(k)(7). Signs  
15 shall be posted at a distance sufficiently far enough away from the regulated area to permit any person to  
16 read the sign and take the necessary protective measures before entering the area marked by the signs.

17  
18  
19 **DANGER**

20  
21 **ASBESTOS**

22  
23 **CANCER AND LUNG DISEASE HAZARD**

24 **AUTHORIZED PERSONNEL ONLY**

25 Post the Occupant Protection Plan at the entrance to the regulated area per DHS 159.21(3).

26  
27 Post at the entrance to the regulated area a list containing the names, addresses and telephone numbers of  
28 the Contractor, Fire Department and any other personnel who may be required to be  
29 contacted during abatement activities.

30  
31 Maintain Project Log per DHS 159.21(2).

32

## Madison Municipal Building-Asbestos Remediation

1 Shutdown and lock out all heating, cooling and air conditioning system (HVAC) components that are in,  
2 supply or pass through the regulated area. Appropriate equipment and control measures shall be utilized  
3 to prevent contamination of building spaces. Seal all intake and exhaust vents in the work area with tape  
4 and two layers of 6 mil polyethylene. Also seal any seams in system components that pass through the  
5 regulated area.

6  
7 All electrical circuits to the area in which asbestos abatement work is to take place must be disconnected.  
8 The regulated area and other uncontaminated areas that were dependent on the disconnected electrical  
9 circuits shall be serviced by a temporary electrical service provided by owner. In accordance with the  
10 latest issue of the National Electrical Code, temporary electrical service shall be equipped with  
11 combination ground fault interrupted and circuit breakers meeting the requirements of UL for Class A,  
12 Group 1 devices. The ground fault interrupter portion shall be solid state type, insulated and isolated  
13 from the breaker mechanism. A test mechanism shall provide overload and short circuit protection and  
14 shall be operated by a toggle switch with over-center switching mechanism so that contact cannot be held  
15 closed.

16  
17 Preclean all movable objects within the regulated area using a HEPA filtered vacuum or wet cleaning  
18 methods as appropriate. After cleaning, these objects shall be removed from the regulated area and  
19 carefully stored in an uncontaminated location.

20  
21 Preclean all fixed objects in the regulated area using HEPA filtered vacuums or wet cleaning techniques  
22 as appropriate, if contamination is visibly covering them. Careful attention must be paid to machinery  
23 and behind grills or gratings where access may be difficult but contamination significant. Also pay  
24 particular attention to wall, floor and ceiling penetrations behind fixed items. After precleaning, enclose  
25 fixed objects in four (4) mil polyethylene sheeting and seal securely in place with tape.

26  
27 Preclean all surfaces in the regulated area using HEPA filtered vacuums and/or wet cleaning methods as  
28 appropriate. Do not use any methods that would raise dust such as dry sweeping or vacuuming with  
29 equipment not equipped with HEPA filters. Do not disturb asbestos containing materials during the  
30 precleaning phase.

31  
32 Seal off all windows, doorways, elevator openings, corridors, tunnels, entrances, drains, ducts, grills,  
33 grates, diffusers, skylights and any other openings between the regulated area and uncontaminated areas  
34 outside of the regulated area (including the outside of the building, tunnels and crawl spaces) with four (4)  
35 mil polyethylene sheeting and tape.

36  
37 Wall Covering:

38  
39 Where surfacing materials are being removed from overhead, walls shall be covered with two (2) layers  
40 of four (4) mil polyethylene sheeting, starting at top of wall and extending down and across the floor area  
41 until it meets in the center of the floor. Here the covering sheets shall be taped together to form a  
42 monolithic covering which completely encases the regulated area.

43  
44 Polyethylene sheets shall be sized to minimize seams. Seams shall be staggered and separated by a  
45 distance of at least six (6) feet.

46  
47 Wall sheeting shall be secured adequately to prevent it from falling away from the walls. This may  
48 require additional support/attachment when negative pressure ventilation systems are utilized.

49  
50 Floor Covering:

51  
52 The floor area which has previously been covered with sheeting extended from the walls, shall be covered  
53 with one additional layer of six (6) mil (minimum) sheeting. Provide additional protection such as  
54 plywood, canvas, or extra plastic sheeting for floors requiring special protection such as carpeting,  
55 hardwood flooring and tile floors which may be damaged by water leakage, ladder feet or scaffold  
56 wheels. Additional layers of sheeting may be utilized as drop cloths to aid in cleanup of bulk materials.



1  
2 Polyethylene sheets shall be sized to minimize seams. If the floor area necessitates seams, those on  
3 successive layers of sheeting shall be staggered to reduce the potential for water to penetrate to the  
4 flooring material. A distance of at least six (6) feet between seams is sufficient. Do not locate any  
5 parallel seams at wall/floor joints.

6  
7 Floor sheeting shall extend at least 24" up the side walls of the work area.  
8  
9

#### 10 **DECONTAMINATION ENCLOSURE SYSTEM**

11 A decontamination enclosure system shall be provided at each location where workers will enter or exit a  
12 regulated area.  
13

14 Plans for construction, including materials and layout, shall be submitted as shop drawings and approved  
15 by the Architect/Engineer prior to work initiation. Decontamination enclosure systems constructed at the  
16 work site shall utilize six (6) mil opaque black or white polyethylene sheeting or other acceptable  
17 materials for privacy. Detailed descriptions of portable, prefabricated units, if used, must be submitted  
18 for the Architect/Engineer's approval. Plans must include floor plan with dimensions, materials, size,  
19 thickness, plumbing and electrical utilities.  
20

21 The decontamination enclosure system shall consist of at least a clean room, a shower room, and an  
22 equipment room, each separated from each other and from the regulated area by air locks.  
23

24 Entry to and exit from all airlocks and decontamination enclosure system chambers shall be through  
25 curtained doorways consisting of two sheets of overlapping six (6) mil polyethylene sheeting. The curtain  
26 doorway sheets shall be secured at the top and one side opposite each other. All curtains shall have  
27 weights attached to the bottom to insure that they hang straight and maintain a seal over the doorway  
28 when not in use. Doorway designs, providing equivalent protection and acceptable to the  
29 Architect/Engineer may be utilized.  
30

31 Access between any two rooms in the decontamination enclosure system shall be through an airlock with  
32 at least three (3) feet separating each curtained doorway. Pathways into (from clean to contaminated) and  
33 out from (contaminated to clean) the regulated area shall be clearly designated.  
34

35 Clean room shall be sized to adequately accommodate the work crew. Clean disposable clothing,  
36 replacement filters for respirators, disposable towels and other necessary items shall be provided in  
37 adequate supply at the clean room. A location for postings shall also be provided in this area. Whenever  
38 possible, a lockable door shall be used to permit access into the clean room from outside the regulated  
39 area.  
40

41 Shower room shall contain one or more shower heads as necessary to adequately accommodate workers.  
42 Each shower head shall be supplied with hot and cold water adjustable at the tap. The shower enclosure  
43 shall be constructed to insure against leakage of any kind. An adequate supply of soap and disposable  
44 towels shall be supplied by the Contractor and available at all times. Shower water shall be drained,  
45 collected and filtered as specified in the Article entitled: "Water Collection and Disposal," herein.  
46

47 The equipment room shall be used for storage of equipment and tools at the end of a shift after workers  
48 have been decontaminated using a HEPA filtered vacuum and/or wet cleaning techniques as appropriate.  
49 Replacement filters (in sealed containers until used) for HEPA vacuums and negative pressure ventilation  
50 equipment, extra tools, containers or surfactant and other materials and equipment that may be required  
51 during the abatement may also be stored here as needed. A walk-off pan (a small children's swimming  
52 pool or equivalent filled with water) shall be located in the regulated area just outside the equipment room  
53 for workers to clean off foot coverings after leaving the regulated area and prevent excessive  
54 contamination of the worker decontamination enclosure system. A drum lined with a labeled six (6) mil  
55 polyethylene bag for collection of disposable clothing shall be located in this room. Contaminated rubber  
56 boots or other reusable footwear shall be stored in this area for reuse the following workday.

1  
2 Waste Container Pass-Out Airlock:

3  
4 The waste container pass-out airlock shall be constructed at some location away from the worker  
5 decontamination enclosure system. Wherever possible, this shall be located where there is direct access  
6 from the regulated area to the outside of the building.

7  
8 This airlock system shall consist of an airlock, a container staging area, and another airlock with access to  
9 outside the regulated area.

10  
11 The waste container pass-out airlock shall be constructed in similar fashion to the worker  
12 decontamination enclosure system using similar materials and airlock and curtain doorway designs.

13  
14 This airlock system shall not be used to enter or exit the regulated area. The airlock system shall be  
15 tightly sealed when not in use.

16  
17 Emergency exits shall be established and clearly marked with duct tape arrows or other effective  
18 designations to permit easy location from anywhere within the regulated area. They shall be secured to  
19 prevent access from uncontaminated areas, but still permit emergency exiting. These exits shall be  
20 properly sealed with polyethylene sheeting which can be cut to permit egress if needed. These exits may  
21 be through the decontamination enclosure, the waste pass-out airlock, other alternative exits satisfactory  
22 to fire officials.

23  
24 **TEMPORARY ISOLATION PARTITIONS**

25 Large rooms or open areas that require temporary air tight barriers to separate a contaminated regulated  
26 area from an uncontaminated area shall be provided with temporary partitions, constructed in the  
27 following manner:

28  
29 Walls shall be constructed of wood or metal framing to support barriers in all openings larger than 4' x 8'.

30  
31 A sheathing material (plywood, drywall) of at least 3/8" thickness shall be applied to work side of barrier.

32  
33 Cover the work side of partition with a double layer of four (4) mil polyethylene sheeting with staggered  
34 joints and seal in place.

35  
36 Provide at least one (12" x 12") window in the barrier system, where feasible, for the purpose of viewing  
37 into the regulated area. The window shall consist of heavy gauge plastic or clear safety glass. Panes shall  
38 be framed into the barrier system and completely sealed to prevent any leakage of air through the unit.

39  
40 **MAINTENANCE OF ENCLOSURE SYSTEM**

41 Following completion of the construction of all polyethylene barriers and decontamination system  
42 enclosures, initiate negative pressure system and allow overnight settling to insure that barriers will  
43 remain intact and secured to walls and fixtures before beginning actual abatement activities.

44  
45 All polyethylene barriers and decontamination enclosure systems shall be inspected at least twice daily by  
46 the Contractor's competent person prior to the start of each day's abatement activities and following the  
47 completion of the day's abatement activities. Document inspections and observations in the daily project  
48 log.

49  
50 Damage and defects in the enclosure system are to be repaired immediately upon discovery.

51  
52 Use smoke tubes to test the effectiveness of the barrier system when directed by Owners Project  
53 Representative.

1 Anytime during the abatement activities, if visible construction related dust or debris is observed outside  
2 of the regulated area or if damage occurs to barriers, work shall immediately stop, repairs shall be made to  
3 barriers, and debris/residue cleaned up using appropriate HEPA vacuuming and wet mopping procedures.  
4

5 Openings made in the enclosure system to accommodate negative air pressure system shall be made  
6 airtight with tape and caulking as needed. If more than one unit is installed, they should be turned on one  
7 at a time, checking the integrity of wall barriers for secure attachment and need for additional  
8 reinforcement. Insure that adequate power supply is available to satisfy the requirements of the  
9 ventilating and exhaust units. Negative pressure units shall be exhausted to the outside of the building.  
10 They shall not be exhausted into occupied areas of the building. Careful installation and daily inspections  
11 shall be done to insure that the ducting does not release fibers into uncontaminated building areas.  
12

13 Use of enclosure system shall not commence until the following has been accomplished:  
14

15 Enclosure systems have been constructed, inspected, and tested.  
16

17 Negative pressure systems are functioning adequately.  
18

19 All preabatement submissions, notifications, postings and permits have been provided and approved by  
20 the Architect/Engineer, or Construction Representative, as applicable.  
21

22 All equipment for abatement, cleanup and disposal are on hand.  
23

24 All worker training is completed.  
25

26 Contractor has received written notice to commence abatement work from the Division, based on  
27 recommendation of the Owners Project Representative.  
28

### 29 **WORKPLACE ENTRY AND EXIT PROCEDURES**

30 All workers and authorized personnel shall enter the regulated area through the decontamination  
31 enclosure system.  
32

33 All personnel who enter the regulated area must sign the registration log, located in the clean room, both  
34 upon entry and exiting the area.  
35

36 All personnel shall proceed first to the clean room, remove all street clothes, and appropriately don  
37 respiratory protection (as approved for the job conditions) and disposable coveralls, head covering and  
38 foot covering. Hard hats, eye protection and gloves shall also be utilized if required. Clean respirators  
39 and protective clothing shall be provided and utilized by each person for each separate entry into the  
40 regulated area.  
41

42 Personnel wearing designated personal protective equipment shall proceed from the clean room through  
43 the decontamination enclosure system to the regulated area.  
44

45 Before leaving the regulated area all personnel shall remove gross contamination from the outside of  
46 respirators and protective clothing by brushing or wet wiping procedures. (Small HEPA vacuums with  
47 brush attachments may be utilized for this purpose.) Each person shall clean bottoms of protective  
48 footwear in the walk-off pan just prior to entering the equipment room.  
49

50 Personnel shall proceed to equipment room where they remove all protective equipment except  
51 respirators. Deposit disposable clothing into appropriately labeled containers for disposal.  
52

53 Reusable, contaminated footwear shall be stored in the equipment room when not in use in the regulated  
54 area. Upon completion of abatement it shall be disposed of as asbestos contaminated waste. Rubber  
55 boots may be decontaminated at the completion of the abatement for reuse.  
56

1 Still wearing respirators, personnel shall proceed to the shower area, clean the outside of the respirators  
2 and the exposed face area under running water prior to removal of respirator and shower and shampoo to  
3 remove residual asbestos contamination. Various types of respirators will require slight modification of  
4 these procedures. An airline respirator with HEPA filtered disconnect protection may be disconnected in  
5 the equipment room and worn into the shower. A powered air purifying respirator face piece will have to  
6 be disconnected from the filter/power pack assembly which is not waterproof, upon entering the shower.  
7 Cartridges must be in place for each new entry into the regulated area.

8  
9 After showering and drying off, proceed to the clean room and don street clothing even though there will  
10 be later reentry into the regulated area or street clothes if it is the end of the work shift.

11  
12 Workers shall NOT eat, drink, smoke, chew gum or tobacco in the regulated area. To eat, drink or smoke,  
13 workers shall follow the procedure described above, then dress in street clothes before entering the  
14 nonregulated areas of the building.

15  
16 These procedures shall be posted in the clean room and equipment room.

### 17 18 **WASTE CONTAINER PASS-OUT PROCEDURE**

19 Asbestos contaminated waste that has been containerized shall be transported out of the regulated area  
20 through the waste container pass-out airlock (or through the decontamination enclosure if a separate  
21 airlock has not been constructed).

22  
23 The inside team wearing protective clothing and respirators appropriate for the contaminated regulated  
24 area shall clean the entire surface, including bottoms, of properly labeled bags, using HEPA vacuums and  
25 wet wiping techniques and transport them into the waste container pass-out airlock where they will be  
26 placed into another properly labeled bag. No worker from the inside team shall further exit the regulated  
27 area through this airlock.

28  
29 Workers from outside the regulated area wearing appropriately assigned respirators, shall enter the airlock  
30 from outside the regulated area. No worker from the outside team shall further enter the regulated area  
31 through this airlock.

32  
33 The exit from this airlock shall be secured to prevent unauthorized entry.

### 34 35 **WATER COLLECTION AND DISPOSAL**

36 All water resulting from precleaning operation, excess from floor of regulated area and the final cleaning  
37 operation shall be collected and placed in sealed containers for disposal as contaminated material.

38  
39 Water from the decontamination shower shall be collected in a holding tank and filtered to remove  
40 particles of 0.5 microns or larger size before draining water into sanitary sewer system. The drainage and  
41 filtering system shall consist of the following:

42  
43 A centrifugal pump capable of pumping at least 25 gallons/minute.

44  
45 Two filter cartridge housings, one serving as a prefilter, utilizing at least 6 cylindrical 100 micron filters  
46 (reusable type) and the other serving as final filter with 6 cylindrical 0.5 micron filters.

47  
48 Maintain two sets (6 cylinders per set) of 100 micron filters, to allow one set to be cleaned while the other  
49 set is in use.

50  
51 A common garden hose may be connected to final filter housing to drain water to sanitary sewer system.

### 52 53 **WET REMOVAL PROCEDURE**

54 Wet all asbestos containing material with an amended water solution, or removal encapsulant, using  
55 equipment capable of providing a fine spray mist, in order to reduce airborne fiber concentrations when  
56 the material is disturbed. Saturate the material to the substrate. Keep all removed material wet to prevent

1 fiber release until it can be containerized for disposal. If regulated area temperatures are below 32°F. and  
2 amended water is subject to freezing, modify as specified for surfactant in Article entitled: "Materials,"  
3 herein. Maintain a high humidity in the regulated area by misting or spraying to assist in fiber settling  
4 and reduce airborne concentrations.

5  
6 Saturated asbestos containing material shall be removed in manageable sections. Removed material  
7 should be containerized before moving to a new location for continuance of work. Surrounding areas  
8 shall be periodically sprayed and maintained in a wet condition until visible material is cleaned up.

9  
10 Material removed from building structures or components shall not be dropped or thrown to the floor.  
11 Material should be removed as intact sections or components whenever possible and carefully lowered to  
12 the floor. If this cannot be done for materials greater than 50 feet above the floor, a dust-tight chute shall  
13 be constructed to transport the material to containers on the floor or the material may be containerized at  
14 elevated levels (e.g. on scaffolds) and carefully lowered to the ground by mechanical means. For  
15 materials between 15 and 50 feet above the ground they may be containerized at elevated levels or  
16 dropped onto inclined chutes or scaffolding for subsequent collection and containerization.

17  
18 Bags shall be considered full when half their capacity have been filled. They should be securely sealed to  
19 prevent accidental opening and leakage by tying tops of bags in an overhand knot or by taping in  
20 gooseneck fashion. Do not seal bags with wire or cord.

21  
22 Large components removed intact may be wrapped in two (2) layers of six (6) mil polyethylene sheeting  
23 secured with tape for transport to the approved disposal site.

24  
25 Asbestos containing waste with sharp edged components (e.g., nails, screws, metal lath, tin sheeting) shall  
26 be placed into drums for disposal in lieu of polyethylene bags. Drums shall be marked to differentiate  
27 contents from those drums containing bagged material.

28  
29 After completion of all stripping work, surfaces from which asbestos containing materials have been  
30 removed such as plaster base coat or metal deck, etc., the surfaces shall be wet brushed and sponged to  
31 remove all visible residue.

### 32 33 **CEILING SYSTEM REMOVAL**

34 Remove, clean and enclose in polyethylene the ceiling mounted objects such as lights and other items that  
35 may interfere with the abatement process and were not previously cleaned and sealed off. Utilize  
36 localized spraying of amended water, or HEPA vacuums, to reduce fiber dispersal during the removal of  
37 these fixtures.

38  
39 Remove ceiling (tiles) (panels) within the regulated area carefully. If panels are to be reused, vacuum  
40 them with a HEPA filtered vacuum cleaner and carefully damp sponge and wrap cleaned (tiles) (panels)  
41 in four (4) mil polyethylene sheeting and seal with tape. Store as designated by Owners Project  
42 Representative (preferably outside of the regulated area). If (tiles) (panels) are to be discarded it is not  
43 necessary to clean them, but wrap in a similar fashion and stage for disposal in the waste container pass-  
44 out airlock.

45  
46 Where suspended ceiling T-grid components must be removed to perform the abatement, HEPA vacuum  
47 and wet sponge each piece after removal from hangers. Wrap clean grid pieces in four (4) mil  
48 polyethylene sheeting and seal with tape. Store as designated by Owners Project Representative or in  
49 waste staging area if designated for disposal.

50  
51 When removal of ceiling grid suspension system is not necessary for accessibility, to the asbestos  
52 containing materials leave the system in place and clean properly following completion of abatement, as  
53 specified in the Article of this section entitled: "Cleanup Procedure."

54  
55 Remove plaster/drywall ceilings including lath, furring channel system, wire mesh, ties, clips, screws,  
56 nails and other accessory items as necessary and dispose of them as asbestos contaminated waste material.

1 As work progresses, spray ceiling materials and debris with amended water to keep wet until  
2 containerized for disposal.

3  
4 **PIPE TUNNEL OR CRAWL SPACE REMOVAL WORK**

5 A decontamination enclosure shall be provided at the entrance to the pipe tunnel or crawl space. All  
6 requirements for regulated area entry and exit procedures and waste container pass-out procedures, as  
7 hereinbefore specified, shall apply to this work.

8  
9 All openings within the pipe tunnel or crawl space shall be sealed with four (4) mil polyethylene and tape.  
10 The existing surfaces within the space will not be required to be covered with polyethylene sheeting.

11  
12 A negative pressure system shall be required to maintain the security of the work space and the integrated  
13 decontamination enclosure.

14  
15 All loose and fallen asbestos-containing material shall be very carefully cleaned up with an industrial  
16 vacuum equipped with HEPA filter.

17  
18 After asbestos abatement work has been completed in the crawl space or pipe tunnel, all ceiling, wall and  
19 floor surfaces shall be cleaned with the HEPA equipped vacuum. All cleaned surfaces shall be sealed  
20 with an approved encapsulant.

21  
22 **FLOORING REMOVAL**

23 Where flooring removal is specified with the use of solvents to remove flooring adhesive, the substrate  
24 shall have no adhesive residue or debris remaining. Contractor shall wash the substrate with soap and  
25 water to remove all solvent. Contractor shall be responsible for the cost of repair or replacement of any  
26 building components damaged by excessive use of solvents.

27  
28 Where flooring removal is specified without the use of solvents to remove flooring adhesive, the  
29 contractor shall diligently remove adhesive by scraping process so that all trowel marks are removed and  
30 a uniform substrate, smooth to the touch, is attained. Contractor shall coordinate with the flooring  
31 installer to insure that the remaining substrate is suitable for replacement flooring installation.

32  
33 **SMALL SCALE - SHORT DURATION REMOVAL PROCEDURE**

34 Glovebag Method:

35  
36 All workers who are permitted to use the glovebag technique must be trained, experienced and skilled in  
37 this method.

38  
39 All tools and materials that will be required during the removal procedure, shall be placed into the tool  
40 pouch.

41  
42 Glovebag shall be installed so that it completely encompassed the surface where removal work will take  
43 place. The side seams of the glovebag shall be cut the appropriate length to accommodate a size that will  
44 fit over the removal area. The bag shall be placed in position, the edges of the bag shall be folded  
45 together and sealed with tape. All openings in the bag shall be sealed with duct tape (or equivalent  
46 material). The bottom seam of the bag must also be sealed with tape to prevent leakage.

47  
48 Workers performing asbestos removal with glovebag shall wear (as a minimum) half mask dual--cartridge  
49 HEPA--equipped respirator, and full protective clothing to protect against the possibility of accidental  
50 leakage.

51  
52 All material removed within the glovebag shall be thoroughly wetted with wetting agent, or removal  
53 encapsulant, applied with airless sprayer through the side port provided in the bag. After asbestos  
54 containing material has been removed, the exposed base surface must be thoroughly cleaned and wet  
55 wiped until all traces of asbestos-containing material is removed.

56

1 Create constant negative pressure by running a HEPA vacuum hose into bag.

2  
3 Any exposed edges of asbestos-containing that will remain after bag is removed, shall be encapsulated  
4 with a bridging encapsulant to seal the material from releasing fibers to the atmosphere. Provide neatly  
5 beveled and coated terminations where insulation terminates suitable for a butt joint with new insulation.

6  
7 In all glovebag removal settings, all doors, windows and other openings to the functional space must be  
8 sealed with a minimum of four (4) mil polyethylene sheeting. The HVAC system must be shut down.  
9 Once the area is completely sealed off, negative air pressure must be introduced to the entire functional  
10 space.

11  
12 In glove bag settings which involve small scale short duration removal the immediate area shall be  
13 prepared using the following techniques; polyethylene drop cloths (minimum 6 mil) on floor and walls in  
14 a 12 foot perimeter of the removal area, negative air machine present and running in the immediate area.  
15 Glove bag must be placed under variable negative pressure during removal stages. A centralized five  
16 stage decontamination system must be established in the building for this method of glovebag removal.

17  
18 Mini-Enclosure Method:

19  
20 A mini-enclosure may be built around an area which is too large for glovebag method, but is of small-  
21 scale and short duration work and would not warrant large enclosure.

22  
23 The mini-enclosure can be small enough to restrict the space to use by one worker. A small change room  
24 shall be contiguous to the mini-enclosure. The change room shall be a minimum of three (3) feet square.

25  
26 The mini-enclosure shall be constructed by affixing plastic sheeting to existing walls and covering the  
27 floor with plastic sheeting which shall extend up walls at least 24 inches and sealed with tape. If existing  
28 walls are not available, a 2 x 4 wood frame shall be constructed and two (2) layers of six (6) mil  
29 polyethylene sheeting applied to the interior side of frame to allow clean "take-down," at completion.  
30 Sheeting shall be sealed with tape.

31  
32 The change room shall be constructed of 2 x 4 wood framing to which shall be applied two (2) layers of  
33 six (6) mil polyethylene sheeting to interior side of frame and sealed with tape. The change room shall be  
34 provided with double six (6) mil polyethylene curtains at the exit and the entrance to the mini work  
35 enclosure. Both curtains in each opening shall be secured at the top and one side opposite from the other.

36  
37 A hose from a HEPA vacuum shall be extended through the wall of the Mini-Enclosure and the opening  
38 around the hose shall be sealed with tape. The HEPA vacuum shall run continuously during the time  
39 asbestos abatement work is taking place.

40  
41 All abatement work shall be conducted using the wet removal method and all debris from such work shall  
42 be bagged and disposed of as contaminated material. Upon completion, the interior surfaces of the  
43 regulated area shall be cleaned and sprayed with an encapsulant.

44  
45 Worker using the mini-enclosure method shall wear two (2) Tyvek<sup>R</sup> or equivalent disposable work suit  
46 and the appropriate HEPA filtered dual cartridge respiratory protection. Upon completion of the work  
47 and before leaving the change area, worker shall remove outer work suit and then proceed to a shower  
48 that is not contiguous with the work area.

49  
50 The polyethylene enclosure, comprising the regulated area and the change room, shall be collapsed  
51 inwardly, bagged and disposed of as contaminated material.

52  
53 **ENCAPSULATION PROCEDURES**

54 Clean and isolate the regulated area as specified in Article entitled: "Preparation of Regulated Area",  
55 hereinbefore.

56

1 Repair damaged and missing areas of existing materials with nonasbestos-containing substitutes.  
2 Material must adhere adequately to existing surfaces and provide an adequate base for application of  
3 encapsulating agents. Filler material shall be applied in accordance with manufacturer's recommended  
4 specifications.

5  
6 Spray apply with airless equipment with low nozzle pressure to all surfaces where asbestos is removed or  
7 surfaces containing asbestos that are to remain in place. Spray must completely encapsulate any  
8 remaining asbestos, permanently locking it in place.

9  
10 Apply a minimum of one (1) coat with coverage in strict accordance with manufacturer's  
11 recommendations. Surfaces must be dry and free of dirt, oil and dust.

12  
13 **ENCLOSURE PROCEDURE**

14 Clean and isolate the regulated area as specified in Article entitled: "Preparation of Regulated Area"  
15 hereinbefore.

16  
17 Spray areas that will be disturbed during the installation of hangers or other support/framing materials for  
18 the enclosure with water containing the specified surfactant. Keep these areas damp to reduce airborne  
19 fiber concentrations.

20  
21 Remove loose or hanging asbestos containing materials.

22  
23 After installation of hangers and other fixing devices and before installation of enclosure, repair damaged  
24 areas of fireproofing/thermal insulation materials as required using a nonasbestos-containing replacement  
25 material. Prepare surfaces and apply replacement material in accordance with manufacturer's  
26 recommendations.

27  
28 **AIR MONITORING**

29 Daily Personal Air Monitoring (OSHA Compliance):

30  
31 Daily determination of employee exposure shall be made by collecting one or more breathing  
32 zone samples that are representative of the 8-hour TWA, full-shift exposure for each employee in  
33 each regulated area; and one or more breathing zone air samples that are representative of 30-  
34 minute exposures associated with operations that are most likely to produce exposures above the  
35 excursion limit for employees in each regulated area.

36  
37 OSHA P.E.L. As required by 29CFR 1926.1101(c). Within the breathing zone of each worker  
38 category (i.e., wetter, receiver, bagger) 25% of the crew or one per job category.

39  
40 All samples collected shall be analyzed by a laboratory accredited by the American Industrial Hygiene  
41 Association.

42  
43 The Owners Project Representative has the authority to stop the abatement work under the provisions of  
44 the General Conditions of this contract at anytime the Construction Representative determines either  
45 personally or through the services of an air sampling professional that conditions are not in compliance  
46 with the specifications and applicable regulations. The stoppage of work shall continue until conditions  
47 have been corrected and corrective steps have been taken to the satisfaction of the Construction  
48 Representative. Standby time required to resolve violations shall be at the Contractor's expense.

49  
50 **CLEANUP PROCEDURE**

51 Remove and containerize all visible accumulations of asbestos containing material and asbestos  
52 contaminated debris utilizing rubber dust pans and rubber squeegees to move material around. Do not use  
53 metal shovels to pick up or move accumulated waste. Special care shall be taken to minimize damage to  
54 floor sheeting.



1 Wet clean all surfaces in the regulated area using rags, mops and sponges as appropriate. (Note: Some  
2 HEPA vacuums might not be wet-dry vacuums.)  
3

4 Prior to removing the inner layer of plastic sheeting, the sheeting shall be sprayed with an encapsulant, so  
5 that any residue remaining will be adhered to the plastic sheeting.  
6

7 Remove the cleaned inner layer of plastic sheeting from walls and floors. Windows, doors, HVAC  
8 system vents and all other openings shall remain sealed. The negative pressure ventilation units shall  
9 remain in continuous operation. Decontamination enclosure systems shall remain in place and be utilized.  
10

11 Remove all containerized waste from the regulated area and waste container pass-out airlock.  
12

13 The DFD's Project Representative, DNR Representative and the Contractor shall inspect the regulated  
14 area for visible residue. If any accumulation of residue is observed, it will be assumed to be asbestos and  
15 the cleaning cycle shall be repeated.  
16

17 After cleaning the regulated area the Contractor may either spray the remaining barrier material with  
18 encapsulant or, wait at least 24 hours to allow fibers to settle and HEPA vacuum and wet clean all objects  
19 and surfaces in the regulated area again.  
20

21 Decontaminate all tools and equipment and remove at the appropriate time in the cleaning sequence.  
22

### 23 **DISPOSAL PROCEDURES**

24 As the work progresses to prevent exceeding available storage capacity onsite, sealed and labelled  
25 containers of asbestos-containing waste shall be removed and transported directly to the prearranged  
26 disposal location, which must be an authorized site in accordance with regulatory requirements of  
27 NESHAP and Wisconsin Administrative Rule NR 447.13 and NR 506.10. Use of intermediate storage  
28 locations is not accepted disposal procedure. Mark vehicles used to transport asbestos-containing waste  
29 in accordance with Nr 447.12(4)(a)1 to 3. Comply with US DOT Hazardous Material regulations, 49  
30 CFR 171-180.  
31

32 The Contractor shall provide documentation in the form of a transportation and disposal manifest that will  
33 provide a chain-of-custody record of all asbestos-containing waste from project site to the disposal site.  
34 All asbestos-containing waste generated must be accounted for by these records and copies of all such  
35 records shall be delivered to the Construction Representative.  
36

37 Transportation to the Landfill:

38  
39 Contractor shall provide an enclosed lockable waste container, consisting of a truck, trailer or  
40 dumpster, for storage and transportation of waste. The waste container shall be locked while  
41 unattended and during transportation of waste. Once bags have been removed from the regulated  
42 area, they shall be loaded directly into the waste container for transportation.  
43

44 The waste container shall be free of debris and lined with six (6) mil polyethylene sheeting to  
45 prevent contamination from leaking or spilled containers. Floor sheeting shall be installed first  
46 and extend up the side walls. Wall sheeting shall be overlapped and taped into place.  
47

48 Drums shall be placed on level surfaces in the waste container and packed tightly together to  
49 prevent shifting and tipping. Large components shall be secured to prevent shifting and bags  
50 placed on top. Do not throw containers into waste container.  
51

52 Personnel loading asbestos containing waste shall be protected by disposable clothing including  
53 head, body and foot protection and at a minimum, half-face piece, air-purifying, dual cartridge  
54 respirators equipped with HEPA filters.  
55

1 Any debris or residue observed on containers or surfaces outside of the regulated area resulting  
2 from cleanup or disposal activities shall be immediately cleaned up using HEPA filtered vacuum  
3 equipment and/or wet methods.  
4

5  
6 Disposal at the Landfill:  
7

8 Upon reaching the landfill, trucks are to approach the dump location as closely as possible for  
9 unloading of the asbestos containing waste.  
10

11 Bags, drums and components shall be inspected as they are off-loaded at the disposal site.  
12 Damaged containers shall be very carefully taped shut and repacked into drums or bags as  
13 applicable.  
14

15 Waste containers shall be placed on the ground at the disposal site, not pushed or thrown out of  
16 trucks (weight of wet material could rupture bags).  
17

18 Personnel off-loading containers at the disposal site shall wear protective equipment consisting of  
19 disposable head, body and foot protection and, at a minimum, half-face piece, air-purifying, dual  
20 cartridge respirators equipped with HEPA filters.  
21

22 Following the removal of all containerized waste, the truck cargo area shall be decontaminated  
23 using HEPA vacuums and wet methods to meet the no visible residue criteria. Polyethylene  
24 sheeting shall be removed and discarded along with contaminated cleaning materials and  
25 protective clothing, in bags or drums at the disposal site.  
26

27 **REESTABLISHMENT OF REGULATED AREA**

28 Reestablishment of the regulated area shall occur only after completion of cleanup procedures and  
29 documentation has been performed to the satisfaction of the Project Representative.  
30

31 Resecure mounted objects removed from their former positions during area preparation activities.  
32

33 Resecure and relocate objects that were removed to temporary locations back to their original positions.  
34

35 Reestablish HVAC, mechanical and electrical systems in proper working order. Remove potentially  
36 contaminated HVAC system filters and dispose of as asbestos contaminated waste. Decontaminate filter  
37 assembly using HEPA vacuums and wet cleaning techniques.  
38

39  
40 END OF SECTION  
41

42  
43  
44

State of Wisconsin  
Department of Administration  
DOA-4509 (R03/2003)  
Chapters HSS 159 & 163



Division of Facilities Development  
Mailing Address: Post Office Box 7866, Madison, WI  
53707-7866  
Street Addr: 101 E. Wilson Street, 7<sup>th</sup> Floor,  
Madison, WI 53702  
Phone: 608 / 266-2731; FAX: 608 / 267-2710  
<http://www.doa.state.wi.us/dfd>

### Asbestos/Lead Abatement Certification

The apparent low bidder on any project involving asbestos and/or lead abatement activity must provide the following statement notarized and signed by an officer of the firm, before the end of the seventh calendar day after the bid opening.

**Note:** For certified statements 1-3 below: If no exceptions exist, state "None"; otherwise include project(s), date(s), description and resolution for each (attach additional sheets if necessary).

This is to certify that \_\_\_\_\_  
Firm Name

- 1) has not been issued any citations by federal, state or local regulatory agencies relating to asbestos or lead abatement activity, except as follows:  
\_\_\_\_\_
- 2) has not had an asbestos or lead abatement contract terminated prior to completion, except as follows:  
\_\_\_\_\_
- 3) has not been named in any asbestos or lead related legal proceedings/claims in which the firm (or employees scheduled to participate in this project) was involved as contractor or subcontractor, except as follows:  
\_\_\_\_\_
- 4) has all employees or agents who may be exposed to airborne asbestos in excess of the OSHA PEL medically determined to be physically capable of working while wearing the respirator
- 5) will utilize only HEPA vacuums, negative pressure ventilation units and other local exhaust ventilation equipment conforming to ANSI Z9.2-79 and that water filtration unit(s) are used in conformance with manufacturer's specifications
- 6) has notified rental agencies that rental equipment will be used in abatement areas or to transport asbestos contaminated waste, if contractor intends to use rented equipment
- 7) will utilize only NIOSH approved respiratory protective devices and that respirator fit-testing for all contractor employees and agents, who must enter the regulated area, are performed in accordance with procedures as detailed in Title 29 CFR 1926.1101, Appendix C, Qualitative and Quantitative Fit Testing Procedures
- 8) maintains a written hazard communication program indicating how the contractor plans to meet the requirements of OSHA 29 CFR 1926.59 relative to labeling, handling of material safety data sheets and training of employees.

The undersigned states that all of the above information is true and correct to the best of his/her knowledge.

Dated \_\_\_\_\_

\_\_\_\_\_  
Authorized Signature

\_\_\_\_\_  
Printed Name

\_\_\_\_\_  
Title

State of Wisconsin

County \_\_\_\_\_

\_\_\_\_\_  
Firm Name

Signed or attested before me on \_\_\_\_\_ day \_\_\_\_\_, \_\_\_\_\_

By: \_\_\_\_\_ County, WI  
Notary Public

(STAMP OR SEAL)

My Commission Expires \_\_\_\_\_, 20\_\_\_\_.

**SECTION E: BIDDERS ACKNOWLEDGEMENT**

**MADISON MUNICIPAL BUILDING HAZARDOUS MATERIAL REMOVAL  
CONTRACT NO. 7750**

Bidder must state a Unit Price and Total Bid for each item. The Total Bid for each item must be the product of quantity, by Unit Price. The Grand Total must be the sum of the Total Bids for the various items. In case of multiplication errors or addition errors, the Grand Total with corrected multiplication and/or addition shall determine the Grand Total bid for each contract. The Unit Price and Total Bid must be entered numerically in the spaces provided. All words and numbers shall be written in ink.

1. The undersigned having familiarized himself/herself with the Contract documents, including Advertisement for Bids, Instructions to Bidders, Form of Proposal, City of Madison Standard Specifications for Public Works Construction - 2016 Edition thereto, Form of Agreement, Form of Bond, and Addenda issued and attached to the plans and specifications on file in the office of the City Engineer, hereby proposes to provide and furnish all the labor, materials, tools, and expendable equipment necessary to perform and complete in a workmanlike manner the specified construction on this project for the City of Madison; all in accordance with the plans and specifications as prepared by the City Engineer, including Addenda to the Contract Nos. \_\_\_\_\_ through \_\_\_\_\_ issued thereto, at the prices for said work as contained in this proposal. (Electronic bids submittals shall acknowledge addendum under Section E and shall not acknowledge here)
2. If awarded the Contract, we will initiate action within seven (7) days after notification or in accordance with the date specified in the contract to begin work and will proceed with diligence to bring the project to full completion within the number of work days allowed in the Contract or by the calendar date stated in the Contract.
3. The undersigned Bidder or Contractor certifies that he/she is not a party to any contract, combination in form of trust or otherwise, or conspiracy in restraint of trade or commerce or any other violation of the anti-trust laws of the State of Wisconsin or of the United States, with respect to this bid or contract or otherwise.
4. I hereby certify that I have met the Bid Bond Requirements as specified in Section 102.5. *(IF BID BOND IS USED, IT SHALL BE SUBMITTED ON THE FORMS PROVIDED BY THE CITY. FAILURE TO DO SO MAY RESULT IN REJECTION OF THE BID).*
5. I hereby certify that all statements herein are made on behalf of \_\_\_\_\_ (name of corporation, partnership, or person submitting bid) a corporation organized and existing under the laws of the State of \_\_\_\_\_ a partnership consisting of \_\_\_\_\_; an individual trading as \_\_\_\_\_; of the City of \_\_\_\_\_ State of \_\_\_\_\_; that I have examined and carefully prepared this Proposal, from the plans and specifications and have checked the same in detail before submitting this Proposal; that I have fully authority to make such statements and submit this Proposal in (its, their) behalf; and that the said statements are true and correct.

\_\_\_\_\_  
SIGNATURE

\_\_\_\_\_  
TITLE, IF ANY

Sworn and subscribed to before me this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_\_.

\_\_\_\_\_  
(Notary Public or other officer authorized to administer oaths)  
My Commission Expires \_\_\_\_\_

Bidders shall not add any conditions or qualifying statements to this Proposal.

## SECTION F: DISCLOSURE OF OWNERSHIP & BEST VALUE CONTRACTING

### MADISON MUNICIPAL BUILDING HAZARDOUS MATERIAL REMOVAL CONTRACT NO. 7750

State of Wisconsin  
Department of Workforce Development  
Equal Rights Division  
Labor Standards Bureau

## Disclosure of Ownership

<p><b>Notice required under Section 15.04(1)(m), Wisconsin Statutes.</b> The statutory authority for the use of this form is prescribed in Sections 66.0903(12)(d) and 103.49(7)(d), Wisconsin Statutes. The use of this form is mandatory. The penalty for failing to complete this form is prescribed in Section 103.005(12), Wisconsin Statutes. Personal information you provide may be used for secondary purposes.</p>			
<p>(1) On the date a contractor submits a bid to or completes negotiations with a state agency or local governmental unit, on a project subject to Section 66.0903 or 103.49, Wisconsin Statutes, the contractor shall disclose to such state agency or local governmental unit the name of any "other construction business", which the contractor, or a shareholder, officer or partner of the contractor, owns or has owned within the preceding three (3) years.</p> <p>(2) The term "other construction business" means any business engaged in the erection, construction, remodeling, repairing, demolition, altering or painting and decorating of buildings, structures or facilities. It also means any business engaged in supplying mineral aggregate, or hauling excavated material or spoil as provided by Sections 66.0903(3), 103.49(2) and 103.50(2), Wisconsin Statutes.</p> <p>(3) This form must ONLY be filed, with the state agency or local governmental unit that will be awarding the contract, if <b>both (A) and (B) are met.</b></p> <p>(A) The contractor, or a shareholder, officer or partner of the contractor:</p> <p style="margin-left: 20px;">(1) Owns at least a 25% interest in the "other construction business", indicated below, on the date the contractor submits a bid or completes negotiations.</p> <p style="margin-left: 20px;">(2) Or has owned at least a 25% interest in the "other construction business" at any time within the preceding three (3) years.</p> <p>(B) The Wisconsin Department of Workforce Development (DWD) has determined that the "other construction business" has failed to pay the prevailing wage rate or time and one-half the required hourly basic rate of pay, for hours worked in excess of the prevailing hours of labor, to any employee at any time within the preceding three (3) years.</p>			
<b>Other Construction Business</b>			
Not Applicable <input type="checkbox"/>			
Name of Business			
Street Address or P O Box	City	State	Zip Code
Name of Business			
Street Address or P O Box	City	State	Zip Code
Name of Business			
Street Address or P O Box	City	State	Zip Code
<p><b>I hereby state under penalty of perjury that the information, contained in this document, is true and accurate according to my knowledge and belief.</b></p>			
Print the Name of Authorized Officer			
Signature of Authorized Officer		Date Signed	
Name of Corporation, Partnership or Sole Proprietorship			
Street Address or P O Box	City	State	Zip Code

**If you have any questions call (608) 266-0028**

ERD-7777-E (R. 09/2003)

**MADISON MUNICIPAL BUILDING HAZARDOUS MATERIAL REMOVAL  
CONTRACT NO. 7750**

**Best Value Contracting**

1. The Contractor shall indicate the non-apprenticeable trades used on this contract.

---

---

2. Madison General Ordinance (M.G.O.), 33.07(7), does provide for some exemptions from the active apprentice requirement. Apprenticeable trades are those trades considered apprenticeable by the State of Wisconsin. Please check applicable box if you are seeking an exemption.

- Contractor has a total skilled workforce of four or less individuals in all apprenticeable trades combined.
- No available trade training program; The Contractor has been rejected by the only available trade training program, or there is no trade training program within 90 miles.
- Contractor is not using an apprentice due to having a journey worker on layoff status, provided the journey worker was employed by the contractor in the past six months.
- First-time Contractor on City of Madison Public Works contract requests a onetime exemption but intends to comply on all future contracts and is taking steps typical of a "good faith" effort.
- Contractor has been in business less than one year.
- Contractor doesn't have enough journeyman trade workers to qualify for a trade training program in that respective trade.
- An exemption is granted in accordance with a time period of a "Documented Depression" as defined by the State of Wisconsin.

3. The Contractor shall indicate on the following section which apprenticeable trades are to be used on this contract. Compliance with active apprenticeship, to the extent required by M.G.O. 33.07(7), shall be satisfied by documentation from an applicable trade training body; an apprenticeship contract with the Wisconsin Department of Workforce Development or a similar agency in another state; or the U.S Department of Labor. This documentation is required prior to the Contractor beginning work on the project site.

- The Contractor has reviewed the list and shall not use any apprenticeable trades on this project.

**LIST APPRENTICABLE TRADES** (check all that apply to your work to be performed on this contract)

- BRICKLAYER
- CARPENTER
- CEMENT MASON / CONCRETE FINISHER
- CEMENT MASON (HEAVY HIGHWAY)
- CONSTRUCTION CRAFT LABORER
- DATA COMMUNICATION INSTALLER
- ELECTRICIAN
- ENVIRONMENTAL SYSTEMS TECHNICIAN / HVAC SERVICE TECH/HVAC INSTALL / SERVICE
- GLAZIER
- HEAVY EQUIPMENT OPERATOR / OPERATING ENGINEER
- INSULATION WORKER (HEAT & FROST)
- IRON WORKER
- IRON WORKER (ASSEMBLER, METAL BLDGS)
- PAINTER & DECORATOR
- PLASTERER
- PLUMBER
- RESIDENTIAL ELECTRICIAN
- ROOFER & WATER PROOFER
- SHEET METAL WORKER
- SPRINKLER FITTER
- STEAMFITTER
- STEAMFITTER (REFRIGERATION)
- STEAMFITTER (SERVICE)
- TAPER & FINISHER
- TELECOMMUNICATIONS (VOICE, DATA & VIDEO) INSTALLER-TECHNICIAN
- TILE SETTER



## **SECTION G: BID BOND**

KNOW ALL MEN BY THESE PRESENT, THAT Principal and Surety, as identified below, are held and firmly bound unto the City of Madison, (hereinafter referred to as the "Obligee"), in the sum of five per cent (5%) of the amount of the total bid or bids of the Principal herein accepted by the Obligee, for the payment of which the Principal and the Surety bind themselves, their heirs, executors, administrators, successors and assigns, jointly and severally, firmly by these presents.

The conditions of this obligation are such that, whereas the Principal has submitted, to the City of Madison a certain bid, including the related alternate, and substitute bids attached hereto and hereby made a part hereof, to enter into a contract in writing for the construction of:

### **MADISON MUNICIPAL BUILDING HAZARDOUS MATERIAL REMOVAL CONTRACT NO. 7750**

1. If said bid is rejected by the Obligee, then this obligation shall be void.
2. If said bid is accepted by the Obligee and the Principal shall execute and deliver a contract in the form specified by the Obligee (properly completed in accordance with said bid) and shall furnish a bond for his/her faithful performance of said contract, and for the payment of all persons performing labor or furnishing materials in connection therewith, and shall in all other respects perform the agreement created by the acceptance of said bid, then this obligation shall be void.

If said bid is accepted by the Obligee and the Principal shall fail to execute and deliver the contract and the performance and payment bond noted in 2. above executed by this Surety, or other Surety approved by the City of Madison, all within the time specified or any extension thereof, the Principal and Surety agree jointly and severally to forfeit to the Obligee as liquidated damages the sum mentioned above, it being understood that the liability of the Surety for any and all claims hereunder shall in no event exceed the sum of this obligation as stated, and it is further understood that the Principal and Surety reserve the right to recover from the Obligee that portion of the forfeited sum which exceed the actual liquidated damages incurred by the Obligee.

The Surety, for value received, hereby stipulates and agrees that the obligations of said Surety and its bond shall be in no way impaired or affected by an extension of the time within which the Obligee may accept such bid, and said Surety does hereby waive notice of any such extension.

IN WITNESS WHEREOF, the Principal and the Surety have hereunto set their hands and seals, and such of them as are corporations have caused their corporate seals to be hereto affixed and these presents to be signed by their proper officers, on the day and year set forth below.

Seal      PRINCIPAL

\_\_\_\_\_  
Name of Principal

\_\_\_\_\_  
By

\_\_\_\_\_  
Date

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

Seal      SURETY

\_\_\_\_\_  
Name of Surety

\_\_\_\_\_  
By

\_\_\_\_\_  
Date

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

This certifies that I have been duly licensed as an agent for the above company in Wisconsin under National Provider No. \_\_\_\_\_ for the year \_\_\_\_\_, and appointed as attorney in fact with authority to execute this bid bond and the payment and performance bond referred to above, which power of attorney has not been revoked.

\_\_\_\_\_  
Date

\_\_\_\_\_  
Agent

\_\_\_\_\_  
Address

\_\_\_\_\_  
City, State and Zip Code

\_\_\_\_\_  
Telephone Number

**NOTE TO SURETY & PRINCIPAL**

The bid submitted which this bond guarantees shall be rejected if the following instrument is not attached to this bond:

Power of Attorney showing that the agent of Surety is currently authorized to execute bonds on behalf of the Surety, and in the amounts referenced above.

## Certificate of Biennial Bid Bond

TIME PERIOD - VALID (FROM/TO)
NAME OF SURETY
NAME OF CONTRACTOR
CERTIFICATE HOLDER <p style="text-align: center;">City of Madison, Wisconsin</p>

This is to certify that a biennial bid bond issued by the above-named Surety is currently on file with the City of Madison.

This certificate is issued as a matter of information and conveys no rights upon the certificate holder and does not amend, extend or alter the coverage of the biennial bid bond.

Cancellation: Should the above policy be cancelled before the expiration date, the issuing Surety will give thirty (30) days written notice to the certificate holder indicated above.

\_\_\_\_\_  
Signature of Authorized Contractor Representative

\_\_\_\_\_  
Date

## SECTION H: AGREEMENT

THIS AGREEMENT made this \_\_\_\_\_ day of \_\_\_\_\_ in the year Two Thousand and Sixteen between \_\_\_\_\_ hereinafter called the Contractor, and the City of Madison, Wisconsin, hereinafter called the City.

WHEREAS, the Common Council of the said City of Madison under the provisions of a resolution adopted \_\_\_\_\_, and by virtue of authority vested in the said Council, has awarded to the Contractor the work of performing certain construction.

NOW, THEREFORE, the Contractor and the City, for the consideration hereinafter named, agree as follows:

1. **Scope of Work.** The Contractor shall, perform the construction, execution and completion of the following listed complete work or improvement in full compliance with the Plans, Specifications, Standard Specifications, Supplemental Specifications, Special Provisions and contract; perform all items of work covered or stipulated in the proposal; perform all altered or extra work; and shall furnish, unless otherwise provided in the contract, all materials, implements, machinery, equipment, tools, supplies, transportation, and labor necessary to the prosecution and completion of the work or improvements:

### MADISON MUNICIPAL BUILDING HAZARDOUS MATERIAL REMOVAL CONTRACT NO. 7750

2. **Completion Date/Contract Time.** Construction work must begin within seven (7) calendar days after the date appearing on mailed written notice to do so shall have been sent to the Contractor and shall be carried on at a rate so as to secure full completion SEE SPECIAL PROVISIONS, the rate of progress and the time of completion being essential conditions of this Agreement.
3. **Contract Price.** The City shall pay to the Contractor at the times, in the manner and on the conditions set forth in said specifications, the sum of \_\_\_\_\_ (\$ \_\_\_\_\_) Dollars being the amount bid by such Contractor and which was awarded to him/her as provided by law.
4. **Wage Rates for Employees of Public Works Contractors**

**General and Authorization.** The Contractor shall compensate its employees at the prevailing wage rate in accordance with section 66.0903, Wis. Stats., DWD 290 of the Wisconsin Administrative Code and as hereinafter provided unless otherwise noted in Section D: Special Provisions, Subsection 102.10 – Minimum Rate of Wage Scale.

“Public Works” shall include building or work involving the erection, construction, remodeling, repairing or demolition of buildings, parking lots, highways, streets, bridges, sidewalks, street lighting, traffic signals, sanitary sewers, water mains and appurtenances, storm sewers, and the grading and landscaping of public lands.

“Building or work” includes construction activity as distinguished from manufacturing, furnishing of materials, or servicing and maintenance work, except for the delivery of mineral aggregate such as sand, gravel, bituminous asphaltic concrete or stone which is incorporated into the work under contract with the City by depositing the material directly in final place from transporting vehicle.

“Erection, construction, remodeling, repairing” means all types of work done on a particular building or work at the site thereof in the construction or development of the project, including without limitation, erecting, construction, remodeling, repairing, altering, painting, and decorating, the transporting of materials and supplies to or from the building or work done by the employees of the Contractor, Subcontractor, or Agent thereof, and the manufacturing or furnishing of

materials, articles, supplies or equipment on the site of the building or work, by persons employed by the Contractor, Subcontractor, or Agent thereof.

"Employees working on the project" means laborers, workers, and mechanics employed directly upon the site of work.

"Laborers, Workers, and Mechanics" include pre-apprentices, helpers, trainees, learners and properly registered and indentured apprentices but exclude clerical, supervisory, and other personnel not performing manual labor.

**Establishment of Wage Rates.** The Department of Public Works shall periodically obtain a current schedule of prevailing wage rates from DWD. The schedule shall be used to establish the City of Madison Prevailing Wage Rate Schedule for Public Works Construction (prevailing wage rate). The Department of Public Works may include known increases to the prevailing wage rate which can be documented and are to occur on a future specific date. The prevailing wage rate shall be included in public works contracts subsequently negotiated or solicited by the City. Except for known increases contained within the schedule, the prevailing wage rate shall not change during the contract. The approved wage rate is attached hereto.

**Workforce Profile.** The Contractor shall, at the time of signature of the contract, notify the City Engineer in writing of the names and classifications of all the employees of the Contractor, Subcontractors, and Agents proposed for the work. In the alternative, the Contractor shall submit in writing the classifications of all the employees of the Contractor, Subcontractors and Agents and the total number of hours estimated in each classification for the work. This workforce profile(s) shall be reviewed by the City Engineer who may, within ten (10) days, object to the workforce profile(s) as not being reflective of that which would be required for the work. The Contractor may request that the workforce profile, or a portion of the workforce profile, be submitted after the signature of the contract but at least ten (10) days prior to the work commencing. Any costs or time loss resulting from modifications to the workforce profile as a result of the City Engineer's objections shall be the responsibility of the Contractor.

**Payrolls and Records.** The Contractor shall keep weekly payroll records setting forth the name, address, telephone number, classification, wage rate and fringe benefit package of all the employees who work on the contract, including the employees of the Contractor's subcontractors and agents. Such weekly payroll records must include the required information for all City contracts and all other contracts on which the employee worked during the week in which the employee worked on the contract. The Contractor shall also keep records of the individual time each employee worked on the project and for each day of the project. Such records shall also set forth the total number of hours of overtime credited to each such employee for each day and week and the amount of overtime pay received in that week. The records shall set forth the full weekly wages earned by each employee and the actual hourly wage paid to the employee.

The Contractor shall submit the weekly payroll records, including the records of the Contractor's subcontractors and agents, to the City Engineer for every week that work is being done on the contract. The submittal shall be within twenty-one (21) calendar days of the end of the Contractor's weekly pay period.

Employees shall receive the full amounts accrued at the time of the payment, computed at rates not less than those stated in the prevailing wage rate and each employee's rate shall be determined by the work that is done within the trade or occupation classification which should be properly assigned to the employee.

An employee's classification shall not be changed to a classification of a lesser rate during the contract. If, during the term of the contract, an employee works in a higher pay classification than the one which was previously properly assigned to the employee, then that employee shall be considered to be in the higher pay classification for the balance of the contract, receive the appropriate higher rate of pay, and she/he shall not receive a lesser rate during the balance of the

contract. For purposes of clarification, it is noted that there is a distinct difference between working in a different classification with higher pay and doing work within a classification that has varying rates of pay which are determined by the type of work that is done within the classification. For example, the classification "Operating Engineer" provides for different rates of pay for various classes of work and the Employer shall compensate an employee classified as an "Operating Engineer" based on the highest class of work that is done in one day. Therefore, an "Operating Engineer's" rate may vary on a day to day basis depending on the type of work that is done, but it will never be less than the base rate of an "Operating Engineer". Also, as a matter of clarification, it is recognized that an employee may work in a higher paying classification merely by chance and without prior intention, calculation or design. If such is the case and the performance of the work is truly incidental and the occurrence is infrequent, inconsequential and does not serve to undermine the single classification principle herein, then it may not be required that the employee be considered to be in the higher pay classification and receive the higher rate of pay for the duration of the contract. However, the Contractor is not precluded or prevented from paying the higher rate for the limited time that an employee performs work that is outside of the employee's proper classification.

Questions regarding an employee's classification, rate of pay or rate of pay within a classification, shall be resolved by reference to the established practice that predominates in the industry and on which the trade or occupation rate/classification is based. Rate of pay and classification disputes shall be resolved by relying upon practices established by collective bargaining agreements and guidelines used in such determination by appropriate recognized trade unions operating within the City of Madison.

The Contractor, its Subcontractors and Agents shall submit to interrogation regarding compliance with the provisions of this ordinance.

Mulcting of the employees by the Contractor, Subcontractor, and Agents on Public Works contracts, such as by kickbacks or other devices, is prohibited. The normal rate of wage of the employees of the Contractor, Subcontractor, and Agents shall not be reduced or otherwise diminished as a result of payment of the prevailing wage rate on a public works contract.

**Hourly contributions.** Hourly contributions shall be determined in accordance with the prevailing wage rate and with DWD. 290.01(10), Wis. Admin. Code.

**Apprentices and Subjourney persons.** Apprentices and sub journeypersons performing work on the project shall be compensated in accordance with the prevailing wage rate and with DWD 290.02, and 290.025, respectively, Wis. Admin. Code.

**Straight Time Wages.** The Contractor may pay straight time wages as determined by the prevailing wage rate and DWD 290.04, Wis. Admin. Code.

**Overtime Wages.** The Contractor shall pay overtime wages as required by the prevailing wage rate and DWD 290.05, Wis. Admin. Code.

**Posting of Wage Rates and Hours.** A clearly legible copy of the prevailing wage rate, together with the provisions of Sec. 66.0903(10)(a) and (11)(a), Wis. Stats., shall be kept posted in at least one conspicuous and easily accessible place at the project site by the Contractor and such notice shall remain posted during the full time any laborers, workers or mechanics are employed on the contract.

**Evidence of Compliance by Contractor.** Upon completion of the contract, the Contractor shall file with the Department of Public Works an affidavit stating:

- a. That the Contractor has complied fully with the provisions and requirements of Sec. 66.0903(3), Wis. Stats., and Chapter DWD 290, Wis. Admin. Code; the Contractor has received evidence of compliance from each of the agents and subcontractors; and the

names and addresses of all of the subcontractors and agents who worked on the contract.

- b. That full and accurate records have been kept, which clearly indicate the name and trade or occupation of every laborer, worker or mechanic employed by the Contractor in connection with work on the project. The records shall show the number of hours worked by each employee and the actual wages paid therefore; where these records will be kept and the name, address and telephone number of the person who will be responsible for keeping them. The records shall be retained and made available for a period of at least three (3) years following the completion of the project of public works and shall not be removed without prior notification to the municipality.

**Evidence of Compliance by Agent and Subcontractor.** Each agent and subcontractor shall file with the Contractor, upon completion of their portion of the work on the contract an affidavit stating that all the provisions of Sec. 66.0903(3), Wis. Stats., have been fully complied with and that full and accurate records have been kept, which clearly indicate the name and trade or occupation of every laborer, worker or mechanic employed by the Contractor in connection with work on the project. The records shall show the number of hours worked by each employee and the actual wages paid therefore; where these records shall be kept and the name, address and telephone number of the person who shall be responsible for keeping them. The records shall be retained and made available for a period of at least three (3) years following the completion of the project of public works and shall not be removed without prior notification to the municipality.

**Failure to Comply with the Prevailing Wage Rate.** If the Contractor fails to comply with the prevailing wage rate, she/he shall be in default on the contract. In addition, if DWD finds that a contractor or subcontractor violated the prevailing wage law, DWD will assess liquidated damages of 100% of the wages owed to employees.

**Establishment of Wage Rates.** The Department of Public Works shall periodically obtain a current schedule of prevailing wage rates from DWD. The schedule shall be used to establish the City of Madison Prevailing Wage Rate Schedule for Public Works Construction (prevailing wage rate). The Department of Public Works may include known increases to the prevailing wage rate which can be documented and are to occur on a future specific date. The prevailing wage rate shall be included in public works contracts subsequently negotiated or solicited by the City. Except for known increases contained within the schedule, the prevailing wage rate shall not change during the contract. The approved wage rate and DWD prevailing wage requirements are attached hereto as Sec. I of the contract.

5. **Affirmative Action.** In the performance of the services under this Agreement the Contractor agrees not to discriminate against any employee or applicant because of race, religion, marital status, age, color, sex, disability, national origin or ancestry, income level or source of income, arrest record or conviction record, less than honorable discharge, physical appearance, sexual orientation, gender identity, political beliefs, or student status. The Contractor further agrees not to discriminate against any subcontractor or person who offers to subcontract on this contract because of race, religion, color, age, disability, sex, sexual orientation, gender identity or national origin.

The Contractor agrees that within thirty (30) days after the effective date of this agreement, the Contractor will provide to the City Affirmative Action Division certain workforce utilization statistics, using a form to be furnished by the City.

If the contract is still in effect, or if the City enters into a new agreement with the Contractor, within one year after the date on which the form was required to be provided, the Contractor will provide updated workforce information using a second form, also to be furnished by the City. The second form will be submitted to the City Affirmative Action Division no later than one year after the date on which the first form was required to be provided.

The Contractor further agrees that, for at least twelve (12) months after the effective date of this contract, it will notify the City Affirmative Action Division of each of its job openings at facilities in Dane County for which applicants not already employees of the Contractor are to be considered. The notice will include a job description, classification, qualifications and application procedures and deadlines. The Contractor agrees to interview and consider candidates referred by the Affirmative Action Division if the candidate meets the minimum qualification standards established by the Contractor, and if the referral is timely. A referral is timely if it is received by the Contractor on or before the date started in the notice.

## Articles of Agreement

### Article I

The Contractor shall take affirmative action in accordance with the provisions of this contract to insure that applicants are employed, and that employees are treated during employment without regard to race, religion, color, age, marital status, disability, sex, sexual orientation, gender identity or national origin and that the employer shall provide harassment free work environment for the realization of the potential of each employee. Such action shall include, but not be limited to, the following: employment, upgrading, demotion or transfer, recruitment or recruitment advertising, layoff or termination, rates of pay or other forms of compensation and selection for training including apprenticeship insofar as it is within the control of the Contractor. The Contractor agrees to post in conspicuous places available to employees and applicants notices to be provided by the City setting out the provisions of the nondiscrimination clauses in this contract.

### Article II

The Contractor shall in all solicitations or advertisements for employees placed by or on behalf of the Contractors state that all qualified or qualifiable applicants will be employed without regard to race, religion, color, age, marital status, disability, sex, sexual orientation, gender identity or national origin.

### Article III

The Contractor shall send to each labor union or representative of workers with which it has a collective bargaining agreement or other contract or understanding a notice to be provided by the City advising the labor union or worker's representative of the Contractor's equal employment opportunity and affirmative action commitments. Such notices shall be posted in conspicuous places available to employees and applicants for employment.

### Article V

The Contractor agrees that it will comply with all provisions of the Affirmative Action Ordinance of the City of Madison, including the contract compliance requirements. The Contractor agrees to submit the model affirmative action plan for public works contractors in a form approved by the Affirmative Action Division Manager.

### Article VI

The Contractor will maintain records as required by Section 39.02(9)(f) of the Madison General Ordinances and will provide the City Affirmative Action Division with access to such records and to persons who have relevant and necessary information, as provided in Section 39.02(9)(f). The City agrees to keep all such records confidential, except to the extent that public inspection is required by law.



## Article VII

In the event of the Contractor's or subcontractor's failure to comply with the Equal Employment Opportunity and Affirmative Action Provisions of this contract or Section 39.03 and 39.02 of the Madison General Ordinances, it is agreed that the City at its option may do any or all of the following:

1. Cancel, terminate or suspend this Contract in whole or in part.
2. Declare the Contractor ineligible for further City contracts until the Affirmative Action requirements are met.
3. Recover on behalf of the City from the prime Contractor 0.5 percent of the contract award price for each week that such party fails or refuses to comply, in the nature of liquidated damages, but not to exceed a total of five percent (5%) of the contract price, or five thousand dollars (\$5,000), whichever is less. Under public works contracts, if a subcontractor is in noncompliance, the City may recover liquidated damages from the prime Contractor in the manner described above. The preceding sentence shall not be construed to prohibit a prime Contractor from recovering the amount of such damage from the non-complying subcontractor.

## Article VIII

The Contractor shall include the above provisions of this contract in every subcontract so that such provisions will be binding upon each subcontractor. The Contractor shall take such action with respect to any subcontractor as necessary to enforce such provisions, including sanctions provided for noncompliance.

## Article IX

The Contractor shall allow the maximum feasible opportunity to small business enterprises to compete for any subcontracts entered into pursuant to this contract. (In federally funded contracts the terms "DBE, MBE and WBE" shall be substituted for the term "small business" in this Article.)

6. Substance Abuse Prevention Program Required. Prior to commencing work on the Contract, the Contractor, and any Subcontractor, shall have in place a written program for the prevention of substance abuse among its employees as required under Wis. Stat. Sec. 103.503.
7. **Contractor Hiring Practices.**

### **Ban the Box - Arrest and Criminal Background Checks. (Sec. 39.08, MGO)**

This provision applies to all prime contractors on contracts entered into on or after January 1, 2016, and all subcontractors who are required to meet prequalification requirements under MGO 33.07(7)(l), MGO as of the first time they seek or renew pre-qualification status on or after January 1, 2016. The City will monitor compliance of subcontractors through the pre-qualification process.

- a. **Definitions.** For purposes of this section, "Arrest and Conviction Record" includes, but is not limited to, information indicating that a person has been questioned, apprehended, taken into custody or detention, held for investigation, arrested, charged with, indicted or tried for any felony, misdemeanor or other offense pursuant to any law enforcement or military authority.

"Conviction record" includes, but is not limited to, information indicating that a person has been convicted of a felony, misdemeanor or other offense, placed on probation, fined, imprisoned or paroled pursuant to any law enforcement or military authority.

“Background Check” means the process of checking an applicant’s arrest and conviction record, through any means.

**b. Requirements.** For the duration of this Contract, the Contractor shall:

1. Remove from all job application forms any questions, check boxes, or other inquiries regarding an applicant’s arrest and conviction record, as defined herein.
2. Refrain from asking an applicant in any manner about their arrest or conviction record until after conditional offer of employment is made to the applicant in question.
3. Refrain from conducting a formal or informal background check or making any other inquiry using any privately or publicly available means of obtaining the arrest or conviction record of an applicant until after a conditional offer of employment is made to the applicant in question.
4. Make information about this ordinance available to applicants and existing employees, and post notices in prominent locations at the workplace with information about the ordinance and complaint procedure using language provided by the City.
5. Comply with all other provisions of Sec. 39.08, MGO.

**c. Exemptions:** This section shall not apply when:

1. Hiring for a position where certain convictions or violations are a bar to employment in that position under applicable law, or
2. Hiring a position for which information about criminal or arrest record, or a background check is required by law to be performed at a time or in a manner that would otherwise be prohibited by this ordinance, including a licensed trade or profession where the licensing authority explicitly authorizes or requires the inquiry in question.

To be exempt, Contractor has the burden of demonstrating that there is an applicable law or regulation that requires the hiring practice in question, if so, the contractor is exempt from all of the requirements of this ordinance for the position(s) in question.

**MADISON MUNICIPAL BUILDING HAZARDOUS MATERIAL REMOVAL  
CONTRACT NO. 7750**

IN WITNESS WHEREOF, the Contractor has hereunto set his/her hand and seal and the City has caused these presents to be sealed with its corporate seal and to be subscribed by its Mayor and City Clerk the day and year first above written.

Countersigned:

	_____
	Company Name
Witness	Date
Witness	Date
	_____
	President
Witness	Date
	_____
	Secretary
Witness	Date

CITY OF MADISON, WISCONSIN

Provisions have been made to pay the liability that will accrue under this contract.

Approved as to form:

Finance Director	City Attorney
Signed this _____ day of _____, 20_____	
Witness	Mayor
Witness	City Clerk
	Date
	Date

**SECTION I: PAYMENT AND PERFORMANCE BOND**

KNOW ALL MEN BY THESE PRESENTS, that we \_\_\_\_\_  
 as \_\_\_\_\_ principal, \_\_\_\_\_ and

Company of \_\_\_\_\_ as surety, are held and firmly bound unto the City of Madison, Wisconsin, in the sum of \_\_\_\_\_ (\$\_\_\_\_\_) Dollars, lawful money of the United States, for the payment of which sum to the City of Madison, we hereby bind ourselves and our respective executors and administrators firmly by these presents.

The condition of this Bond is such that if the above bounden shall on his/her part fully and faithfully perform all of the terms of the Contract entered into between him/herself and the City of Madison for the construction of:

**MADISON MUNICIPAL BUILDING HAZARDOUS MATERIAL REMOVAL  
 CONTRACT NO. 7750**

in Madison, Wisconsin, and shall pay all claims for labor performed and material furnished in the prosecution of said work, and save the City harmless from all claims for damages because of negligence in the prosecution of said work, and shall save harmless the said City from all claims for compensation (under Chapter 102, Wisconsin Statutes) of employees and employees of subcontractor, then this Bond is to be void, otherwise of full force, virtue and effect.

Signed and sealed this \_\_\_\_\_ day of \_\_\_\_\_

Countersigned:

\_\_\_\_\_  
 Company Name (Principal)

\_\_\_\_\_  
 Witness

\_\_\_\_\_  
 President Seal

\_\_\_\_\_  
 Secretary

Approved as to form:

\_\_\_\_\_  
 Surety Seal

Salary Employee       Commission

\_\_\_\_\_  
 City Attorney

By \_\_\_\_\_  
 Attorney-in-Fact

This certifies that I have been duly licensed as an agent for the above company in Wisconsin under National Producer Number \_\_\_\_\_ for the year \_\_\_\_\_, and appointed as attorney-in-fact with authority to execute this payment and performance bond which power of attorney has not been revoked.

\_\_\_\_\_  
 Date

\_\_\_\_\_  
 Agent Signature

## SECTION J: PREVAILING WAGE RATES

State of Wisconsin  
Department of Workforce Development  
Equal Rights Division

## DEPARTMENTAL ORDER

ISSUE DATE: 1/8/2016

**PROJECT:**

ALL PUBLIC WORKS PROJECTS UNDER SEC. 66.0903, STATS-CITY OF MADISON  
MADISON CITY, DANE COUNTY, WI  
Determination No. 201600001

**PROJECT OWNER:**

ROBERT F PHILLIPS, INTERIM CITY ENGINEER  
CITY OF MADISON - ENGINEERING  
210 M L KING JR BLVD, RM 115  
MADISON, WI 537033342

**REQUESTER:**

ROBERT F PHILLIPS, INTERIM CITY ENGINEER  
CITY OF MADISON - ENGINEERING  
210 M L KING JR BLVD, RM 115  
MADISON, WI 537033342

**ADDITIONAL CONTACT:**

NORMAN DAVIS, CONTRACT COMPLIANCE  
CITY OF MADISON-DEPT OF CIVIL RTS-AA DIV  
210 MARTIN L KING JR BLVD, RM 523  
MADISON, WI 537033342

The department received an application for prevailing wage rate determination for the above-captioned project. The department conducted a survey to determine the prevailing wage rate for the trade(s) or occupation(s) needed to complete the project. The survey's findings appear in the attached project determination.

If you believe that the wage rate for any trade or occupation does not accurately reflect the prevailing wage rate in the city, village or town where the project is located, you may ask the department to conduct an administrative review of such wage rate. You must submit this request in writing within 30 days from the date indicated above. Additionally, your request must include wage rate information from at least three similar projects in the city, village or town where the proposed project is located and on which some work has been performed by the contested trade(s) during the current survey period and was previously considered by the department in issuing the attached determination. See DWD 290.10 of the Wisconsin Administrative Code and either s. 66.0903(3)(br), Stats., or s. 103.49(3)(c), Stats., for a complete explanation of the administrative review process.

Enclosures

It is hereby ordered that the prevailing wage rates set forth in the attached project determination shall only be applicable to the above referenced project. This order is a **FINAL ORDER** of the department unless a timely request for an administrative review is filed with the department.

ISSUED BY:

Equal Rights Division  
Labor Standards Bureau  
Construction Wage Standards Section  
P.O. Box 8928, Madison, WI 53708-8928  
(608)266-6861

Web Site: <http://dwd.wisconsin.gov/er/>

**PREVAILING WAGE RATE DETERMINATION**

Issued by the State of Wisconsin  
Department of Workforce Development  
Pursuant to s. 66.0903, Wis. Stats.  
Issued On: 01/08/2016  
Amended On: 01/28/2016

**DETERMINATION NUMBER:** 201600001

**EXPIRATION DATE:** Prime Contracts MUST Be Awarded or Negotiated On Or Before 12/31/2016. If NOT, You MUST Reapply.

**PROJECT NAME:** ALL PUBLIC WORKS PROJECTS UNDER SEC. 66.0903, STATS-CITY OF MADISON

**PROJECT LOCATION:** MADISON CITY, DANE COUNTY, WI

**CONTRACTING AGENCY:** CITY OF MADISON - ENGINEERING

<b>CLASSIFICATION:</b>	Contractors are responsible for correctly classifying their workers. Either call the Department of Workforce Development (DWD) with trade or classification questions or consult DWD's Dictionary of Occupational Classifications & Work Descriptions on the DWD website at: <a href="http://dwd.wisconsin.gov/er/prevailing_wage_rate/Dictionary/dictionary_main.htm">dwd.wisconsin.gov/er/prevailing_wage_rate/Dictionary/dictionary_main.htm</a> .
<b>OVERTIME:</b>	Time and one-half must be paid for all hours worked: <ul style="list-style-type: none"><li>- over 10 hours per day on prevailing wage projects</li><li>- over 40 hours per calendar week</li><li>- Saturday and Sunday</li><li>- on all of the following holidays: January 1; the last Monday in May; July 4; the 1st Monday in September; the 4th Thursday in November; December 25;</li><li>- The day before if January 1, July 4 or December 25 falls on a Saturday;</li><li>- The day following if January 1, July 4 or December 25 falls on a Sunday.</li></ul> Apply the time and one-half overtime calculation to whichever is higher between the Hourly Basic Rate listed on this project determination or the employee's regular hourly rate of pay. Add any applicable Premium or DOT Premium to the Hourly Basic Rate before calculating overtime.  A DOT Premium (discussed below) may supersede this time and one-half requirement.
<b>FUTURE INCREASE:</b>	When a specific trade or occupation requires a future increase, you MUST add the full hourly increase to the "TOTAL" on the effective date(s) indicated for the specific trade or occupation.
<b>PREMIUM PAY:</b>	If indicated for a specific trade or occupation, the full amount of such pay MUST be added to the "HOURLY BASIC RATE OF PAY" indicated for such trade or occupation, whenever such pay is applicable.
<b>DOT PREMIUM:</b>	This premium only applies to highway and bridge projects owned by the Wisconsin Department of Transportation and to the project type heading "Airport Pavement or State Highway Construction." DO NOT apply the premium calculation under any other project type on this determination.
<b>APPRENTICES:</b>	Pay apprentices a percentage of the applicable journey person's hourly basic rate of pay and hourly fringe benefit contributions specified in this determination. Obtain the appropriate percentage from each apprentice's contract or indenture.
<b>SUBJOURNEY:</b>	Subjourney wage rates may be available for some of the trades or occupations indicated below with the exception of laborers, truck drivers and heavy equipment operators. Any employer interested in using a subjourney classification on this project MUST complete Form ERD-10880 and request the applicable wage rate from the Department of Workforce Development PRIOR to using the subjourney worker on this project.

This document **MUST BE POSTED** by the **CONTRACTING AGENCY** in at least one conspicuous and easily accessible place on the **site of the project**. A local governmental unit may post this document at the place normally used to post public notices if there is no common site on the project. This document **MUST** remain posted during the entire time any worker is employed on the project and **MUST** be physically incorporated into the specifications and all contracts and subcontracts. If you have any questions, please write to the Equal Rights Division, Labor Standards Bureau, P.O. Box 8928, Madison, Wisconsin 53708 or call (608) 266-6861.

The following statutory provisions apply to local governmental unit projects of public works and are set forth below pursuant to the requirements of s. 66.0903(8), Stats.

s. 66.0903 (1) (f) & s. 103.49 (1) (c) "PREVAILING HOURS OF LABOR" for any trade or occupation in any area means 10 hours per day and 40 hours per week and may not include any hours worked on a Saturday or Sunday or on any of the following holidays:

1. January 1.
2. The last Monday in May.
3. July 4.
4. The first Monday in September.
5. The 4th Thursday in November.
6. December 25.
7. The day before if January 1, July 4 or December 25 falls on a Saturday.
8. The day following if January 1, July 4 or December 25 falls on a Sunday.

**s. 66.0903 (10) RECORDS; INSPECTION; ENFORCEMENT.**

(a) Each contractor, subcontractor, or contractor's or subcontractor's agent performing work on a project of public works that is subject to this section shall keep full and accurate records clearly indicating the name and trade or occupation of every person performing the work described in sub. (4) and an accurate record of the number of hours worked by each of those persons and the actual wages paid for the hours worked.

**s. 66.0903 (11) LIABILITY AND PENALTIES.**

- (a) 1. Any contractor, subcontractor, or contractor's or subcontractor's agent who fails to pay the prevailing wage rate determined by the department under sub. (3) or who pays less than 1.5 times the hourly basic rate of pay for all hours worked in excess of the prevailing hours of labor is liable to any affected employee in the amount of his or her unpaid wages or his or her unpaid overtime compensation and in an additional amount as liquidated damages as provided under subd. 2., 3., whichever is applicable.
2. If the department determines upon inspection under sub. (10) (b) or (c) that a contractor, subcontractor, or contractor's or subcontractor's agent has failed to pay the prevailing wage rate determined by the department under sub. (3) or has paid less than 1.5 times the hourly basic rate of pay for all hours worked in excess of the prevailing hours of labor, the department shall order the contractor to pay to any affected employee the amount of his or her unpaid wages or his or her unpaid overtime compensation and an additional amount equal to 100 percent of the amount of those unpaid wages or that unpaid overtime compensation as liquidated damages within a period specified by the department in the order.
3. In addition to or in lieu of recovering the liability specified in subd. 1. as provided in subd. 2., any employee for and in behalf of that employee and other employees similarly situated may commence an action to recover that liability in any court of competent jurisdiction. If the court finds that a contractor, subcontractor, or contractor's or subcontractor's agent has failed to pay the prevailing wage rate determined by the department under sub. (3) or has paid less than 1.5 times the hourly basic rate of pay for all hours worked in excess of the prevailing hours of labor, the court shall order the contractor, subcontractor, or agent to pay to any affected employee the amount of his or her unpaid wages or his or her unpaid overtime compensation and an additional amount equal to 100 percent of the amount of those unpaid wages or that unpaid overtime compensation as liquidated damages.
5. No employee may be a party plaintiff to an action under subd. 3. unless the employee consents in writing to become a party and the consent is filed in the court in which the action is brought. Notwithstanding s. 814.04 (1), the court shall, in addition to any judgment awarded to the plaintiff, allow reasonable attorney fees and costs to be paid by the defendant.



**BUILDING OR HEAVY CONSTRUCTION**

Includes sheltered enclosures with walk-in access for the purpose of housing persons, employees, machinery, equipment or supplies and non-sheltered work such as canals, dams, dikes, reservoirs, storage tanks, etc. A sheltered enclosure need not be "habitable" in order to be considered a building. The installation of machinery and/or equipment, both above and below grade level, does not change a project's character as a building. On-site grading, utility work and landscaping are included within this definition. Residential buildings of four (4) stories or less, agricultural buildings, parking lots and driveways are NOT included within this definition.

**SKILLED TRADES**

Fringe Benefits Must Be Paid On <u>All</u> Hours Worked		HOURLY BASIC RATE OF PAY	HOURLY FRINGE BENEFITS	TOTAL
<u>CODE</u>	<u>TRADE OR OCCUPATION</u>	\$	\$	\$
101	Acoustic Ceiling Tile Installer Future Increase(s): Add \$1.42/hr on 6/1/2016.	33.02	17.12	50.14
102	Boilermaker	33.35	28.29	61.64
103	Bricklayer, Blocklayer or Stonemason Future Increase(s): Add \$1.45 on 06/06/2016 Premium Increase(s): DOT PREMIUM: Pay two times the hourly basic rate on Sunday, New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day & Christmas Day.	32.86	20.03	52.89
104	Cabinet Installer Future Increase(s): Add \$1.42/hr on 6/1/2016.	33.02	17.12	50.14
105	Carpenter Future Increase(s): Add \$1.42/hr on 6/1/2016. Premium Increase(s): DOT PREMIUM: Pay two times the hourly basic rate on Sunday, New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day & Christmas Day.	33.02	17.12	50.14
106	Carpet Layer or Soft Floor Coverer Future Increase(s): Add \$1.42/hr on 6/1/2016.	33.02	17.12	50.14
107	Cement Finisher	33.15	16.40	49.55
108	Drywall Taper or Finisher	29.97	20.08	50.05
109	Electrician Future Increase(s): Add \$1.25/hr on 6/1/16. Premium Increase(s): DOT PREMIUM: Pay two times the hourly basic rate on Sunday, New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day & Christmas Day.	35.75	19.97	55.72
110	Elevator Constructor	46.05	27.09	73.14
111	Fence Erector	18.72	5.78	24.50

Fringe Benefits Must Be Paid On <u>All</u> Hours Worked		HOURLY BASIC RATE OF PAY	HOURLY FRINGE BENEFITS	TOTAL
CODE	TRADE OR OCCUPATION	\$	\$	\$
112	Fire Sprinkler Filter	36.78	19.97	56.75
113	Glazier	38.27	14.42	52.69
114	Heat or Frost Insulator	33.53	27.31	60.84
115	Insulator (Batt or Blown) Future Increase(s): Add \$1.42/hr on 6/1/2016.	33.02	17.12	50.14
116	Ironworker	32.50	20.58	53.08
117	Lather	32.72	16.00	48.72
118	Line Constructor (Electrical)	40.81	18.06	58.87
119	Marble Finisher	25.72	18.54	44.26
120	Marble Mason	32.82	18.67	51.49
121	Metal Building Erector	22.40	6.27	28.67
122	Millwright Future Increase(s): Add \$1.47/hr on 6/1/2016.	34.79	17.17	51.96
123	Overhead Door Installer	31.93	13.39	45.32
124	Painter	26.70	16.65	43.35
125	Pavement Marking Operator	30.00	18.81	48.81
126	Piledriver Future Increase(s): Add \$1.44/hr on 6/1/2016. Premium Increase(s): DOT PREMIUM: Pay two times the hourly basic rate on Sunday, New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day & Christmas Day.	33.56	17.12	50.68
127	Pipeline Fuser or Welder (Gas or Utility)	44.20	18.26	62.46
129	Plasterer	32.82	18.81	51.63
130	Plumber	38.82	18.02	56.84
132	Refrigeration Mechanic	45.55	18.71	64.26
133	Roofer or Waterproofing	29.65	1.71	31.36
134	Sheet Metal Worker	35.55	24.67	60.22
135	Steamfitter	45.55	18.71	64.26
137	Teledata Technician or Installer	22.50	12.74	35.24
138	Temperature Control Installer	34.97	19.67	54.64
139	Terrazzo Finisher	25.72	18.54	44.26

Fringe Benefits Must Be Paid On <u>All</u> Hours Worked		HOURLY BASIC RATE OF PAY	HOURLY FRINGE BENEFITS	TOTAL
CODE	TRADE OR OCCUPATION	\$	\$	\$
140	Terrazzo Mechanic Future Increase(s): Add \$1.60 on 06/06/2016	33.98	18.96	52.94
141	Tile Finisher	30.00	0.00	30.00
142	Tile Setter Future Increase(s): Add \$1.45/hr on 6/06/2016.	31.59	19.61	51.20
143	Tuckpointer, Caulker or Cleaner Future Increase(s): Add \$1.45 on 06/06/2016 Premium Increase(s): DOT PREMIUM: Pay two times the hourly basic rate on Sunday, New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day & Christmas Day.	32.86	20.03	52.89
144	Underwater Diver (Except on Great Lakes)	36.74	16.00	52.74
146	Well Driller or Pump Installer Future Increase(s): Add \$1/hr on 6/1/2016; Add \$1/hr on 6/1/2017.	25.32	16.40	41.72
147	Siding Installer	17.00	6.71	23.71
150	Heavy Equipment Operator - ELECTRICAL LINE CONSTRUCTION ONLY	36.73	20.41	57.14
151	Light Equipment Operator -ELECTRICAL LINE CONSTRUCTION ONLY	32.65	15.52	48.17
152	Heavy Truck Driver - ELECTRICAL LINE CONSTRUCTION ONLY	28.57	13.71	42.28
153	Light Truck Driver - ELECTRICAL LINE CONSTRUCTION ONLY	26.53	13.55	40.08
154	Groundman - ELECTRICAL LINE CONSTRUCTION ONLY	25.00	12.55	37.55

#### TRUCK DRIVERS

Fringe Benefits Must Be Paid On <u>All</u> Hours Worked		HOURLY BASIC RATE OF PAY	HOURLY FRINGE BENEFITS	TOTAL
CODE	TRADE OR OCCUPATION	\$	\$	\$
201	Single Axle or Two Axle	33.69	19.78	53.47
203	Three or More Axle	18.25	21.61	39.86
204	Articulated, Euclid, Dumptor, Off Road Material Hauler Future Increase(s): Add \$1.60/hr on 6/3/2016.	34.69	20.38	55.07
205	Pavement Marking Vehicle	18.25	21.61	39.86
207	Truck Mechanic	18.25	21.61	39.86

**LABORERS**

<b>Fringe Benefits Must Be Paid On <u>All</u> Hours Worked</b>				
<b>CODE</b>	<b>TRADE OR OCCUPATION</b>	<b>HOURLY BASIC RATE OF PAY</b>	<b>HOURLY FRINGE BENEFITS</b>	<b>TOTAL</b>
		<b>\$</b>	<b>\$</b>	<b>\$</b>
301	General Laborer Future Increase(s): Add \$1.25/hr eff. 06/06/2016 Premium Increase(s): Add \$1.00/hr for certified welder and pipelayer; Add \$.25/hr for mason tender.	25.81	15.63	41.44
302	Asbestos Abatement Worker	17.00	4.22	21.22
303	Landscaper	21.90	9.83	31.73
310	Gas or Utility Pipeline Laborer (Other Than Sewer and Water)	20.83	18.39	39.22
311	Fiber Optic Laborer (Outside, Other Than Concrete Encased)	19.35	0.00	19.35
314	Railroad Track Laborer	17.00	3.96	20.96
315	Final Construction Clean-Up Worker	29.01	7.20	36.21

**HEAVY EQUIPMENT OPERATORS  
SITE PREPARATION, UTILITY OR LANDSCAPING WORK ONLY**

<b>Fringe Benefits Must Be Paid On <u>All</u> Hours Worked</b>				
<b>CODE</b>	<b>TRADE OR OCCUPATION</b>	<b>HOURLY BASIC RATE OF PAY</b>	<b>HOURLY FRINGE BENEFITS</b>	<b>TOTAL</b>
		<b>\$</b>	<b>\$</b>	<b>\$</b>
501	Air Track, Rotary or Percussion Drilling Machine &/or Hammers, Blaster; Asphalt Milling Machine; Boring Machine (Directional, Horizontal or Vertical); Backhoe (Track Type) Having a Mfg'r's Rated Capacity of 130,000 Lbs. or Over; Backhoe (Track Type) Having a Mfg'r's Rated Capacity of Under 130,000 Lbs., Backhoe (Mini, 15,000 Lbs. & Under); Bulldozer or Endloader (Over 40 hp); Compactor (Self-Propelled 85 Ft Total Drum Width & Over, or Tractor Mounted, Towed & Light Equipment); Concrete Batch Plant, Batch Hopper; Concrete Breaker (Large, Auto, Vibratory/Sonic, Manual or Remote); Crane, Shovel, Dragline, Clamshells; Forklift (Machinery Moving or Steel Erection, 25 Ft & Over); Gradall (Cruz-Aire Type); Grader or Motor Patrol; Master Mechanic; Mechanic or Welder; Robotic Tool Carrier (With or Without Attachments); Scraper (Self Propelled or Tractor Drawn) 5 cu yds or More Capacity; Tractor or Truck Mounted Hydraulic Backhoe; Tractor or Truck Mounted Hydraulic Crane (10 Tons or Under); Tractor (Scraper, Dozer, Pusher, Loader); Trencher (Wheel Type or Chain Type Having Over 8 Inch Bucket). Future Increase(s): Add \$1.60/hr on 6/3/2016.	35.22	20.38	55.60
502	Backfiller; Broom or Sweeper; Bulldozer or Endloader (Under 40 hp); Environmental Burner; Forestry Equipment, Timbco, Tree Shear, Tub Grinder, Processor; Jeep Digger; Screed (Milling Machine); Skid Rig; Straddle Carrier or Travel Lift; Stump Chipper; Trencher (Wheel Type or Chain Type Having 8 Inch Bucket & Under). Future Increase(s): Add \$1.60/hr on 6/3/2016.	34.69	20.38	55.07

Fringe Benefits Must Be Paid On <u>All</u> Hours Worked		HOURLY BASIC RATE OF PAY	HOURLY FRINGE BENEFITS	TOTAL
<u>CODE</u>	<u>TRADE OR OCCUPATION</u>	\$	\$	\$
503	Air Compressor (&/or 400 CFM or Over); Augers (Vertical & Horizontal); Compactor (Self-Propelled 84 Ft Total Drum Width & Under, or Tractor Mounted, Towed & Light Equipment); Crusher, Screening or Wash Plant; Farm or Industrial Type Tractor; Forklift; Generator (&/or 150 KW or Over); Greaser; High Pressure Utility Locating Machine (Daylighting Machine); Mulcher; Oiler; Post Hole Digger or Driver; Pump (3 Inch or Over) or Well Points; Refrigeration Plant or Freeze Machine; Rock, Stone Breaker; Skid Steer Loader (With or Without Attachments); Vibratory Hammer or Extractor, Power Pack. Future Increase(s): Add \$1.60/hr on 6/3/2016.	32.62	20.38	53.00
504	Work Performed on the Great Lakes Including Diver; Wet Tender or Hydraulic Dredge Engineer.	41.65	21.71	63.36
505	Work Performed on the Great Lakes Including Crane or Backhoe Operator; Assistant Hydraulic Dredge Engineer; Hydraulic Dredge Leverman or Diver's Tender; Mechanic or Welder; 70 Ton & Over Tug Operator. Future Increase(s): Add \$1.25/hr on 1/1/2017. Premium Increase(s): Add \$.50/hr for Friction Crane, Lattice Boom or Crane Certification (CCO).	44.05	23.24	67.29
506	Work Performed on the Great Lakes Including Deck Equipment Operator or Machineryman (Maintains Cranes Over 50 Tons or Backhoes 115,000 Lbs. or More); Tug, Launch or Loader, Dozer or Like Equipment When Operated on a Barge, Breakwater Wall, Slip, Dock or Scow, Deck Machinery. Future Increase(s): Add \$1.25/hr on 1/1/2017.	39.20	23.09	62.29
507	Work Performed on the Great Lakes Including Deck Equipment Operator, Machineryman or Fireman (Operates 4 Units or More or Maintains Cranes 50 Tons or Under or Backhoes 115,000 Lbs. or Under); Deck Hand, Deck Engineer or Assistant Tug Operator; Off Road Trucks - Great Lakes ONLY.	36.72	21.15	57.87

**HEAVY EQUIPMENT OPERATORS  
EXCLUDING SITE PREPARATION, UTILITY, PAVING LANDSCAPING WORK**

Fringe Benefits Must Be Paid On <u>All</u> Hours Worked		HOURLY BASIC RATE OF PAY	HOURLY FRINGE BENEFITS	TOTAL
<u>CODE</u>	<u>TRADE OR OCCUPATION</u>	\$	\$	\$
508	Boring Machine (Directional); Crane, Tower Crane, Pedestal Tower or Derrick, With or Without Attachments, With a Lifting Capacity of Over 100 Tons, Self-Erecting Tower Crane With a Lifting Capacity of Over 4,000 Lbs., Crane With Boom Dollies; Crane, Tower Crane, Pedestal Tower or Derrick, With Boom, Leads &/or Jib Lengths Measuring 176 Ft or Over; Master Mechanic. Future Increase(s): Add \$1.60/hr on 6/3/2016. Premium Increase(s):	37.67	20.38	58.05

<b>Fringe Benefits Must Be Paid On <u>All</u> Hours Worked</b>		<b>HOURLY BASIC RATE OF PAY</b>	<b>HOURLY FRINGE BENEFITS</b>	<b>TOTAL</b>
<b>CODE</b>	<b>TRADE OR OCCUPATION</b>	<b>\$</b>	<b>\$</b>	<b>\$</b>
	Add \$.50/hr for >200 Ton; Add \$1/hr at 300 Ton; Add \$1.50/hr at 400 Ton; Add \$2/hr at 500 Ton & Over.			
509	Backhoe (Track Type) Having a Mfgr's Rated Capacity of 130,000 Lbs. or Over; Boring Machine (Horizontal or Vertical); Caisson Rig; Crane, Tower Crane, Portable Tower, Pedestal Tower or Derrick, With or Without Attachments, With a Lifting Capacity of 100 Tons or Under, Self-Erecting Tower Crane With A Lifting Capacity Of 4,000 Lbs. & Under; Crane, Tower Crane, Portable Tower, Pedestal Tower or Derrick, With Boom, Leads &/or Jib Lengths Measuring 175 Ft or Under; Pile Driver; Versi Lifts, Tri-Lifts & Gantrys (20,000 Lbs. & Over). Future Increase(s): Add \$1.60/hr on 6/3/2016. Premium Increase(s): Add \$.25/hr for all >45 Ton lifting capacity cranes.	36.42	20.38	56.80
510	Backhoe (Track Type) Having a Mfgr.'s Rated Capacity of Under 130,000 Lbs., Backhoe (Mini, 15,000 Lbs. & Under); Concrete Bump Cutter, Grinder, Planing or Grooving Machine; Concrete Laser/Screed; Concrete Paver (Slipform); Concrete Pump (Over 46 Meter), Concrete Conveyor (Rotec or Bidwell Type); Concrete Slipform Placer Curb & Gutter Machine; Concrete Spreader & Distributor; Dredge (NOT Performing Work on the Great Lakes); Forklift (Machinery Moving or Steel Erection, 25 Ft & Over); Gradall (Cruz-Aire Type); Hydro-Blaster (10,000 PSI or Over); Milling Machine; Skid Rig; Traveling Crane (Bridge Type). Future Increase(s): Add \$1.60/hr on 6/3/2016.	35.22	20.38	55.60
511	Air, Track, Rotary or Percussion Drilling Machine &/or Hammers, Blaster; Bulldozer or Endloader (Over 40 hp); Compactor (Self-Propelled 85 Ft Total Drum Width & Over, or Tractor Mounted, Towed & Light Equipment); Concrete Pump (46 Meter & Under), Concrete Conveyor (Rotec or Bidwell Type); Crane (Carry Deck, Mini) or Truck Mounted Hydraulic Crane (10 Tons or Under); Environmental Burner; Gantrys (Under 20,000 Lbs.); Grader or Motor Patrol; High Pressure Utility Locating Machine (Daylighting Machine); Manhoist; Material or Stack Hoist; Mechanic or Welder; Railroad Track Rail Leveling Machine, Tie Placer, Extractor, Tamper, Stone Leveler or Rehabilitation Equipment; Roller (Over 5 Ton); Scraper (Self Propelled or Tractor Drawn) 5 cu yd or More Capacity; Screed (Milling Machine); Sideboom; Straddle Carrier or Travel Lift; Tining or Curing Machine; Tractor (Scraper, Dozer, Pusher, Loader); Tractor or Truck Mounted Hydraulic Backhoe; Tractor or Truck Mounted Hydraulic Crane (10 Tons or Under); Trencher (Wheel Type or Chain Type Having Over 8-Inch Bucket). Future Increase(s): Add \$1.60/hr on 6/3/2016.	34.69	20.38	55.07

Fringe Benefits Must Be Paid On <u>All</u> Hours Worked		HOURLY BASIC RATE OF PAY	HOURLY FRINGE BENEFITS	TOTAL
CODE	TRADE OR OCCUPATION	\$	\$	\$
512	Backfiller; Broom or Sweeper; Bulldozer or Endloader (Under 40 hp); Compactor (Self-Propelled 84 Ft Total Drum Width & Under, or Tractor Mounted, Towed & Light Equipment); Concrete Batch Plant, Batch Hopper; Concrete Breaker (Large, Auto, Vibratory/Sonic, Manual or Remote); Concrete Conveyor System; Concrete Finishing Machine (Road Type); Fireman (Pile Driver & Derrick NOT Performing Work on the Great Lakes); Grout Pump; Hoist (Tugger, Automatic); Industrial Locomotives; Jeep Digger; Lift Slab Machine; Mulcher; Roller (Rubber Tire, 5 Ton or Under); Screw or Gypsum Pumps; Stabilizing or Concrete Mixer (Self-Propelled or 14S or Over); Stump Chipper; Trencher (Wheel Type or Chain Type Having 8-Inch Bucket & Under); Winches & A-Frames. Future Increase(s): Add \$1.60/hr on 6/3/2016.	32.62	20.38	53.00
513	Air Compressor (&/or 400 CFM or Over); Air, Electric or Hydraulic Jacking System; Augers (Vertical & Horizontal); Boatmen (NOT Performing Work on the Great Lakes); Boiler (Temporary Heat); Crusher, Screening or Wash Plant; Elevator; Farm or Industrial Type Tractor; Fireman (Asphalt Plant NOT Performing Work on the Great Lakes); Forklift; Generator (&/or 150 KW or Over); Greaser; Heaters (Mechanical); Loading Machine (Conveyor); Oiler; Post Hole Digger or Driver; Prestress Machine; Pump (3 Inch or Over) or Well Points; Refrigeration Plant or Freeze Machine; Robotic Tool Carrier (With or Without Attachments); Rock, Stone Breaker; Skid Steer Loader (With or Without Attachments); Vibratory Hammer or Extractor, Power Pack. Future Increase(s): Add \$1.60/hr on 6/3/2016.	31.99	20.38	52.37
514	Gas or Utility Pipeline, Except Sewer & Water (Primary Equipment). Future Increase(s): Add \$1/hr on 5/30/2016.	37.04	22.44	59.48
515	Gas or Utility Pipeline, Except Sewer & Water (Secondary Equipment).	33.82	20.30	54.12
516	Fiber Optic Cable Equipment	29.50	0.68	30.18

<b>SEWER, WATER OR TUNNEL CONSTRUCTION</b>
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Includes those projects that primarily involve public sewer or water distribution, transmission or collection systems and related tunnel work (excluding buildings).

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**SKILLED TRADES**

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Fringe Benefits Must Be Paid On All Hours Worked

<u>CODE</u>	<u>TRADE OR OCCUPATION</u>	<u>HOURLY BASIC RATE OF PAY</u> \$	<u>HOURLY FRINGE BENEFITS</u> \$	<u>TOTAL</u> \$
103	Bricklayer, Blocklayer or Stonemason	32.82	18.67	51.49
105	Carpenter	32.72	16.00	48.72
107	Cement Finisher Future Increase(s): Add \$1.75 on 6/1/16. Premium Increase(s): DOT PREMIUMS: 1) Pay two times the hourly basic rate on Sunday, New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day & Christmas Day. 2) Add \$1.40/hr when the Wisconsin Department of Transportation or responsible governing agency requires that work be performed at night under artificial illumination with traffic control and the work is completed after sunset and before sunrise.	35.97	17.85	53.82
109	Electrician	52.00	1.50	53.50
111	Fence Erector	18.72	5.78	24.50
116	Ironworker	32.50	20.58	53.08
118	Line Constructor (Electrical)	40.81	18.06	58.87
125	Pavement Marking Operator	30.00	18.81	48.81
126	Piledriver	33.24	16.00	49.24
130	Plumber Future Increase(s): Add \$1.50 on 6/1/16	39.95	19.45	59.40
135	Steamfitter	44.20	18.26	62.46
137	Teledata Technician or Installer	22.50	12.74	35.24
143	Tuckpointer, Caulker or Cleaner	32.82	18.67	51.49
144	Underwater Diver (Except on Great Lakes)	31.00	20.43	51.43
146	Well Driller or Pump Installer Future Increase(s): Add \$1/hr on 6/1/2016; Add \$1/hr on 6/1/2017.	25.32	16.40	41.72
150	Heavy Equipment Operator - ELECTRICAL LINE CONSTRUCTION ONLY	36.73	15.92	52.65
151	Light Equipment Operator -ELECTRICAL LINE CONSTRUCTION ONLY	32.65	15.52	48.17



**Fringe Benefits Must Be Paid On All Hours Worked**

<u>CODE</u>	<u>TRADE OR OCCUPATION</u>	<u>HOURLY BASIC RATE OF PAY</u> \$	<u>HOURLY FRINGE BENEFITS</u> \$	<u>TOTAL</u> \$
152	Heavy Truck Driver - ELECTRICAL LINE CONSTRUCTION ONLY	28.57	13.71	42.28
153	Light Truck Driver - ELECTRICAL LINE CONSTRUCTION ONLY	26.53	13.55	40.08
154	Groundman - ELECTRICAL LINE CONSTRUCTION ONLY	21.75	12.97	34.72

**TRUCK DRIVERS**

**Fringe Benefits Must Be Paid On All Hours Worked**

<u>CODE</u>	<u>TRADE OR OCCUPATION</u>	<u>HOURLY BASIC RATE OF PAY</u> \$	<u>HOURLY FRINGE BENEFITS</u> \$	<u>TOTAL</u> \$
201	Single Axle or Two Axle	19.00	0.00	19.00
203	Three or More Axle	19.00	0.00	19.00
204	Articulated, Euclid, Dumptor, Off Road Material Hauler	33.69	19.78	53.47
205	Pavement Marking Vehicle	19.00	0.00	19.00
207	Truck Mechanic	19.00	0.00	19.00

**LABORERS**

**Fringe Benefits Must Be Paid On All Hours Worked**

<u>CODE</u>	<u>TRADE OR OCCUPATION</u>	<u>HOURLY BASIC RATE OF PAY</u> \$	<u>HOURLY FRINGE BENEFITS</u> \$	<u>TOTAL</u> \$
301	General Laborer Future Increase(s): Add \$1.25/hr eff. 06/06/2016 Premium Increase(s): Add \$.20 for blaster, bracer, manhole builder, caulker, bottomman and power tool; Add \$.55 for pipelayer; Add \$1.00 for tunnel work 0-15 lbs. compressed air; Add \$2.00 for over 15-30 lbs. compressed air; Add \$3.00 for over 30 lbs. compressed air.	27.18	15.64	42.82
303	Landscaper	41.00	0.00	41.00
304	Flagperson or Traffic Control Person	20.92	14.80	35.72
311	Fiber Optic Laborer (Outside, Other Than Concrete Encased)	19.35	0.00	19.35
314	Railroad Track Laborer	17.00	3.96	20.96

**HEAVY EQUIPMENT OPERATORS  
SEWER, WATER OR TUNNEL WORK**

Fringe Benefits Must Be Paid On All Hours Worked

<u>CODE</u>	<u>TRADE OR OCCUPATION</u>	<u>HOURLY BASIC RATE OF PAY</u> \$	<u>HOURLY FRINGE BENEFITS</u> \$	<u>TOTAL</u> \$
521	Backhoe (Track Type) Having a Mfgr.'s Rated Capacity of 130,000 Lbs. or Over; Caisson Rig; Crane, Tower Crane, Pedestal Tower or Derrick, With Boom, Leads &/or Jib Lengths Measuring 176 Ft or Over; Crane, Tower Crane, Pedestal Tower or Derrick, With or Without Attachments, With a Lifting Capacity of Over 100 Tons, Self-Erecting Tower Crane With a Lifting Capacity Of Over 4,000 Lbs., Crane With Boom Dollies; Master Mechanic; Pile Driver. Premium Increase(s): Add \$.25/hr for operating tower crane.	38.09	20.80	58.89
522	Backhoe (Track Type) Having a Mfgr.'s Rated Capacity of Under 130,000 Lbs., Backhoe (Mini, 15,000 Lbs. & Under); Boring Machine (Directional); Concrete Bump Cutter, Grinder, Planing or Grooving Machine; Concrete Laser/Screed; Concrete Paver (Slipform); Concrete Pump (Over 46 Meter), Concrete Conveyor (Rotec or Bidwell Type); Concrete Spreader & Distributor; Crane, Tower Crane, Portable Tower, Pedestal Tower or Derrick, With Boom, Leads &/or Jib Lengths Measuring 175 Ft or Under; Crane, Tower Crane, Portable Tower, Pedestal Tower or Derrick, With or Without Attachments, With a Lifting Capacity of 100 Tons or Under, Self-Erecting Tower Crane With a Lifting Capacity of 4,000 Lbs. & Under; Dredge (NOT Performing Work on the Great Lakes); Milling Machine; Skid Rig; Telehandler; Traveling Crane (Bridge Type). Future Increase(s): Add \$1.60/hr on 6/3/2016.	35.22	20.38	55.60
523	Air Track, Rotary or Percussion Drilling Machine &/or Hammers, Blaster; Boring Machine (Horizontal or Vertical); Bulldozer or Endloader (Over 40 hp); Crane (Carry Deck, Mini) or Truck Mounted Hydraulic Crane (10 Tons or Under); Concrete Pump (46 Meter & Under), Concrete Conveyor (Rotec or Bidwell Type); Concrete Slipform Placer Curb & Gutter Machine; Gradall (Cruz-Aire Type); Grader or Motor Patrol; Hydro-Blaster (10,000 PSI or Over); Manhoist; Material or Stack Hoist; Mechanic or Welder; Roller (Over 5 Ton); Scraper (Self Propelled or Tractor Drawn) 5 cu yd or More Capacity; Screed (Milling Machine); Sideboom; Straddle Carrier or Travel Lift; Tractor (Scraper, Dozer, Pusher, Loader); Tractor or Truck Mounted Hydraulic Backhoe; Tractor or Truck Mounted Hydraulic Crane (10 Tons or Under); Trencher (Wheel Type or Chain Type Having Over 8-Inch Bucket). Future Increase(s): Add \$1.60/hr on 6/3/2016.	34.69	20.38	55.07

Fringe Benefits Must Be Paid On <u>All</u> Hours Worked		HOURLY BASIC RATE OF PAY	HOURLY FRINGE BENEFITS	TOTAL
CODE	TRADE OR OCCUPATION	\$	\$	\$
524	Backfiller; Broom or Sweeper; Bulldozer or Endloader (Under 40 hp); Compactor (Self-Propelled 85 Ft Total Drum Width & Over, or Tractor Mounted, Towed & Light Equipment); Concrete Batch Plant, Batch Hopper; Concrete Breaker (Large, Auto, Vibratory/Sonic, Manual or Remote); Concrete Conveyor System; Concrete Finishing Machine (Road Type); Environmental Burner; Fireman (Pile Driver & Derrick NOT Performing Work on the Great Lakes); Forestry Equipment, Timbco, Tree Shear, Tub Grinder, Processor; Hoist (Tugger, Automatic); Grout Pump; Jeep Digger; Lift Slab Machine; Mulcher; Power Subgrader; Pump (3 Inch or Over) or Well Points; Robotic Tool Carrier (With or Without Attachments); Roller (Rubber Tire, 5 Ton or Under); Screw or Gypsum Pumps; Stabilizing or Concrete Mixer (Self-Propelled or 14S or Over); Stump Chipper; Tining or Curing Machine; Trencher (Wheel Type or Chain Type Having 8-Inch Bucket & Under); Winches & A-Frames.	33.69	21.75	55.44
525	Air Compressor (&/or 400 CFM or Over); Air, Electric or Hydraulic Jacking System; Augers (Vertical & Horizontal); Compactor (Self-Propelled 84 Ft Total Drum Width & Under, or Tractor Mounted, Towed & Light Equipment); Crusher, Screening or Wash Plant; Farm or Industrial Type Tractor; Fireman (Asphalt Plant NOT Performing Work on the Great Lakes); Generator (&/or 150 KW or Over); Heaters (Mechanical); High Pressure Utility Locating Machine (Daylighting Machine); Loading Machine (Conveyor); Post Hole Digger or Driver; Refrigeration Plant or Freeze Machine; Rock, Stone Breaker; Skid Steer Loader (With or Without Attachments); Vibratory Hammer or Extractor, Power Pack. Future Increase(s): Add \$1.60/hr on 6/3/2016.	31.99	20.38	52.37
526	Boiler (Temporary Heat); Forklift; Greaser; Oiler.	30.99	19.78	50.77
527	Work Performed on the Great Lakes Including Diver; Wet Tender or Hydraulic Dredge Engineer.	41.65	21.71	63.36
528	Work Performed on the Great Lakes Including 70 Ton & Over Tug Operator; Assistant Hydraulic Dredge Engineer; Crane or Backhoe Operator; Hydraulic Dredge Leverman or Diver's Tender; Mechanic or Welder.	41.65	21.71	63.36
529	Work Performed on the Great Lakes Including Deck Equipment Operator or Machineryman (Maintains Cranes Over 50 Tons or Backhoes 115,000 Lbs. or More); Tug, Launch or Loader, Dozer or Like Equipment When Operated on a Barge, Breakwater Wall, Slip, Dock or Scow, Deck Machinery.	36.72	21.15	57.87
530	Work Performed on the Great Lakes Including Deck Equipment Operator; Machineryman or Fireman (Operates 4 Units or More or Maintains Cranes 50 Tons or Under or Backhoes 115,000 Lbs. or Under), Deck Hand, Deck Engineer or Assistant Tug Operator; Off Road Trucks - Great Lakes ONLY.	36.72	21.15	57.87

<b>AIRPORT PAVEMENT OR STATE HIGHWAY CONSTRUCTION</b>
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Includes all airport projects (excluding buildings) and all projects awarded by the Wisconsin Department of Transportation (excluding buildings).

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**SKILLED TRADES**

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Fringe Benefits Must Be Paid On All Hours Worked

<u>CODE</u>	<u>TRADE OR OCCUPATION</u>	<u>HOURLY BASIC RATE OF PAY</u> \$	<u>HOURLY FRINGE BENEFITS</u> \$	<u>TOTAL</u> \$
103	Bricklayer, Blocklayer or Stonemason	31.55	18.52	50.07
105	Carpenter Future Increase(s): Add \$1.42/hr on 6/1/2016. Premium Increase(s): DOT PREMIUM: Pay two times the hourly basic rate on Sunday, New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day & Christmas Day.	33.02	17.12	50.14
107	Cement Finisher Future Increase(s): Add \$1.75 on 6/1/16. Premium Increase(s): DOT PREMIUMS: 1) Pay two times the hourly basic rate on Sunday, New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day & Christmas Day. 2) Add \$1.40/hr when the Wisconsin Department of Transportation or responsible governing agency requires that work be performed at night under artificial illumination with traffic control and the work is completed after sunset and before sunrise.	35.97	17.85	53.82
109	Electrician Future Increase(s): Add \$1.25/hr on 6/1/16. Premium Increase(s): DOT PREMIUM: Pay two times the hourly basic rate on Sunday, New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day & Christmas Day.	35.75	19.97	55.72
111	Fence Erector	35.62	0.00	35.62
116	Ironworker	32.50	20.58	53.08
118	Line Constructor (Electrical)	40.81	18.06	58.87
124	Painter	29.87	18.79	48.66
125	Pavement Marking Operator	31.24	17.30	48.54
126	Piledriver	30.11	21.09	51.20
133	Roofer or Waterproofor	30.40	2.23	32.63
137	Teledata Technician or Installer	22.50	12.74	35.24
143	Tuckpointer, Caulker or Cleaner	32.82	18.67	51.49

<b>Fringe Benefits Must Be Paid On <u>All</u> Hours Worked</b>		<b>HOURLY BASIC RATE OF PAY</b>	<b>HOURLY FRINGE BENEFITS</b>	<b>TOTAL</b>
<b>CODE</b>	<b>TRADE OR OCCUPATION</b>	<b>\$</b>	<b>\$</b>	<b>\$</b>
144	Underwater Diver (Except on Great Lakes)	36.74	16.00	52.74
150	Heavy Equipment Operator - ELECTRICAL LINE CONSTRUCTION ONLY	36.73	15.92	52.65
151	Light Equipment Operator -ELECTRICAL LINE CONSTRUCTION ONLY	32.65	17.37	50.02
152	Heavy Truck Driver - ELECTRICAL LINE CONSTRUCTION ONLY	28.57	13.71	42.28
153	Light Truck Driver - ELECTRICAL LINE CONSTRUCTION ONLY	26.53	13.09	39.62
154	Groundman - ELECTRICAL LINE CONSTRUCTION ONLY	21.75	12.97	34.72

**TRUCK DRIVERS**

<b>Fringe Benefits Must Be Paid On <u>All</u> Hours Worked</b>		<b>HOURLY BASIC RATE OF PAY</b>	<b>HOURLY FRINGE BENEFITS</b>	<b>TOTAL</b>
<b>CODE</b>	<b>TRADE OR OCCUPATION</b>	<b>\$</b>	<b>\$</b>	<b>\$</b>
201	Single Axle or Two Axle	36.72	21.15	57.87
203	Three or More Axle Premium Increase(s): DOT PREMIUM: Pay two times the hourly basic rate on Sunday, New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day & Christmas Day.	25.78	18.96	44.74
204	Articulated, Euclid, Dumptor, Off Road Material Hauler Future Increase(s): Add \$1.30/hr on 6/1/2016; Add \$1.25/hr on 6/1/2017. Premium Increase(s): DOT PREMIUMS: 1) Pay two times the hourly basic rate on Sunday, New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day & Christmas Day. 2) Add \$1.50/hr night work premium. See DOT'S website for details about the applicability of this night work premium at: <a href="http://wisconsindot.gov/Pages/doing-bus/civil-rights/labornwage/prevailing-wage-compliance.aspx">http://wisconsindot.gov/Pages/doing-bus/civil-rights/labornwage/prevailing-wage-compliance.aspx</a> .	30.82	21.85	52.67
205	Pavement Marking Vehicle	23.82	17.72	41.54
206	Shadow or Pilot Vehicle	25.28	18.31	43.59
207	Truck Mechanic	25.28	18.31	43.59

## LABORERS

Fringe Benefits Must Be Paid On <u>All</u> Hours Worked		HOURLY BASIC RATE OF PAY	HOURLY FRINGE BENEFITS	TOTAL
CODE	TRADE OR OCCUPATION	\$	\$	\$
301	General Laborer Future Increase(s): Add \$1.00/hr eff. 06/01/2016; Add \$1.00/hr eff. 06/01/2017 Premium Increase(s): Add \$.10/hr for topman, air tool operator, vibrator or tamper operator (mechanical hand operated), chain saw operator and demolition burning torch laborer; Add \$.15/hr for bituminous worker (raker and luteman), formsetter (curb, sidewalk and pavement) and strike off man; Add \$.20/hr for blaster and powderman; Add \$.25/hr for bottomman; Add \$.35/hr for line and grade specialist; Add \$.45/hr for pipelayer. / DOT PREMIUMS: 1) Pay two times the hourly basic rate on Sunday, New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day & Christmas Day. 2) Add \$1.25/hr for work on projects involving temporary traffic control setup, for lane and shoulder closures, when work under artificial illumination conditions is necessary as required by the project provisions (including prep time prior to and/or cleanup after such time period).	30.95	15.65	46.60
302	Asbestos Abatement Worker	17.00	4.22	21.22
303	Landscaper Future Increase(s): Add \$1.00/hr eff. 06/01/2016; Add \$1.00/hr eff. 06/01/2017 Premium Increase(s): DOT PREMIUMS: 1) Pay two times the hourly basic rate on Sunday, New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day & Christmas Day. 2) Add \$1.25/hr for work on projects involving temporary traffic control setup, for lane and shoulder closures, when work under artificial illumination conditions is necessary as required by the project provisions (including prep time prior to and/or cleanup after such time period).	30.95	15.65	46.60
304	Flagperson or Traffic Control Person Future Increase(s): Add \$1.00/hr eff. 06/01/2016; Add \$1.00/hr eff. 06/01/2017 Premium Increase(s): DOT PREMIUMS: 1) Pay two times the hourly basic rate on Sunday, New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day & Christmas Day. 2) Add \$1.25/hr when the Wisconsin Department of Transportation or responsible governing agency requires that work be performed at night under artificial illumination with traffic control and the work is completed after sunset and before sunrise.	27.30	15.65	42.95

<b>Fringe Benefits Must Be Paid On <u>All</u> Hours Worked</b>				
<b>CODE</b>	<b>TRADE OR OCCUPATION</b>	<b>HOURLY BASIC RATE OF PAY</b>	<b>HOURLY FRINGE BENEFITS</b>	<b>TOTAL</b>
		\$	\$	\$
311	Fiber Optic Laborer (Outside, Other Than Concrete Encased)	19.35	0.00	19.35
314	Railroad Track Laborer	17.00	3.96	20.96

**HEAVY EQUIPMENT OPERATORS  
AIRPORT PAVEMENT OR STATE HIGHWAY CONSTRUCTION**

<b>Fringe Benefits Must Be Paid On <u>All</u> Hours Worked</b>				
<b>CODE</b>	<b>TRADE OR OCCUPATION</b>	<b>HOURLY BASIC RATE OF PAY</b>	<b>HOURLY FRINGE BENEFITS</b>	<b>TOTAL</b>
		\$	\$	\$
531	Crane, Tower Crane, Pedestal Tower or Derrick, With Boom, Leads &/or Jib Lengths Measuring 176 Ft or Over; Crane, Tower Crane, Pedestal Tower or Derrick, With or Without Attachments, With a Lifting Capacity of Over 100 Tons, Self-Erecting Tower Crane With a Lifting Capacity Of Over 4,000 Lbs., Crane With Boom Dollies; Traveling Crane (Bridge Type). Future Increase(s): Add \$1.30/hr on 6/1/2016; Add \$1.25/hr on 6/1/2017. Premium Increase(s): DOT PREMIUMS: 1) Pay two times the hourly basic rate on Sunday, New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day & Christmas Day. 2) Add \$1.50/hr night work premium. See DOT'S website for details about the applicability of this night work premium at: <a href="http://wisconsindot.gov/Pages/doing-bus/civil-rights/labornwage/prevailing-wage-compliance.aspx">http://wisconsindot.gov/Pages/doing-bus/civil-rights/labornwage/prevailing-wage-compliance.aspx</a> .	38.27	21.85	60.12
532	Backhoe (Track Type) Having a Mfgr.'s Rated Capacity of 130,000 Lbs. or Over; Caisson Rig; Crane, Tower Crane, Portable Tower, Pedestal Tower or Derrick, With Boom, Leads &/or Jib Lengths Measuring 175 Ft or Under; Crane, Tower Crane, Portable Tower, Pedestal Tower or Derrick, With or Without Attachments, With a Lifting Capacity of 100 Tons or Under, Self-Erecting Tower Crane With A Lifting Capacity Of 4,000 Lbs., & Under; Dredge (NOT Performing Work on the Great Lakes); Licensed Boat Pilot (NOT Performing Work on the Great Lakes); Pile Driver. Future Increase(s): Add \$1.30/hr on 6/1/2016; Add \$1.25/hr on 6/1/2017. Premium Increase(s): DOT PREMIUMS: 1) Pay two times the hourly basic rate on Sunday, New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day & Christmas Day. 2) Add \$1.50/hr night work premium. See DOT'S website for details about the applicability of this night work premium at: <a href="http://wisconsindot.gov/Pages/doing-bus/civil-rights/labornwage/prevailing-wage-compliance.aspx">http://wisconsindot.gov/Pages/doing-bus/civil-rights/labornwage/prevailing-wage-compliance.aspx</a> .	37.77	21.85	59.62

Fringe Benefits Must Be Paid On <u>All</u> Hours Worked		HOURLY BASIC RATE OF PAY	HOURLY FRINGE BENEFITS	TOTAL
CODE	TRADE OR OCCUPATION	\$	\$	\$
533	<p>Air Track, Rotary or Percussion Drilling Machine &amp;/or Hammers, Blaster; Asphalt Heater, Planer &amp; Scarifier; Asphalt Milling Machine; Asphalt Screed; Automatic Subgrader (Concrete); Backhoe (Track Type) Having a Mfgr.'s Rated Capacity of Under 130,000 Lbs., Backhoe (Mini, 15,000 Lbs. &amp; Under); Bituminous (Asphalt) Plant &amp; Paver, Screed; Boatmen (NOT Performing Work on the Great Lakes); Boring Machine (Directional, Horizontal or Vertical); Bridge (Bidwell) Paver; Bulldozer or Endloader; Concrete Batch Plant, Batch Hopper; Concrete Breaker (Large, Auto, Vibratory/Sonic, Manual or Remote); Concrete Bump Cutter, Grinder, Planing or Grooving Machine; Concrete Conveyor System; Concrete Laser/Screed; Concrete Paver (Slipform); Concrete Pump, Concrete Conveyor (Rotec or Bidwell Type); Concrete Slipform Placer Curb &amp; Gutter Machine; Concrete Spreader &amp; Distributor; Crane (Carry Deck, Mini) or Truck Mounted Hydraulic Crane (10 Tons or Under); Crane With a Lifting Capacity of 25 Tons or Under; Forestry Equipment, Timbco, Tree Shear, Tub Grinder, Processor; Gradall (Cruz-Aire Type); Grader or Motor Patrol; Grout Pump; Hydro-Blaster (10,000 PSI or Over); Loading Machine (Conveyor); Material or Stack Hoist; Mechanic or Welder; Milling Machine; Post Hole Digger or Driver; Roller (Over 5 Ton); Scraper (Self Propelled or Tractor Drawn) 5 cu yds or More Capacity; Shoulder Widener; Sideboom; Skid Rig; Stabilizing or Concrete Mixer (Self-Propelled or 14S or Over); Straddle Carrier or Travel Lift; Tractor (Scraper, Dozer, Pusher, Loader); Tractor or Truck Mounted Hydraulic Backhoe; Trencher (Wheel Type or Chain Type); Tube Finisher; Tugger (NOT Performing Work on the Great Lakes); Winches &amp; A-Frames.</p> <p>Future Increase(s): Add \$1.30/hr on 6/1/2016; Add \$1.25/hr on 6/1/2017.</p> <p>Premium Increase(s): DOT PREMIUMS: 1) Pay two times the hourly basic rate on Sunday, New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day &amp; Christmas Day. 2) Add \$1.50/hr night work premium. See DOT'S website for details about the applicability of this night work premium at: <a href="http://wisconsindot.gov/Pages/doing-bus/civil-rights/labornwage/prevailing-wage-compliance.aspx">http://wisconsindot.gov/Pages/doing-bus/civil-rights/labornwage/prevailing-wage-compliance.aspx</a>.</p>	37.27	21.85	59.12



Fringe Benefits Must Be Paid On <u>All</u> Hours Worked		HOURLY BASIC RATE OF PAY	HOURLY FRINGE BENEFITS	TOTAL
CODE	TRADE OR OCCUPATION	\$	\$	\$
534	<p>Belting, Burlap, Texturing Machine; Broom or Sweeper; Compactor (Self-Propelled or Tractor Mounted, Towed &amp; Light Equipment); Concrete Finishing Machine (Road Type); Environmental Burner; Farm or Industrial Type Tractor; Fireman (Asphalt Plant, Pile Driver &amp; Derrick NOT Performing Work on the Great Lakes); Forklift; Greaser; Hoist (Tugger, Automatic); Jeep Digger; Joint Sawyer (Multiple Blade); Launch (NOT Performing Work on the Great Lakes); Lift Slab Machine; Mechanical Float; Mulcher; Power Subgrader; Robotic Tool Carrier (With or Without Attachments); Roller (Rubber Tire, 5 Ton or Under); Self Propelled Chip Spreader; Shouldering Machine; Skid Steer Loader (With or Without Attachments); Telehandler; Tining or Curing Machine.</p> <p>Future Increase(s): Add \$1.30/hr on 6/1/2016; Add \$1.25/hr on 6/1/2017.</p> <p>Premium Increase(s): DOT PREMIUMS: 1) Pay two times the hourly basic rate on Sunday, New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day &amp; Christmas Day. 2) Add \$1.50/hr night work premium. See DOT'S website for details about the applicability of this night work premium at: <a href="http://wisconsindot.gov/Pages/doing-bus/civil-rights/labornwage/prevailing-wage-compliance.aspx">http://wisconsindot.gov/Pages/doing-bus/civil-rights/labornwage/prevailing-wage-compliance.aspx</a>.</p>	37.01	21.85	58.86
535	<p>Air Compressor (&amp;/or 400 CFM or Over); Air, Electric or Hydraulic Jacking System; Augers (Vertical &amp; Horizontal); Automatic Belt Conveyor &amp; Surge Bin; Boiler (Temporary Heat); Concrete Proportioning Plant; Crusher, Screening or Wash Plant; Generator (&amp;/or 150 KW or Over); Heaters (Mechanical); High Pressure Utility Locating Machine (Daylighting Machine); Mudjack; Oiler; Prestress Machine; Pug Mill; Pump (3 Inch or Over) or Well Points; Rock, Stone Breaker; Screed (Milling Machine); Stump Chipper; Tank Car Heaters; Vibratory Hammer or Extractor, Power Pack.</p> <p>Future Increase(s): Add \$1.30/hr on 6/1/2016; Add \$1.25/hr on 6/1/2017.</p> <p>Premium Increase(s): DOT PREMIUMS: 1) Pay two times the hourly basic rate on Sunday, New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day &amp; Christmas Day. 2) Add \$1.50/hr night work premium. See DOT'S website for details about the applicability of this night work premium at: <a href="http://wisconsindot.gov/Pages/doing-bus/civil-rights/labornwage/prevailing-wage-compliance.aspx">http://wisconsindot.gov/Pages/doing-bus/civil-rights/labornwage/prevailing-wage-compliance.aspx</a>.</p>	36.72	21.85	58.57
536	Fiber Optic Cable Equipment.	29.50	0.68	30.18
537	Work Performed on the Great Lakes Including Diver; Wet Tender or Hydraulic Dredge Engineer.	41.65	21.71	63.36
538	Work Performed on the Great Lakes Including 70 Ton & Over Tug Operator; Assistant Hydraulic Dredge Engineer; Crane or Backhoe Operator; Hydraulic Dredge Leverman or Diver's Tender; Mechanic or Welder.	41.65	21.71	63.36

<b>Fringe Benefits Must Be Paid On <u>All</u> Hours Worked</b>				
<b><u>CODE</u></b>	<b><u>TRADE OR OCCUPATION</u></b>	<b><u>HOURLY BASIC RATE OF PAY</u></b>	<b><u>HOURLY FRINGE BENEFITS</u></b>	<b><u>TOTAL</u></b>
		<b>\$</b>	<b>\$</b>	<b>\$</b>
539	Work Performed on the Great Lakes Including Deck Equipment Operator or Machineryman (Maintains Cranes Over 50 Tons or Backhoes 115,000 Lbs. or More); Tug, Launch or Loader, Dozer or Like Equipment When Operated on a Barge, Breakwater Wall, Slip, Dock or Scow, Deck Machinery.	36.72	21.15	57.87
540	Work Performed on the Great Lakes Including Deck Equipment Operator, Machineryman or Fireman (Operates 4 Units or More or Maintains Cranes 50 Tons or Under or Backhoes 115,000 Lbs. or Under); Deck Hand, Deck Engineer or Assistant Tug Operator; Off Road Trucks-Great Lakes ONLY.	36.72	21.15	57.87

**LOCAL STREET OR MISCELLANEOUS PAVING CONSTRUCTION**

Includes roads, streets, alleys, trails, bridges, paths, racetracks, parking lots and driveways (except residential or agricultural), public sidewalks or other similar projects (excluding projects awarded by the Wisconsin Department of Transportation).

**SKILLED TRADES**

Fringe Benefits Must Be Paid On <u>All</u> Hours Worked		HOURLY BASIC RATE OF PAY	HOURLY FRINGE BENEFITS	TOTAL
CODE	TRADE OR OCCUPATION	\$	\$	\$
103	Bricklayer, Blocklayer or Stonemason	32.82	18.67	51.49
105	Carpenter Future Increase(s): Add \$1.42/hr on 6/1/2016. Premium Increase(s): DOT PREMIUM: Pay two times the hourly basic rate on Sunday, New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day & Christmas Day.	33.02	17.12	50.14
107	Cement Finisher Future Increase(s): Add \$1.75 on 6/1/16. Premium Increase(s): DOT PREMIUMS: 1) Pay two times the hourly basic rate on Sunday, New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day & Christmas Day. 2) Add \$1.40/hr when the Wisconsin Department of Transportation or responsible governing agency requires that work be performed at night under artificial illumination with traffic control and the work is completed after sunset and before sunrise.	35.97	17.85	53.82
109	Electrician Future Increase(s): Add \$1.25/hr on 6/1/16. Premium Increase(s): DOT PREMIUM: Pay two times the hourly basic rate on Sunday, New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day & Christmas Day.	35.75	19.97	55.72
111	Fence Erector	18.72	5.78	24.50
116	Ironworker	32.50	20.58	53.08
118	Line Constructor (Electrical)	40.81	18.06	58.87
124	Painter	26.70	16.65	43.35
125	Pavement Marking Operator	30.00	18.81	48.81
126	Piledriver Future Increase(s): Add \$1.44/hr on 6/1/2016. Premium Increase(s): DOT PREMIUM: Pay two times the hourly basic rate on Sunday, New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day & Christmas Day.	33.56	17.12	50.68

Fringe Benefits Must Be Paid On <u>All</u> Hours Worked		HOURLY BASIC RATE OF PAY	HOURLY FRINGE BENEFITS	TOTAL
<u>CODE</u>	<u>TRADE OR OCCUPATION</u>	\$	\$	\$
133	Roofer or Waterproofer	29.65	1.71	31.36
137	Teledata Technician or Installer	22.50	12.74	35.24
143	Tuckpointer, Caulker or Cleaner	32.82	18.67	51.49
144	Underwater Diver (Except on Great Lakes)	36.74	16.00	52.74
150	Heavy Equipment Operator - ELECTRICAL LINE CONSTRUCTION ONLY	36.73	15.92	52.65
151	Light Equipment Operator -ELECTRICAL LINE CONSTRUCTION ONLY	32.65	15.52	48.17
152	Heavy Truck Driver - ELECTRICAL LINE CONSTRUCTION ONLY	28.57	13.71	42.28
153	Light Truck Driver - ELECTRICAL LINE CONSTRUCTION ONLY	26.53	13.55	40.08
154	Groundman - ELECTRICAL LINE CONSTRUCTION ONLY	21.75	12.97	34.72

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**TRUCK DRIVERS**

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Fringe Benefits Must Be Paid On <u>All</u> Hours Worked		HOURLY BASIC RATE OF PAY	HOURLY FRINGE BENEFITS	TOTAL
<u>CODE</u>	<u>TRADE OR OCCUPATION</u>	\$	\$	\$
201	Single Axle or Two Axle	18.00	0.00	18.00
203	Three or More Axle	18.00	0.00	18.00
204	Articulated, Euclid, Dumptor, Off Road Material Hauler Future Increase(s): Add \$1.60/hr on 6/3/2016.	34.69	20.38	55.07
205	Pavement Marking Vehicle	18.00	0.00	18.00
206	Shadow or Pilot Vehicle	18.00	0.00	18.00
207	Truck Mechanic	18.00	0.00	18.00

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**LABORERS**

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Fringe Benefits Must Be Paid On <u>All</u> Hours Worked		HOURLY BASIC RATE OF PAY	HOURLY FRINGE BENEFITS	TOTAL
<u>CODE</u>	<u>TRADE OR OCCUPATION</u>	\$	\$	\$
301	General Laborer	26.34	15.17	41.51

<b>Fringe Benefits Must Be Paid On All Hours Worked</b>		<b>HOURLY BASIC RATE OF PAY</b>	<b>HOURLY FRINGE BENEFITS</b>	<b>TOTAL</b>
<b>CODE</b>	<b>TRADE OR OCCUPATION</b>	<b>\$</b>	<b>\$</b>	<b>\$</b>
303	Landscaper Future Increase(s): Add \$1.00/hr eff. 06/01/2016; Add \$1.00/hr eff. 06/01/2017 Premium Increase(s): DOT PREMIUMS: 1) Pay two times the hourly basic rate on Sunday, New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day & Christmas Day. 2) Add \$1.25/hr for work on projects involving temporary traffic control setup, for lane and shoulder closures, when work under artificial illumination conditions is necessary as required by the project provisions (including prep time prior to and/or cleanup after such time period).	30.67	15.65	46.32
304	Flagperson or Traffic Control Person	20.92	14.80	35.72
311	Fiber Optic Laborer (Outside, Other Than Concrete Encased)	19.35	0.00	19.35
314	Railroad Track Laborer	17.00	3.96	20.96

**HEAVY EQUIPMENT OPERATORS  
CONCRETE PAVEMENT OR BRIDGE WORK**

<b>Fringe Benefits Must Be Paid On All Hours Worked</b>		<b>HOURLY BASIC RATE OF PAY</b>	<b>HOURLY FRINGE BENEFITS</b>	<b>TOTAL</b>
<b>CODE</b>	<b>TRADE OR OCCUPATION</b>	<b>\$</b>	<b>\$</b>	<b>\$</b>
541	Crane, Tower Crane, Pedestal Tower or Derrick, With or Without Attachments, With a Lifting Capacity of Over 100 Tons, Self-Erecting Tower Crane With a Lifting Capacity Of Over 4,000 Lbs., Crane With Boom Dollies; Crane, Tower Crane, Pedestal Tower or Derrick, With Boom, Leads &/or Jib Lengths Measuring 176 Ft or Over; Master Mechanic. Future Increase(s): Add \$1.60/hr on 6/3/2016. Premium Increase(s): Add \$.50/hr for >200 Ton; Add \$1/hr at 300 Ton; Add \$1.50/hr at 400 Ton; Add \$2/hr at 500 Ton & Over.	37.67	20.38	58.05

Fringe Benefits Must Be Paid On <u>All</u> Hours Worked		HOURLY BASIC RATE OF PAY	HOURLY FRINGE BENEFITS	TOTAL
CODE	TRADE OR OCCUPATION	\$	\$	\$
542	<p>Backhoe (Track Type) Having a Mfgr.'s Rated Capacity of 130,000 Lbs. or Over; Caisson Rig; Crane, Tower Crane, Portable Tower, Pedestal Tower or Derrick, With or Without Attachments, With a Lifting Capacity of 100 Tons or Under, Self-Erecting Tower Crane With a Lifting Capacity of 4,000 Lbs. &amp; Under; Crane, Tower Crane Portable Tower, Pedestal Tower or Derrick, With Boom, Leads &amp;/or Jib Lengths Measuring 175 Ft or Under; Dredge (NOT Performing Work on the Great Lakes); Licensed Boat Pilot (NOT Performing Work on the Great Lakes); Pile Driver.</p> <p>Future Increase(s): Add \$1.30/hr on 6/1/2016; Add \$1.25/hr on 6/1/2017.</p> <p>Premium Increase(s): DOT PREMIUMS: 1) Pay two times the hourly basic rate on Sunday, New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day &amp; Christmas Day. 2) Add \$1.50/hr night work premium. See DOT'S website for details about the applicability of this night work premium at: <a href="http://wisconsindot.gov/Pages/doing-bus/civil-rights/labornwage/prevailing-wage-compliance.aspx">http://wisconsindot.gov/Pages/doing-bus/civil-rights/labornwage/prevailing-wage-compliance.aspx</a>.</p>	37.77	21.85	59.62
543	<p>Air Track, Rotary or Percussion Drilling Machine &amp;/or Hammers, Blaster; Automatic Subgrader (Concrete); Backhoe (Track Type) Having a Mfgr.'s Rated Capacity of Under 130,000 Lbs., Backhoe (Mini, 15,000 Lbs. &amp; Under); Boring Machine (Directional, Horizontal or Vertical); Bridge (Bidwell) Paver; Bulldozer or Endloader; Concrete Batch Plant, Batch Hopper; Concrete Breaker (Large, Auto, Vibratory/Sonic, Manual or Remote); Concrete Bump Cutter, Grinder, Planing or Grooving Machine; Concrete Conveyor System; Concrete Laser/Screed; Concrete Paver (Slipform); Concrete Pump, Concrete Conveyor (Rotec or Bidwell Type); Concrete Slipform Placer Curb &amp; Gutter Machine; Concrete Spreader &amp; Distributor; Crane (Carry Deck, Mini) or Truck Mounted Hydraulic Crane (10 Tons or Under); Crane With a Lifting Capacity of 25 Tons or Under; Forestry Equipment, Timbco, Tree Shear, Tub Grinder, Processor; Gradall (Cruz-Aire Type); Grader or Motor Patrol; Grout Pump; Hydro-Blaster (10,000 PSI or Over); Loading Machine (Conveyor); Manhoist; Material or Stack Hoist; Mechanic or Welder; Milling Machine; Post Hole Digger or Driver; Scraper (Self Propelled or Tractor Drawn) 5 cu yds or More Capacity; Shoulder Widener; Sideboom; Skid Rig; Stabilizing or Concrete Mixer (Self-Propelled or 14S or Over); Straddle Carrier or Travel Lift; Tractor (Scraper, Dozer, Pusher, Loader); Tractor or Truck Mounted Hydraulic Backhoe; Trencher (Wheel Type or Chain Type); Tube Finisher; Tugger (NOT Performing Work on the Great Lakes); Winches &amp; A-Frames.</p> <p>Future Increase(s): Add \$1.30/hr on 6/1/2016; Add \$1.25/hr on 6/1/2017.</p> <p>Premium Increase(s): DOT PREMIUMS: 1) Pay two times the hourly basic rate on Sunday, New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day &amp; Christmas Day. 2) Add \$1.50/hr night work premium. See DOT'S website for details about the applicability of this night work premium at: <a href="http://wisconsindot.gov/Pages/doing-bus/civil-rights/labornwage/prevailing-wage-compliance.aspx">http://wisconsindot.gov/Pages/doing-bus/civil-rights/labornwage/prevailing-wage-compliance.aspx</a>.</p>	37.27	21.85	59.12

Fringe Benefits Must Be Paid On <u>All</u> Hours Worked		HOURLY BASIC RATE OF PAY	HOURLY FRINGE BENEFITS	TOTAL
CODE	TRADE OR OCCUPATION	\$	\$	\$
544	Backfiller; Belting, Burlap, Texturing Machine; Broom or Sweeper; Compactor (Self-Propelled or Tractor Mounted, Towed & Light Equipment); Concrete Finishing Machine (Road Type); Environmental Burner; Farm or Industrial Type Tractor; Fireman (Pile Driver & Derrick NOT Performing Work on the Great Lakes); Forklift; Greaser; Jeep Digger; Joint Sawyer (Multiple Blade); Launch (NOT Performing Work on the Great Lakes); Lift Slab Machine; Mechanical Float; Mulcher; Power Subgrader; Robotic Tool Carrier (With or Without Attachments); Self Propelled Chip Spreader; Shouldering Machine; Skid Steer Loader (With or Without Attachments); Telehandler; Tining or Curing Machine. Future Increase(s): Add \$1.30/hr on 6/1/2016; Add \$1.25/hr on 6/1/2017. Premium Increase(s): DOT PREMIUMS: 1) Pay two times the hourly basic rate on Sunday, New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day & Christmas Day. 2) Add \$1.50/hr night work premium. See DOT'S website for details about the applicability of this night work premium at: <a href="http://wisconsindot.gov/Pages/doing-bus/civil-rights/labornwage/prevailing-wage-compliance.aspx">http://wisconsindot.gov/Pages/doing-bus/civil-rights/labornwage/prevailing-wage-compliance.aspx</a> .	37.27	21.85	59.12
545	Air Compressor (&/or 400 CFM or Over); Air, Electric or Hydraulic Jacking System; Automatic Belt Conveyor & Surge Bin; Boiler (Temporary Heat); Concrete Proportioning Plant; Crusher, Screening or Wash Plant; Generator (&/or 150 KW or Over); Heaters (Mechanical); High Pressure Utility Locating Machine (Daylighting Machine); Mudjack; Oiler; Prestress Machine; Pug Mill; Pump (3 Inch or Over) or Well Points; Rock, Stone Breaker; Screed (Milling Machine); Stump Chipper; Tank Car Heaters; Vibratory Hammer or Extractor, Power Pack.	31.62	19.78	51.40
546	Fiber Optic Cable Equipment.	29.50	0.68	30.18
547	Work Performed on the Great Lakes Including Diver; Wet Tender or Hydraulic Dredge Engineer.	41.65	21.71	63.36
548	Work Performed on the Great Lakes Including 70 Ton & Over Tug Operator; Assistant Hydraulic Dredge Engineer; Crane or Backhoe Operator; Hydraulic Dredge Leverman or Diver's Tender; Mechanic or Welder. Future Increase(s): Add \$1.25/hr on 1/1/2017. Premium Increase(s): Add \$.50/hr for Friction Crane, Lattice Boom or Crane Certification (CCO).	44.05	23.24	67.29
549	Work Performed on the Great Lakes Including Deck Equipment Operator or Machineryman (Maintains Cranes Over 50 Tons or Backhoes 115,000 Lbs. or more); Tug, Launch or Loader, Dozer or Like Equipment When Operated on a Barge, Breakwater Wall, Slip, Dock or Scow, Deck Machinery.	36.72	21.15	57.87

550	Work Performed on the Great Lakes Including Deck Equipment Operator; Machineryman or Fireman (Operates 4 Units or More or Maintains Cranes 50 Tons or Under or Backhoes 115,000 Lbs. or Under); Deck Hand, Deck Engineer or Assistant Tug Operator; Off Road Trucks - Great Lakes ONLY.	36.72	21.15	57.87
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**HEAVY EQUIPMENT OPERATORS  
ASPHALT PAVEMENT OR OTHER WORK**

Fringe Benefits Must Be Paid On All Hours Worked

<u>CODE</u>	<u>TRADE OR OCCUPATION</u>	<u>HOURLY BASIC RATE OF PAY</u> \$	<u>HOURLY FRINGE BENEFITS</u> \$	<u>TOTAL</u> \$
551	Crane, Tower Crane, Pedestal Tower or Derrick, With or Without Attachments, With a Lifting Capacity of Over 100 Tons, Self Erecting Tower Crane With a Lifting Capacity of Over 4,000 Lbs., Crane With Boom Dollies; Crane, Tower Crane, Pedestal Tower or Derrick, With Boom, Leads and/or Jib Lengths Measuring 176 Ft or Over; Master Mechanic.	36.67	19.78	56.45
552	Backhoe (Track Type) Having a Mfgr.'s Rated Capacity of 130,000 Lbs. or Over; Caisson Rig; Crane, Tower Crane, Portable Tower, Pedestal Tower or Derrick, With or Without Attachments, With a Lifting Capacity of 100 Tons or Under, Self-Erecting Tower Crane With a Lifting Capacity Of 4,000 Lbs. & Under; Crane, Tower Crane, Portable Tower, Pedestal Tower or Derrick, With Boom, Leads &/or Jib Lengths Measuring 175 Ft or Under; Dredge (NOT Performing Work on the Great Lakes); Licensed Boat Pilot (NOT Performing Work on the Great Lakes); Pile Driver. Future Increase(s): Add \$1.30/hr on 6/1/2016; Add \$1.25/hr on 6/1/2017. Premium Increase(s): DOT PREMIUMS: 1) Pay two times the hourly basic rate on Sunday, New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day & Christmas Day. 2) Add \$1.50/hr night work premium. See DOT'S website for details about the applicability of this night work premium at: <a href="http://wisconsindot.gov/Pages/doing-bus/civil-rights/labornwage/prevailing-wage-compliance.aspx">http://wisconsindot.gov/Pages/doing-bus/civil-rights/labornwage/prevailing-wage-compliance.aspx</a> .	37.77	21.85	59.62



<b>Fringe Benefits Must Be Paid On <u>All</u> Hours Worked</b>		<b>HOURLY BASIC RATE OF PAY</b>	<b>HOURLY FRINGE BENEFITS</b>	<b>TOTAL</b>
<b>CODE</b>	<b>TRADE OR OCCUPATION</b>	<b>\$</b>	<b>\$</b>	<b>\$</b>
553	Air, Track, Rotary or Percussion Drilling Machine &/or Hammers, Blaster; Asphalt Heater, Planer & Scarifier; Asphalt Milling Machine; Asphalt Screed; Backhoe (Track Type) Having a Mfgr.'s Rated Capacity of Under 130,000 Lbs., Backhoe (Mini, 15,000 Lbs. & Under); Bituminous (Asphalt) Plant & Paver, Screed; Boring Machine (Directional, Horizontal or Vertical); Bulldozer or Endloader; Concrete Breaker (Large, Auto, Vibratory/Sonic, Manual or Remote); Concrete Conveyor System; Concrete Laser/Screed; Concrete Slipform Placer Curb & Gutter Machine; Crane (Carry Deck, Mini) or Truck Mounted Hydraulic Crane (10 Tons or Under); Crane With a Lifting Capacity of 25 Tons or Under; Forestry Equipment, Timbco, Tree Shear, Tub Grinder, Processor; Gradall (Cruz-Aire Type); Grader or Motor Patrol; Hydro-Blaster (10,000 PSI or Over); Loading Machine (Conveyor); Manhoist; Material or Stack Hoist; Mechanic or Welder; Milling Machine; Post Hole Digger or Driver; Railroad Track Rail Leveling Machine, Tie Placer, Extractor, Tamper, Stone Leveler or Rehabilitation Equipment; Roller (Over 5 Ton); Scraper (Self Propelled or Tractor Drawn) 5 cu yds or More Capacity; Shoulder Widener; Sideboom; Skid Rig; Stabilizing or Concrete Mixer (Self-Propelled or 14S or Over); Tractor (Scraper, Dozer, Pusher, Loader); Tractor or Truck Mounted Hydraulic Backhoe; Trencher (Wheel Type or Chain Type); Tube Finisher; Tugger (NOT Performing Work on the Great Lakes); Winches & A-Frames. Future Increase(s): Add \$1.60/hr on 6/3/2016.	34.69	20.38	55.07
554	Backfiller; Broom or Sweeper; Compactor (Self-Propelled or Tractor Mounted, Towed & Light Equipment); Concrete Finishing Machine (Road Type); Environmental Burner; Farm or Industrial Type Tractor; Fireman (Asphalt Plant, Pile Driver & Derrick NOT Performing Work on the Great Lakes); Forklift; Greaser; Hoist (Tugger, Automatic); Jeep Digger; Joint Sawyer (Multiple Blade); Launch (NOT Performing Work on the Great Lakes); Lift Slab Machine; Mechanical Float; Mulcher; Power Subgrader; Robotic Tool Carrier (With or Without Attachments); Roller (Rubber Tire, 5 Ton or Under); Self-Propelled Chip Spreader; Shouldering Machine; Skid Steer Loader (With or Without Attachments); Telehandler.	36.17	19.19	55.36
555	Air Compressor (&/or 400 CFM or Over); Air, Electric or Hydraulic Jacking System; Augers (Vertical & Horizontal); Automatic Belt Conveyor & Surge Bin; Boiler (Temporary Heat); Crusher, Screening or Wash Plant; Generator (&/or 150 KW or Over); Heaters (Mechanical); High Pressure Utility Locating Machine (Daylighting Machine); Mudjack; Oiler; Prestress Machine; Pug Mill; Pump (3 Inch or Over) or Well Points; Rock, Stone Breaker; Screed (Milling Machine); Stump Chipper; Tank Car Heaters; Vibratory Hammer or Extractor, Power Pack. Future Increase(s): Add \$1.60/hr on 6/3/2016.	32.62	20.38	53.00
556	Fiber Optic Cable Equipment.	29.50	0.68	30.18

<b>RESIDENTIAL OR AGRICULTURAL CONSTRUCTION</b>
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Includes single family houses or apartment buildings of no more than four (4) stories in height and all buildings, structures or facilities that are primarily used for agricultural or farming purposes, excluding commercial buildings. For classification purposes, the exterior height of a residential building, in terms of stories, is the primary consideration. All incidental items such as site work, driveways, parking lots, private sidewalks, private septic systems or sewer and water laterals connected to a public system and swimming pools are included within this definition. Residential buildings of five (5) stories and above are NOT included within this definition.

<b>SKILLED TRADES</b>
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<u>CODE</u>	<u>TRADE OR OCCUPATION</u>	<u>HOURLY BASIC RATE OF PAY</u> \$	<u>HOURLY FRINGE BENEFITS</u> \$	<u>TOTAL</u> \$
Fringe Benefits Must Be Paid On <u>All</u> Hours Worked				
101	Acoustic Ceiling Tile Installer	37.41	0.00	37.41
102	Boilermaker	33.35	28.29	61.64
103	Bricklayer, Blocklayer or Stonemason	32.82	9.93	42.75
104	Cabinet Installer	20.00	0.46	20.46
105	Carpenter	25.39	5.03	30.42
106	Carpet Layer or Soft Floor Coverer	24.04	4.89	28.93
107	Cement Finisher	23.86	3.43	27.29
108	Drywall Taper or Finisher	27.00	0.00	27.00
109	Electrician	20.00	12.47	32.47
110	Elevator Constructor	46.05	27.09	73.14
111	Fence Erector	19.45	4.70	24.15
112	Fire Sprinkler Fitter	33.00	18.96	51.96
113	Glazier	38.27	14.42	52.69
114	Heat or Frost Insulator	17.00	0.00	17.00
115	Insulator (Batt or Blown)	20.00	12.35	32.35
116	Ironworker	24.30	14.25	38.55
117	Lather	25.39	5.03	30.42
119	Marble Finisher	25.72	18.54	44.26
120	Marble Mason	32.82	9.93	42.75
121	Metal Building Erector	13.60	6.57	20.17
123	Overhead Door Installer	18.00	0.00	18.00
124	Painter	26.24	0.00	26.24
125	Pavement Marking Operator	30.00	18.81	48.81

Fringe Benefits Must Be Paid On <u>All</u> Hours Worked		HOURLY BASIC RATE OF PAY	HOURLY FRINGE BENEFITS	TOTAL
<u>CODE</u>	<u>TRADE OR OCCUPATION</u>	\$	\$	\$
129	Plasterer	30.00	9.21	39.21
130	Plumber	30.00	11.56	41.56
132	Refrigeration Mechanic	22.50	9.03	31.53
133	Roofer or Waterproofer	21.00	4.10	25.10
134	Sheet Metal Worker	23.22	5.45	28.67
135	Steamfitter	17.05	0.94	17.99
137	Teledata Technician or Installer	22.50	12.74	35.24
138	Temperature Control Installer	22.50	2.36	24.86
139	Terrazzo Finisher	25.72	18.54	44.26
140	Terrazzo Mechanic	33.67	17.82	51.49
141	Tile Finisher	30.00	0.00	30.00
142	Tile Setter Future Increase(s): Add \$1.45/hr on 6/06/2016.	31.59	19.61	51.20
143	Tuckpointer, Caulker or Cleaner	25.00	2.99	27.99
146	Well Driller or Pump Installer	29.00	0.64	29.64
147	Siding Installer	14.00	0.00	14.00

#### TRUCK DRIVERS

Fringe Benefits Must Be Paid On <u>All</u> Hours Worked		HOURLY BASIC RATE OF PAY	HOURLY FRINGE BENEFITS	TOTAL
<u>CODE</u>	<u>TRADE OR OCCUPATION</u>	\$	\$	\$
201	Single Axle or Two Axle	16.50	0.50	17.00
203	Three or More Axle	21.53	3.34	24.87
205	Pavement Marking Vehicle	21.53	3.34	24.87
207	Truck Mechanic	21.53	3.34	24.87

#### LABORERS

Fringe Benefits Must Be Paid On <u>All</u> Hours Worked		HOURLY BASIC RATE OF PAY	HOURLY FRINGE BENEFITS	TOTAL
<u>CODE</u>	<u>TRADE OR OCCUPATION</u>	\$	\$	\$
301	General Laborer	17.20	9.26	26.46
302	Asbestos Abatement Worker	18.00	3.22	21.22

<b>Fringe Benefits Must Be Paid On <u>All</u> Hours Worked</b>				
<b>CODE</b>	<b>TRADE OR OCCUPATION</b>	<b>HOURLY BASIC RATE OF PAY</b>	<b>HOURLY FRINGE BENEFITS</b>	<b>TOTAL</b>
		\$	\$	\$
303	Landscaper	15.00	4.03	19.03
311	Fiber Optic Laborer (Outside, Other Than Concrete Encased)	19.35	0.00	19.35
315	Final Construction Clean-Up Worker	15.00	0.00	15.00

**HEAVY EQUIPMENT OPERATORS  
RESIDENTIAL OR AGRICULTURAL CONSTRUCTION**

<b>Fringe Benefits Must Be Paid On <u>All</u> Hours Worked</b>				
<b>CODE</b>	<b>TRADE OR OCCUPATION</b>	<b>HOURLY BASIC RATE OF PAY</b>	<b>HOURLY FRINGE BENEFITS</b>	<b>TOTAL</b>
		\$	\$	\$
557	Asphalt Heater, Planer & Scarifier; Asphalt Milling Machine; Asphalt Screed; Backhoe (Track Type); Backhoe (Mini, 15,000 Lbs. & Under); Bituminous (Asphalt) Plant & Paver, Screed; Boring Machine (Directional, Horizontal or Vertical); Bulldozer or Endloader; Concrete Breaker (Large, Auto, Vibratory/Sonic, Manual or Remote); Concrete Bump Cutter, Grinder, Planing or Grooving Machine; Concrete Conveyor System; Concrete Laser/Screed; Concrete Paver (Slipform); Concrete Pump, Concrete Conveyor (Rotec or Bidwell Type); Concrete Slipform Placer Curb & Gutter Machine; Concrete Spreader & Distributor; Crane (Carry Deck, Mini) or Truck Mounted Hydraulic Crane (10 Tons or Under); Crane With a Lifting Capacity of 25 Tons or Under; Crane, Shovel, Dragline, Clamshells; Forestry Equipment, Tlmbco, Tree Shear, Tub Grinder, Processor; Grader or Motor Patrol; Grout Pump; Hydro-Blaster (10,000 PSI or Over); Loading Machine (Conveyor); Manhoist; Material or Stack Hoist; Mechanic or Welder; Milling Machine; Roller (Over 5 Ton); Scraper (Self Propelled or Tractor Drawn) 5 cu yds or More Capacity; Shoulder Widener; Skid Rig; Stabilizing or Concrete Mixer (Self-Propelled or 14S or Over); Tractor (Scraper, Dozer, Pusher, Loader); Tractor or Truck Mounted Hydraulic Backhoe; Tractor or Truck Mounted Hydraulic Crane (10 Tons or Under); Trencher (Wheel Type or Chain Type); Winches & A-Frames.	34.22	19.55	53.77
558	Air Compressor (&/or 400 CFM or Over); Air, Electric or Hydraulic Jacking System; Backfiller; Belting, Burlap, Texturing Machine; Boiler (Temporary Heat); Broom or Sweeper; Compactor (Self-Propelled or Tractor Mounted, Towed & Light Equipment); Concrete Finishing Machine (Road Type); Farm or Industrial Type Tractor; Forklift; Generator (&/or 150 KW or Over); Heaters (Mechanical); High Pressure Utility Locating Machine (Daylighting Machine); Jeep Digger; Lift Slab Machine; Mulcher; Oiler; Post Hole Digger or Driver; Power Subgrader; Pump (3 Inch or Over) or Well Points; Robotic Tool Carrier (With or Without Attachments); Rock, Stone Breaker; Roller (Rubber Tire, 5 Tons or Under); Screed (Milling Machine); Self Propelled Chip Spreader; Shouldering Machine; Skid Steer Loader (With or Without Attachments); Stump Chipper; Telehandler; Vibratory Hammer or Extractor, Power Pack. Future Increase(s): Add \$1.60/hr on 6/3/2016.	31.99	20.38	52.37

\*\*\*\*\* END OF RATES \*\*\*\*\*

Department of Workforce Development  
Equal Rights Division  
P.O. Box 8928  
Madison, WI 53708-8928  
Telephone: (608) 266-6860  
Fax: (608) 267-4592  
TTY: (608) 264-8752



Scott Walker, Governor  
Reginald J. Newson, Secretary

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***THE 2015-17 BUDGET BILL MADE SIGNIFICANT CHANGES TO WISCONSIN'S PREVAILING WAGE LAWS. HOWEVER, THOSE CHANGES DO NOT GO INTO EFFECT UNTIL JANUARY 1, 2017.***

During calendar year 2016, DWD will continue to enforce prevailing wage laws for local governmental unit and state agency public works projects under current prevailing wage laws.

2015 Wisconsin Act 55 (the budget bill) repealed the state prevailing wage law for **local governmental units** such as villages, towns, cities, school districts, or sewerage districts effective January 1, 2017. However, if a local governmental unit:

- issues a Request for Bids before January 1, 2017, for a project of public works that is subject to bidding or,
- enters into a contract before January 1, 2017, for a project of public works that is not subject to bidding,

then those public works projects are subject to the current prevailing wage law (§66.0903, Wis. Stats.) through the life of the project. Projects of public works with prevailing wage project determinations issued prior to 2017 continue to be subject to the current prevailing wage law through the life of the project even though the project may have work going on in 2017 or subsequent years.

Contractors working on local governmental unit projects with prevailing wage rate determinations must continue to pay employees the appropriate prevailing wage and maintain required prevailing wage payroll records. For instance, if a contractor is working in 2018 on a public works project with a project determination issued prior to 2017, then the contractor is required to comply with the "old" prevailing wage rate law (§66.0903, Wis. Stats.). After January 1, 2017, DWD will continue to enforce prevailing wage requirements for projects with DWD prevailing wage determinations issued under the "old" prevailing wage laws (§§ 66.0903 & 103.49, Wis. Stats.).

For new public works projects starting on January 1, 2017, state prevailing wage law will only apply to **state agency** and **state highway** projects. Prevailing wage rates applicable to state agencies will be those issued by the U.S. Department of Labor under the Davis-Bacon Act, 40 U.S.C. 3142. The Wisconsin Department of Administration will enforce the new state agency prevailing wage law (§16.856, Wis. Stats.) and the Wisconsin Department of Transportation will continue to enforce prevailing wage on state highway projects (under a law renumbered as §84.062, Wis. Stats.).

(Updated-122216)

## **POST THE WHITE SHEET**

As the public entity receiving this prevailing wage rate determination, **YOU ARE REQUIRED** by law to post the prevailing wage rate determination (i.e., white sheet) in at least one conspicuous and easily accessible place on the project site that is available to all construction workers. The white sheet must remain posted from the onset of the project until all construction labor on the project has been completed.

[See, Wis. Admin. Code §DWD 290.12(1)]

Posting the white sheet inside the general contractor's trailer does not meet this requirement. That placement is not available/accessible to all workers and is not a location over which you have control.

If you have questions about posting, please call (608)266-6861 and ask for prevailing wage intake.

Department of Workforce Development  
Equal Rights Division  
P.O. Box 8928  
Madison, WI 53708-8928  
Telephone: (608) 266-6860  
Fax: (608) 267-4592  
TTY: (608) 264-8752



Scott Walker, Governor  
Reginald J. Newson, Secretary

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## PREVAILING WAGE – Contractors

Any public works project that has a total estimated project cost that equals or exceeds prevailing wage project thresholds requires a prevailing wage rate determination issued by the Department of Workforce Development (DWD). Public works include erecting, constructing, remodeling, repairing, demolishing, alterations, painting and decorating projects for a local governmental unit or state agency. State law excludes minor service or maintenance work, warranty work, or work under a supply-and-installation contract. There is a statutory definition for most of these exclusions. The prevailing wage laws that apply to local governmental units and their contractors are §§66.0903 and 103.503, Wis. Stats. The prevailing wage laws that apply to state agencies and their contractors are §§103.49 and 103.503, Wis. Stats. The applicable administrative rules for all prevailing wage projects are DWD 290 and DWD 294, Wis. Adm. Code. These laws include provisions that apply to all contractors and subcontractors working on prevailing wage projects.

Any contractor or subcontractor working on a local governmental unit or state agency's public works project that equals or exceeds current prevailing wage project thresholds must do all of the following:

- Receive and review the project's prevailing wage rate determination (i.e., white sheet).
- Tell subcontractors the project is subject to state prevailing wage law and include the prevailing wage rate determination in the construction contract, or if there is no written contract, provide a copy of the project determination to each subcontractor.
- Hire subcontractors who do *not* appear on the "Consolidated List of Debarred Contractors."
- Have a written substance abuse testing program in place that fulfills the requirements of §103.503, Wis. Stats., before commencing work on the project.

- Notify subcontractors that if DWD finds that a contractor or subcontractor violated the prevailing wage law, DWD will assess liquidated damages of 100% of the wages owed to employees.
- Apply to DWD for subjourney wage rates prior to employing these individuals on the project.
- Receive and retain a completed Affidavit of Compliance from each subcontractor brought on to the project before providing final payment to those subcontractors.
- Submit a completed Affidavit of Compliance to the contractor who brought the subcontractor on to the project before receiving final payment for the project.
- Maintain payroll records for 3 years that comply with §§66.0903(10)(a) or 103.49(5)(a), Stats. and DWD 274.06.
- Respond to requests from DWD or the project owner to provide payroll records and/or respond to prevailing wage complaints filed by employees or third parties.

For more information, visit the prevailing wage website: [http://dwd.wisconsin.gov/er/prevailing\\_wage\\_rate/default.htm](http://dwd.wisconsin.gov/er/prevailing_wage_rate/default.htm). For further assistance, call the Equal Rights Division at 608-266-6861 and ask for prevailing wage.