West Virginia Community and Technical College System
West Virginia University - Parkersburg
M&G Project No. 18-053
Request for Bids No. 19061

ADDENDUM NO. 1
October 18, 2018

I. PRE-BID MEETING MINUTES - OCTOBER 16, 2018, 10:00 AM:

General Discussion of the Project

A. The Work of the project is defined by the Contract Documents and consists of the following:

B. Work under this contract addresses renovations and upgrades to the existing Weirton and New Martinsville Campuses for West Virginia Northern Community College. Work under this contract includes but is not limited to:

1. Demolition
2. Architectural and Structural Components

C. Type of Contract:

1. Project will be constructed under a single prime contract.

D. Project Schedule:

2. Mandatory Pre-Bid Meeting .............................................. 10:00 AM, October 16, 2018.
3. Last Day for Substitution Requests .......................... 4:00 PM, October 15, 2018.
4. Last Day for Contractor Questions .......................... 4:00 PM, October 19, 2018.
5. Bid Opening/Bid Review ...................................................... 3:00 PM October 25, 2018.
7. Substantial Completion ........................................... 238 Calendar Days From Notice to Proceed Date.

Bidding Requirements

The following items shall be incorporated as a part of the Project Manual and Construction Drawings for this project and as such, shall be honored in your proposal.

A. Sealed proposals (one original) for the Renovations at WVNCC Weirton and New Martinsville campuses will be received by the Community and Technical College System of West Virginia, at 1018 Kanawha Boulevard East, Suite 700, Charleston, West Virginia 25301, until 3:00 PM local time on October 25, 2018, at which time and place all bids will be opened publicly.
and read aloud. After opening, the bids will be compared for quality, thoroughness, and cost by the Owner and M&G Architects & Engineers. Hard copies of bids are required at the above listed address. Electronic submissions are not acceptable. Reference AIA Document A701 and WV Supplementary Instructions to Bidders for AIA Document A701-1997 in the Project Manual.

B. Copies of the Bidding Documents will be available on or after September 5, 2018, at the office of the Architect, M&G Architects & Engineers, at the address noted below, upon payment of a deposit of $250.00 per hard copy set. The deposit will be refunded if the bidding documents are returned in good condition within ten days following receipt of bids. Electronic copies of the bidding documents are also available in pdf format for a non-refundable cost of $50.00. All bids must be submitted in accordance with the requirements listed in the bidding documents to be considered valid.

C. Owner: Community and Technical College System of West Virginia, Attention: Mr. Richard Donovan.

D. West Virginia University – Parkersburg contact for additional site visits: Bob Cooper. E-mail: rcooper@wvup.edu; Phone: (304) 424-8265

1. All additional site visits must be scheduled with the College’s contact.

E. All requests for clarification during bidding shall be submitted in writing via e-mail to: mg1@mgarc.com. The deadline for requests for clarification is 4:00 PM, October 19, 2018. No verbal response to requests for clarification will be given.

F. All requests for substitution during bidding shall be submitted in writing via email to: mg1@mgarc.com. The deadline for requests for substitution is 4:00 PM, October 15, 2018. Reference AIA A701, paragraph 3.3, Substitutions, for requirements of submission.

G. Bidders must follow exactly all the directions included in the Project Manual.

H. Bids must be submitted with the Form of Proposal completed and all related attachments included.

I. Liquidated damages of $500.00 per day will be applied if work is not substantially complete after 238 calendar days.

J. Contractor is responsible for all applicable taxes and fees. No B&O Tax is assessed.

K. The authority having jurisdiction for this project is the West Virginia State Fire Marshal.

Alternates

A. ALTERNATE NO. 1: 90 mil EPDM roofing system in lieu of 60 mil system.

B. ALTERNATE NO. 2: Sprinkler Area ‘B’

C. ALTERNATE NO. 3: Sprinkler Area ‘C’
D. ALTERNATE NO. 4: Sprinkler Area ‘D’

E. ALTERNATE NO. 5: Sprinkler Area ‘E’

F. ALTERNATE NO. 6: ADA Ramp and Stair

G. ALTERNATE NO. 7: Lower Courtyard Area

H. ALTERNATE NO. 8: Courtyard Furniture

**Allowance**

Allowance No. 1: Contingency Allowance for Elevator Renovations. Include within the Base Bid an Allowance of $10,000.00.

**Unit Prices**

None.

**Access to Site**

A. To be coordinated with Bob Cooper, WVU-P.

B. Use of Site: Limit use of Project site to areas within the Contract limits indicated. Do not disturb portions of Project site beyond areas in which the Work is indicated.

C. Limits: Confine construction operations to contract limits.

D. Driveways, Walkways and Entrances: Keep driveways and entrances serving premises clear and available to Owner, Owner's employees, and emergency vehicles at all times. Do not use these areas for parking or storage of materials.

   a. Schedule deliveries to minimize use of driveways and entrances by construction operations.

   b. Schedule deliveries to minimize space and time requirements for storage of materials and equipment on-site.

**General Discussion**

E. Owner representative, Mr. Rich Donovan, reviewed key bidding requirements:

1. The Invitation to Bid, Addenda and other relevant information concerning RFB 19061 will be posted at the following URL. It is the Bidder’s obligation to check this website for current information: [https://wvhepc.org/purchasing/](https://wvhepc.org/purchasing/)
2. Affidavits to be submitted with the Bid are Purchasing Affidavit and Drug-Free Workplace Conformance Affidavit. These affidavit forms are provided in the Project Manual.

3. Bidders shall use the Form of Proposal and bond forms provided in the Project Manual.

4. A five percent (5%) bid Bond shall be submitted with the Bid.

5. The successful Bidder shall provide a Performance Bond and a Labor and Material Payment Bond for 100% of the Contract Sum; and a 2-year Roof Maintenance Bond for the full value of each roofing system.

F. M&G reviewed the general aspects of the project scope of work.

G. Addendum #1 will be issued on or around October 18, 2018. Bidding contractors must acknowledge receipt of all addenda in writing via e-mail to: mg1@mgarc.com. Additionally, receipt of Addenda must be acknowledged on the Form of Proposal.

H. Reviewed all allowances that are required within the contract documents.

I. Reviewed all alternates that are required within the contract documents.

J. Reminded bidders to review the project bonding requirements listed within the project manual.

K. Mr. Donovan noted that Pinnacle Environmental has performed an asbestos inspection of the building and the report will be sent out by Addendum. Astar Abatement Inc. will abate the contaminated areas prior to work occurring. If the contractor discovers other elements during performance of the work that may be asbestos containing, they are to stop work immediately and notify the Architect.

L. The WVU-P campus is not within the city limits of Parkersburg, therefore, no Business & Occupation Tax is to be paid. All other applicable taxes are valid.

M. AIA Document A101-2007 will be retired on October 31, 2018. M&G will use be able to use the AIA Document A101-2007 version for this project.

N. Prevailing wage rates are not in effect.

O. Last day for bidder questions is by the end of the day on October 19, 2018.

P. Last day for substitution requests was October 15, 2018.

Q. Following the meeting discussion, all attendees walked through the project site to review the various items of work. Reference the attached sign-in sheets for related attendance at each.

End of Pre-Bid Meeting Minutes
II. CLARIFICATIONS:

**General:**

A. Add:

   1. Replace Specification Section 012300 – ALTERNATES with Specification Section ADD01 - 012300 – ALTERNATES as attached to this Addendum.

B. Clarify Alternates:

   1. Add Specification Section ADD01 - 011300 - PRELIMINARY SCHEDULE as attached to this Addendum.

**Questions:**

A. Replacement of guiderails in Elevator “B”

   Answer: Elevator “B” guiderails and rollers are to be replaced.

B. Elevator “A” and “C” the walls are the shell itself.

   Answer: At Elevator “A” and “C” leave walls and ceilings intact. Attach specified wall panels and ceilings as recommended by manufacturer. Provide reveals as specified.

C. Is the existing roof to be replaced asbestos?

   Answer: See Pinnacle Environmental Asbestos Report as attached to this Addendum.

D. Question: Insulation specified is listed as grade 3, which is 25 PSI. Is this correct or can we use standard 20 PSI?

   Answer: Provide Grade 3 as specified.

E. Question: The roof plan shows all roof areas sloping at ¼” per foot. Test cuts were done and it was found that all roof areas are currently structurally sloped at 1/8” per foot. Are we to add tapered insulation to provide a minimum slope of ¼” per foot? If yes, please bear in mind that the roof insulation will exceed the existing height of the perimeter parapet walls and detail “G” and “H” will not be possible. Wood blocking would need to be added and metal coping added to flash the parapet walls. Insulation height will also grow to a maximum of 14” in some areas?

   Answer: Remove all existing gypsum board. Match equivalent thickness of existing insulation and gypsum board.

F. Question: All of our test cuts contained 5/8” gypsum installed directly to the metal deck. The specs call to remove all roofing down to metal decking. Are we to provide new 5/8” gypsum?

   Answer: Remove all existing gypsum board. Match equivalent thickness of existing insulation and gypsum board.
G. Question: It was mentioned at the Prebid meeting that the old rock ballast on the roof will be hauled away. Is this correct?

Answer: Remove and legally dispose of existing roof ballast.

H. Question: Will there be a fee the contractor needs to include in their bids for the State Fire Marshal review/inspections?

Answer: Generally, the WV State Fire Marshall inspection fees are covered in the plan review fee during design. Any other inspection fee would be assumed by the Contractor. See AIA A201 – 2007 General Conditions, Article 3.7.

I. Question: Is there a certain route through the building to remove debris and bring in materials and equipment to the Courtyard? Can you show on the drawing the best route to do this, so we can include protection of the area in our bid?

Answer: The southwest entrance (17.1 &17.2, near Elevator “A”) could be used for some traffic as long as it is opened back up during business hours. The area must be kept clean and safe. Other means and methods of accessing the courtyard are the responsibility of the Contractor.

J. Question: Has the Architect or the Owner given thought to how the material from the courtyard is to be removed? Should we figure using a crane to haul all the materials in and out, or can we figure on hauling through the building? We feel that this will need to be addressed or contractor will be pricing all over the place.

Answer: The southwest entrance to the courtyard and the building exterior may be used during off hours, but must be cleaned and reopened during business hours.

K. Question: At the Prebid meeting we were instructed to look at the preliminary schedule in the bid documents. Unless I have overlooked it, I cannot find a preliminary schedule. Can you tell me what section it is in?

Answer: See Specification Section as attached to this Addendum.

L. Question: General Scope Notes 1 through 3 and Code Note 11 on Drawing A1.1 are all included in the Elevator Allowance?

Answer: The Allowance will be used for General Note 1. Notes 2 and 3 to be included as part of the Base Bid, not the Allowance.

M. Question: Reference Sheet C1.0, Landscape Plan & Details: On the left side of the page, there are two planting details, a shrub detail (2) and a tree planting detail (3) and a list of Landscaping Notes. Both planting details have call-outs indicating the top layer of planting material as being 2” of Mushroom Manure. Landscaping Note 3 states that “All plant beds shall be mulched with a minimum 3” thick layer of hardwood bark mulch typical.” Should hardwood mulch be used on top of the mushroom manure? Or should it be used in place of the mushroom manure? Or is there some other different configuration?

Answer: Place hardwood mulch on top of mushroom manure.
N. Question: Reference Sheet C1.0, Landscape Plan & Details: On both of the planting detail drawings (2 and 3), the bottom two call-outs are for “2 BU Bonemeal” and “2 BU Peatmoss”. What does “BU” stand for?

Answer: “BU” stands for “bushels”.

O. Question: Reference Sheet A1.0, Enlarged Courtyard Plan: On the left side of Sheet A1.0 there is a section named Courtyard Plan Keynotes. Note 17 refers to concrete pavers by Unilock, but Note 17 is absent from each of the sheets that it is supposed to be on. Could you please add Note 17 to Sheets A2.0, A2.1, A2.2, and A2.3 in order to confirm the location of the concrete pavers?

Answer: See attached Sketch SK-1.

P. Question: Concrete pavers that are installed against landscape beds and lawn areas require .075” x 1.75” MILL FINISH ALUMINUM EDGE RESTRAINTS by Permaloc installed on a concrete base. The manufacturer’s installation instructions specify RAMSET/HILTI 2.5” long nails. Is this accurate or is there some other type of fastener in a different length or attachment method that is preferred? If so, please specify.

Answer: Follow installation instructions.

Q. Question: Also in reference to the paver edge restraint installation page 7 of written Spec 321413 from the bid package Part 3.2, Preparation, Section E, Note 3: “Extend the minimum distance from the outside edge of the concrete underlayment to the spikes equal to the thickness of the slab.” Does this note refer to the distance the anchor nail is to be inset from the outer edge of the concrete? Or does it refer to a different fastener/length (equal to the thickness of the concrete) to be used in place of the 2.5” RAMSET/HILTI specified by the manufacturer?

Answer: It refers to the distance of the inset from the outer edge of concrete. Also reference Detail 11/C4.0 for more information.

R. Question: Is there any electrical disconnect and reconnect on the roof?

Answer: Disconnect and reconnect any rooftop equipment required for installation of roofing and flashings.

S. Question: Is there any electrical work associated with the elevator or is that all part of the elevator allowance?

Answer: All work related to replacing elevator components indicated is to be included in the Base Bid.

T. Question: On Sheet E1.0, is all of this work in the base bid or is some in Alternate per Sheet D1.0?

Answer: Electrical work in the Alternate areas shown on A1.1/D1.0 to be included with that respective Alternate.
U. Question: Sheet C1.0, Detail 2 (Shrub Planting Detail) and Detail 3 (Tree Planting Detail) call out the top layer of planting material as being 2" of Mushroom Manure. However, Landscaping Note #3, same sheet, states "All plant beds shall be mulched with a minimum 3" thick layer of hardwood bark mulch, typical". Should hardwood mulch be used on top of the mushroom manure, or should hardwood mulch be used in place of the mushroom manure? Please advise.

Answer: See previous answer above.

V. Question: Sheet C1.0, on both planting details (2&3) the bottom two layers call out for 2" BU Bonemeal and 2" BU Peatmoss. Can you advise what "BU" stands for?

Answer: See previous answer above.

W. Question: On sheet AD1.0 - Demolition Roof Plan, Demolition Note #3 states to "Remove Existing Parapet Coping, Salvage for Reuse". I am unable to locate where note #3 applies on Sheet AD1.0. Can you advise what sections of coping is being removed and salvaged?

Answer: Disregard note. There is no coping to be salvaged.

X. Question: On Sheet AD1.0 - Demolition Roof Plan, Demolition Note #2 appears to only apply to one roof ladder. Are we to demolish both roof ladders?

Answer: Currently there is only one existing roof ladder.

Y. Question: On Sheet D1.0, General Site Demolition Note #3 states, "Contractor shall be responsible for the proper removal of any contaminated or hazardous material." Has a study been conducted to verify if there is a presence of contaminated or hazardous material? If not, is the contractor to assume that there is no contaminated or hazardous material is present?

Answer: Disregard note. Hazardous materials, if any, will be abated by the Owner.

Z. Question: On Sheet A1.0, Courtyard Plan Keynote #17 references concrete pavers. However, I do not see where Keynote #17 applies. I'm assuming that Keynote #17 should apply to what appears to be a paver boarder around the exterior of the new concrete, is this correct?

Answer: See previous answer above.

AA. Question: On Sheet A1.0, Courtyard Plan Keynote #16 references the surface mounted path light by Landscape Forms or Approved Equal. Are we to price the installation of all of the surface mounted path lights in base bid or in the alternates?

Answer: See previous answer above.

BB. Question: There is a keyed note 12 on the Alternate 6 portion of Drawing D1.0, but there is not a 12 demolition keynote on the legend. Can you clarify?

Answer: Revise all keynote references from “12” to “2”.

CC. Question: We have a structural steel and miscellaneous steel fabrication company in Clarksburg, WV. I was looking through Dodge Reports and found the above referenced
project. I noticed that you had a speed rail type system for the handrail. I was wondering if you would entertain using an aluminum welded railing? The only caveat is that the railings would have to be powder coated in lieu of anodized. Please let me know if this is something that you would consider and we could provide pricing to the bidders.

Answer: Not approved. The deadline for Substitutions has passed.

DD. Question: Is there an engineer’s project estimate we can use for bid bond purposes?

Answer: We do not provide a "engineer’s project estimate." The value of the bid bond is to be 5% of the contractor's bid.

EE. Does the “Certified Drug-Free Workplace Report Coversheet” need to be submitted with the bid?

Answer: No. The Drug-Free Workplace Conformance Affidavit needs to be submitted with bid.

Respectfully submitted,

M&G ARCHITECTS & ENGINEERS

[Signature]

Dana L. Brooks, AIA
Project Architect

Attachments: Mandatory Pre-Bid Meeting Agenda
Pre-Bid Meeting Sign-in Sheets
Specification Section ADD01 - 011300 - PRELIMINARY SCHEDULE
Specification Section ADD01 - 012300 – ALTERNATES
Pinnacle Environmental Asbestos Report
Addendum Sketch SK-1

cc: All Attendees and Plan Holders
Is
ACKNOWLEDGEMENT OF RECEIPT
OF ADDENDUM NO. 1
FOR
WEST VIRGINIA UNIVERSITY - PARKERSBURG
RENOVATIONS AT MAIN BUILDING
REQUEST FOR BIDS NO. 19061

I, ________________________________ of ________________________________ hereby

(name)                                                                                       (company)

acknowledge that I have received a copy of Addendum No. 1 with all its attachments and understand that
my bid will not be honored unless this acknowledgement is returned to the Architect and I have noted
receipt on the Proposal Form.

______________________________

(company name)

______________________________

(name)

______________________________

(date)

Upon receipt, fax or email this page to 304/242-8249 or mg1@mgarc.com
MANDATORY PRE-BID MEETING AGENDA
October 16, 2018 - 10:00 AM

Mandatory pre-bid meeting and walk-throughs:
- Mandatory pre-bid meeting and walk-through, West Virginia University at Parkersburg (WVUP), Main Building, 10:00 AM

Welcome and Introduction of Personnel
- Architect & Engineer – Dan Grant, AIA, Dana Brooks, AIA, and Eric Matyskiela, PE, M&G Architects and Engineers
- Owner – Rich Donovan, Community and Technical College System of West Virginia (CTCS)
- College – Bob Cooper, Manager Physical Plant, WVUP
- Mandatory at Pre-Bid – Bidders (Prime Contractors); subcontractors and material suppliers are encouraged to attend
- Bidding Document Requests - $250/set, refundable - $50/PDFs, not refundable

Discussions
- Items to be submitted in or with Bid
  - Acknowledgement of Addenda
  - List of Proposed Subcontractors
  - Contractor’s License
  - Purchasing Affidavit
  - Drug-Free Workplace Conformance Affidavit
  - 5% Bid Bond
- Do not change Contract Documents
- Electronic correspondence during Bidding Phase to M&G Architects and Engineers
- Requests for Substitutions during Bidding Phase
  - Instructions to Bidders 3.3
- Hazardous Materials
  - Investigation performed by Pinnacle Environmental Consultants, Inc.
- Addenda
- Bonds
- Insurance Requirements
- Vendor Registration & Disclosure Statement
- Bids Due October 25, 2018, at 3:00 PM. Deliver bids to Community and Technical College System of West Virginia, 1018 Kanawha Boulevard, East, Suite 700, Charleston, WV 25301

Scope of Work
- Demolition and replacement of the existing roof.
- Sprinkler system extensions.
- Elevator renovations.
- Courtyard demolition and replacement.

Allowances
- ALLOWANCE NO. 1: Allow $10,000 for elevator renovation for miscellaneous elevator hoistway and machine room work as directed by the Architect

Alternates
- ALTERNATE NO. 1: 90 mil EPDM roofing system in lieu of 60 mil system
- ALTERNATE NO. 2: Sprinkler Area ‘B’
• ALTERNATE NO. 3: Sprinkler Area ‘C’
• ALTERNATE NO. 4: Sprinkler Area ‘D’
• ALTERNATE NO. 5: Sprinkler Area ‘E’
• ALTERNATE NO. 6: ADA Ramp and Stair
• ALTERNATE NO. 7: Lower Courtyard Area
• ALTERNATE NO. 8: Courtyard Furniture

Staging
• Building access / egress
• Mobilization and fencing
• Employee parking and staging

Taxes
• Business and Occupation (B&O) Tax

Permits
• The authority having jurisdiction is the West Virginia State Fire Marshal

Questions
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<tr>
<td>Maynard C. Smith Construction Company Inc</td>
<td>3410 Chesterfield Ave, Charleston, WV 25304</td>
<td>304-925-3290</td>
<td>304-925-3228</td>
<td>Jason Shantic</td>
<td><a href="mailto:Estimating@MCSConstructionWV.com">Estimating@MCSConstructionWV.com</a></td>
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<tr>
<td>N.F. Mangueletto &amp; Sons, Inc</td>
<td>116 Ward Street, Martins Ferry, OH 43935</td>
<td>740-693-7320</td>
<td>740-693-7322</td>
<td>Mark Speirs</td>
<td><a href="mailto:mark@manuelettocontracting.com">mark@manuelettocontracting.com</a></td>
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<tr>
<td>GEAR-COR Construction</td>
<td>101 Industry Road, Maysville, OH 45750</td>
<td>740-373-0373</td>
<td></td>
<td>Jeff Hughes</td>
<td><a href="mailto:JHughes@GearCor.com">JHughes@GearCor.com</a></td>
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<tr>
<td>Dan Hill Construction</td>
<td>P.O. Box 685, Crawley Bridge, WV 25085</td>
<td>304-632-1600</td>
<td>304-632-1501</td>
<td>Justin Dozier</td>
<td>Justin_Dozier@yaho</td>
<td>General Contractor</td>
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<tr>
<td>UNITED Construction Co., Inc</td>
<td>3120 Northwestern Pike, Parkersburg, WV 26104</td>
<td>(304) 422-2141</td>
<td>(304) 405-4249</td>
<td>John E. Springer</td>
<td><a href="mailto:john@ucc1.cc">john@ucc1.cc</a></td>
<td>Subcontractor</td>
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<tr>
<td>Murray Steel Metal</td>
<td>3112 Northwestern Ave, Parkersburg, WV 26104</td>
<td>304-699-5927</td>
<td>304-418-4623</td>
<td>Alex McLay</td>
<td><a href="mailto:alex@MurraySheetMetal.com">alex@MurraySheetMetal.com</a></td>
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PREBID MEETING SIGN-IN SHEET
West Virginia University-Parkersburg
Renovations at Main Building
October 16, 2018, 10:00 AM
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<td>Wynn Lawm Services</td>
<td>60 Box 101, Alum Creek, WV 25003</td>
<td>304-382-3845</td>
<td></td>
<td>Mike Wynn</td>
<td><a href="mailto:WynnLawmServices@gmail.com">WynnLawmServices@gmail.com</a></td>
<td>Landscape</td>
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<td>GREENLEAF LANDSCAPES INC</td>
<td>144 Muskingum Dr, Marietta, OH 45750</td>
<td>740-373-1139</td>
<td>740-373-1135</td>
<td>Dave Fleming</td>
<td><a href="mailto:dave@greenleaflandscapes.com">dave@greenleaflandscapes.com</a></td>
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<td>CTC's</td>
<td>1018 Kanawha Blvd E, Ste 700, Charleston, WV 25301</td>
<td>681-313-2212</td>
<td></td>
<td>Rich Donovan</td>
<td><a href="mailto:rich.donovan@whpe.com">rich.donovan@whpe.com</a></td>
<td>General Contractor</td>
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<tr>
<td>G &amp; G Builders Inc</td>
<td>136 Corporate Center Dr, Suite 550</td>
<td>704-751-9196</td>
<td>304-751-0993</td>
<td>Michael E. Davis</td>
<td><a href="mailto:mdavis@gandgbuilders.com">mdavis@gandgbuilders.com</a></td>
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<td>304-343-5566</td>
<td>304-343-5568</td>
<td>Eric JH #</td>
<td><a href="mailto:eric.harrisbrothers@ahook.com">eric.harrisbrothers@ahook.com</a></td>
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<td>AGSTEN CONSTRUCTION</td>
<td>209 Washington St.</td>
<td>304/348-5490</td>
<td>304/348-0063</td>
<td>Sam Hull</td>
<td><a href="mailto:hull@agstenconstruction.com">hull@agstenconstruction.com</a></td>
<td>General Contractor ✔</td>
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<tr>
<td>ORACLE ELEVATOR CO</td>
<td>4774 Chimney Dr</td>
<td>502-912-9522</td>
<td></td>
<td>Roger Smith</td>
<td><a href="mailto:roger.smith@oracleelevators.com">roger.smith@oracleelevators.com</a></td>
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PREBID MEETING SIGN-IN SHEET
West Virginia University-Parkersburg
Renovations at Main Building
October 16, 2018, 10:00 AM

Business Name: BBL CARLTON, LLC
Business Address: 100 KANAWHA BLDG, SUITE 200 CHARLESTON, WV 25301
Business Phone #: (304) 345-1900 Fax #: (304) 345-1304
Representative Name (printed): Tom Sims E-Mail Address: tsims@bblcarlton.com
Check Appropriate Title: General Contractor ☑ Subcontractor Supplier Other-List:

Business Name: WVUP
Business Address: 300 Campus Dr, Parkersburg, WV
Business Phone #: 304-588-1522 Fax #: 304-424-8288
Representative Name (printed): David Gates E-Mail Address: david.gates@wvup.edu
Check Appropriate Title: General Contractor Subcontractor Supplier Other-List:

Business Name: WVUP
Business Address: 300 Campus Dr, Parkersburg, WV
Business Phone #: 304-424-8265
Representative Name (printed): Bob Cooper E-Mail Address: bob.cooper@wvup.edu
Check Appropriate Title: General Contractor Subcontractor Supplier Other-List:

Business Name: 
Business Address: 
Business Phone #: Fax #: 
Representative Name (printed): 
E-Mail Address: 
Check Appropriate Title: General Contractor Subcontractor Supplier Other-List:

Business Name: 
Business Address: 
Business Phone #: Fax #: 
Representative Name (printed): 
E-Mail Address: 
Check Appropriate Title: General Contractor Subcontractor Supplier Other-List:

Business Name: 
Business Address: 
Business Phone #: Fax #: 
Representative Name (printed): 
E-Mail Address: 
Check Appropriate Title: General Contractor Subcontractor Supplier Other-List:
### Business Name: 3D Construction LLC
Business Address: 514 George St, Parkersburg, WV 26101
Business Phone #: 304-916-1365, Fax #: 304-863-8645
Representative Name (printed): Andra Panoj, E-Mail Address: odaniel@3dconstructionwv.com
Check Appropriate Title: General Contractor [ ] Subcontractor [x] Supplier [ ] Other-List: [ ]

### Business Name: Phoenix Associates
Business Address: 501 Depot St, WV 26101
Business Phone #: 304-485-3255, Fax #: 
Representative Name (printed): Rocky A. Dilly, E-Mail Address: 
Check Appropriate Title: General Contractor [x] Subcontractor [ ] Supplier [ ] Other-List: [ ]

### Business Name:
Business Address:
Business Phone #: Fax #: 
Representative Name (printed): , E-Mail Address: 
Check Appropriate Title: General Contractor [ ] Subcontractor [ ] Supplier [ ] Other-List: [ ]

### Business Name:
Business Address:
Business Phone #: Fax #: 
Representative Name (printed): , E-Mail Address: 
Check Appropriate Title: General Contractor [ ] Subcontractor [ ] Supplier [ ] Other-List: [ ]

### Business Name:
Business Address:
Business Phone #: Fax #: 
Representative Name (printed): , E-Mail Address: 
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<td>Fax #:</td>
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<td>Day Grant</td>
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<td>Fax #:</td>
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<tr>
<td>Representative Name (printed):</td>
<td>Dana Brooks</td>
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<tr>
<td>Business Address:</td>
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<tr>
<td>Business Phone #:</td>
<td>304-744-5814</td>
</tr>
<tr>
<td>Fax #:</td>
<td>304-744-4899</td>
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<tr>
<td>Representative Name (printed):</td>
<td>Doug Meeks</td>
</tr>
<tr>
<td>E-Mail Address:</td>
<td><a href="mailto:doug.meeks@brewerfire.com">doug.meeks@brewerfire.com</a></td>
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<td>Check Appropriate Title:</td>
<td>General Contractor Subcontractor Supplier Other-List:</td>
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DOCUMENT ADD01 - 011300 - PRELIMINARY SCHEDULE

1.1 PROJECT SCHEDULE

A. This Document is part of the Procurement and Contracting Requirements for Project. They provide Owner's information for Bidders' convenience and are intended to supplement rather than serve in lieu of Bidders' own investigations. They are made available for Bidders' convenience and information, but do not affect Contract Time requirements. This Document and its attachments are not part of the Contract Documents.

B. Available Project information includes the following: Project schedule including design and construction milestones and Owner's occupancy requirements is as follows:


Notes:

If roofing work is conducted during the fall, the roof must be completed by November 15, 2018. If roofing work is conducted in the Spring of 2019, it may not begin until March 1, 2019 and must meet the temperature and weather requirements of the manufacturer.

No work to occur on Graduation days.

Elevator “B” work shall occur during the Summer Break of 2019.

Sprinkler work to occur during the Summer Break of 2019.

WVU-P Academic Calendar Links:


END OF DOCUMENT ADD01 - 011300
SECTION ADD01- 012300 - ALTERNATES

PART 1 - GENERAL

1.1 SUMMARY
A. Section includes administrative and procedural requirements for alternates.

1.2 DEFINITIONS
A. Alternate: An amount proposed by bidders and stated on the Bid Form for certain work defined in the bidding requirements that may be added to or deducted from the base bid amount if the Owner decides to accept a corresponding change either in the amount of construction to be completed or in the products, materials, equipment, systems, or installation methods described in the Contract Documents.

1. Alternate described in this Section are part of the Work only if enumerated in the Agreement.
2. The cost or credit for each alternate is the net addition to or deduction from the Contract Sum to incorporate alternates into the Work. No other adjustments are made to the Contract Sum.

1.3 PROCEDURES
A. Coordination: Revise or adjust affected adjacent work as necessary to completely integrate work of the alternate into Project.

1. Include as part of each alternate, miscellaneous devices, accessory objects, and similar items incidental to or required for a complete installation whether or not indicated as part of alternate.

B. Execute accepted alternates under the same conditions as other work of the Contract.

C. Schedule: A schedule of alternates is included at the end of this Section. Specification Sections referenced in schedule contain requirements for materials necessary to achieve the work described under each alternate.

PART 2 - PRODUCTS (Not Used)

PART 3 - EXECUTION

3.1 SCHEDULE OF ALTERNATES
A. Alternate No. 1: 90mil EPDM roof system.
1. **Base Bid:** Provide 60mil EPDM roofing system as indicated on Drawing A2.0 and as specified in Section 075323 - EPDM Roofing.
2. **Alternate:** Provide 90mil EPDM roofing system as indicated on Drawing A2.0 and as specified in Section 075323 - EPDM Roofing.

**B. Alternate No. 2: Sprinkler Area “B”**

1. **Base Bid:** Provide sprinkler system in Area “A” only.
2. **Alternate:** Provide sprinkler system in Area “A” and Area “B.”

**C. Alternate No. 3: Sprinkler Area “C”**

1. **Base Bid:** Provide sprinkler system in Area “A” only.
2. **Alternate:** Provide sprinkler system in Area “A,” Area “B,” and Area “C.”

**D. Alternate No. 4: Sprinkler Area “D”**

1. **Base Bid:** Provide sprinkler system in Area “A” only.
2. **Alternate:** Provide sprinkler system in Area “A,” Area “B,” Area “C,” and Area “D.”

**E. Alternate No. 5: Sprinkler Area “E”**

1. **Base Bid:** Provide sprinkler system in Area “A” only.
2. **Alternate:** Provide sprinkler system in Area “A,” Area “B,” Area “C,” Area “D,” and Area “E.”

**F. Alternate No. 6: ADA Ramp and Stair**

1. **Base Bid:** No ramp or stair work in south corner of courtyard.
2. **Alternate:** Provide ADA Ramp and Stair as indicated on Courtyard Drawings.

**G. Alternate No. 7: Lower Courtyard Area**

1. **Base Bid:** No Lower Courtyard work.
2. **Alternate:** Provide Lower Courtyard work as indicated on Courtyard Drawings.

**H. Alternate No. 8: Courtyard Furniture**

1. **Base Bid:** No Courtyard Furniture.
2. **Alternate:** Provide Courtyard Furniture work as indicated on Courtyard Drawings.

END OF SECTION 012300
September 24, 2018

Mr. Rich Donovan
WV Council for Community & Technical College Education
1018 Kanawha Blvd., East Suite 700
Charleston, WV 25301-2827

Re: Asbestos Inspection at WVU Parkersburg Activity Center Wing
Pinnacle Project Number: 18W-0280

Dear Mr. Donovan:

On September 18, 2018 Pinnacle Environmental Consultants, Inc. *(see Attachment 1 for certifications)* visited the above referenced project per your request. The purpose of this visit was to collect bulk samples of materials suspect for containing asbestos prior to planned renovation or demolition of the structures for compliance with the National Emission Standards for Hazardous Air Pollutants (NESHAP). Specifically, five (5) bulk samples were collected from five (5) homogeneous areas. Analytical results show that the one (1) homogeneous areas were identified with asbestos content greater than one percent (>1%). Please reference the *PLM Bulk Sample Data Summary Table in Attachment 2* for complete sample location and description information.

**Sampling Methodology**

For friable Surfacing Materials, three (3) bulk samples shall be collected for each homogeneous area less than or equal to one thousand square feet (1,000 ft²). If the homogeneous area is greater than one thousand square feet (1,000 ft²) but less than five thousand square feet (5,000 ft²), five (5) bulk samples shall be collected. For homogeneous areas that are greater than five thousand square feet (5,000 ft²), seven (7) bulk samples shall be collected. Random sample locations for each homogeneous area of suspect friable surfacing materials will be determined by Pinnacle’s inspector in the field.

Three (3) samples shall be randomly collected from homogeneous areas of Thermal System Insulation such as pipe insulation. Miscellaneous Material and non-friable suspected ACBM were sampled "in a manner sufficient to determine" whether the material in question contained asbestos.

To avoid disturbing the material more than necessary and potentially cause the release of asbestos fibers, Pinnacle performed bulk sampling of suspect materials in accordance with generally accepted procedures outlined in the Asbestos Hazard Emergency Response Act (AHERA). Each sample will be collected and placed in a clean, sealable vial and labeled with a unique sample identification number. This sample number shall be recorded on a Bulk Sample Log Sheet, the sample vial, and at the sample location to permit easy identification of the sampled materials in the future. Supplemental information will also be recorded on the Bulk Sample Log Sheet, including date of inspection, name of Pinnacle’s inspector, the building name (or number), a brief description and location of the sample, and type of material sampled (e.g. thermal insulation, fireproofing, hard plaster, etc.).
Analysis of Samples
The bulk samples will be submitted to Pinnacle Analytical Lab (see Attachment 3 for a copy of West Virginia laboratory license and NVLAP accreditation) and analyzed for asbestos content by PLM and dispersion staining (Method Reference: EPA-600/R-93/116). This analytical method, which the EPA currently recommends for the determination of asbestos in bulk samples of suspect materials, can be used for qualitative identification of six (6) morphologically different types of asbestos fibers: Chrysotile, Amosite, Crocidolite, Anthophyllite, Tremolite, and Actinolite asbestos. The method specified that the asbestos content in a bulk sample will be estimated and reported as a finite percentage (rounded to the nearest percentage) within the range of zero to one hundred percent (0% to 100%).

The results of the bulk sample analysis are reported in a standard laboratory report (see Attachment 4 for the Laboratory Analysis Report) which includes Pinnacle’s project number, the laboratory identification number and the field number assigned to the bulk sample upon collection at the site. If a bulk sample contains more than one distinct layer of material, each layer is analyzed separately. The composition of the bulk sample is reported in percentages of asbestos (i.e., Chrysotile, Amosite or other) and non-asbestos (i.e., cellulose, fiberglass or other) components. Sample contains more than one distinct layer of material, each layer is analyzed separately. The composition of the bulk sample is reported in percentages of asbestos (i.e., Chrysotile, Amosite or other) and non-asbestos (i.e., cellulose, fiberglass or other) components.

If a bulk sample of friable material has less than ten percent (<10%) asbestos content, the EPA recommends the sample be analyzed by the point count method reference PLM, EPA 600/R-93/116. This analytical method is a more accurate way of determining the actual asbestos percentage. For this project, there were no samples analyzed using point count methods. %).

Results and Conclusions
The asbestos inspection identified one (1) homogeneous areas that will require removal prior to traditional demolition or renovation activities. The locations and quantities of materials known or assumed to contain >1% asbestos can be found on the Inventory of Asbestos-Containing Material Table in Attachment 5 with this letter. Current asbestos laws and regulations require removal of asbestos-containing materials (ACM) prior to initiation of renovation/demolition activities. Since removal of ACM is necessary, a West Virginia Bureau for Public Health licensed asbestos abatement contractor should be contracted to perform the removal work and submit necessary regulatory notifications.

Based on the limited access of the bulk sampling survey (i.e., nondestructive inspection), caution should be exercised during the renovation/demolition project in the event materials known or suspected to contain asbestos are exposed during the renovation/demolition work. In the event additional material suspected to contain asbestos is discovered during this project, work with the potential for disturbance should be stopped until sampling and analysis has been performed. A professional consultant licensed by the West Virginia Bureau for Public Health as an asbestos inspector should conduct all asbestos bulk sampling. Laboratories licensed by the West Virginia Bureau for Public Health and accredited by the National Voluntary Laboratory Accreditation Program (NVLAP) or the American Industrial Hygiene Association (AIHA) should perform analysis of all bulk samples collected.

Pinnacle greatly appreciates the opportunity to offer our services to you for this most important project. Should you have any questions or require additional information, please feel free to contact me at your earliest convenience: (304) 757-5204.

Sincerely,
Pinnacle Environmental Consultants, Inc.
Tina Burker
Pinnacle Environmental Consultants, Inc.
500-B Prestige Park - Hurricane, WV 25526
Phone (304) 757-5204 - Fax (304) 757-5205
www.pinnacleinc.biz

MICHAEL PAULEY

Has successfully completed the Asbestos Inspector Refresher Course with a score of seventy percent (70%) or better. This course is West Virginia (WV) and Environmental Protection Agency (EPA) approved and meets the requirements of 40 CFR part 763 Asbestos Hazard Emergency Response Act (AHERA) for purposes of accreditation required under TSCA Title II. This class was conducted at the Pinnacle Environmental Training Facility in Hurricane, WV.

Training Date(s)
June 22, 2018

Exam Date
June 22, 2018

Training Hours
4 hours

WEST VIRGINIA
Asbestos Program

Michael G. Pauley

License #: AI009639
Issued: 8/1/2018
Expires: 8/31/2019

IS LICENSED AS AN
ASBESTOS INSPECTOR

Certificate Identification
AIR-062218-19

Expiration Date
June 22, 2019

Leiton E. Miller III

Leiton E. Miller III
<p>| PLM BULK SAMPLE DATA SUMMARY TABLE |</p>
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<th>Lab ID#</th>
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<td>NAD</td>
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<td>1a</td>
<td>NAD</td>
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**NOTES:**
- ftgs = fittings
- lf = linear feet
- sf = square feet
- NAD = No Asbestos Detected
- * = Quantities have been estimated for known or assumed ACM that was accessible during the site inspection.
- Actual quantities may vary during demolition or renovation work that may expose additional materials.
LABORATORY LICENSE AND NVLAP ACCREDITATION
State of West Virginia
Bureau for Public Health
Office of Environmental Health Services
Radiation, Toxics and Indoor Air Division

This is to certify that

Pinnacle Environmental Consultants, Inc.
500-B Prestige Park
Hurricane, WV 25526

Has complied with Chapter 16, Article 32, of the Asbestos Abatement Licensing Rules and Regulations and is hereby licensed as an Asbestos Air and Bulk Sample Analytical Laboratory.

Asbestos Laboratory License Number:
LT000580

Issued: 12/13/2017
Expires: 12/31/2018

Walter M. Ivey, Director
Office of Environmental Health Services
Certificate of Accreditation to ISO/IEC 17025:2005

NVLAP LAB CODE: 200718-0

Pinnacle Environmental Consultants, Inc.
Hurricane, WV

is accredited by the National Voluntary Laboratory Accreditation Program for specific services, listed on the Scope of Accreditation, for:

Asbestos Fiber Analysis

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2005. This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system (refer to joint ISO-ILAC-IAF Communiqué dated January 2009).

2018-07-01 through 2019-06-30

Effective Dates

For the National Voluntary Laboratory Accreditation Program
SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

Pinnacle Environmental Consultants, Inc.
500B Prestige Park
Hurricane, WV 25526-8420
Ms. Miranda Reedy
Phone: 304-757-5204  Fax: 304-757-5205
Email: mreedy@pinnacleinc.biz
http://www.pinnacleinc.biz

ASBESTOS FIBER ANALYSIS

Bulk Asbestos Analysis

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<td>18/A03</td>
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NVLAP LAB CODE 200718-0

For the National Voluntary Laboratory Accreditation Program

Effective 2018-07-01 through 2019-06-30
# Asbestos Identification by Polarized Light Microscopy

## Analysis Report

**NVLAP LAB CODE: 200718-0**

Attn: Tina Burker  
Pinnacle Environmental Consultants, Inc. - WV  
500B Prestige Park  
Hurricane, WV  25526

Received Date:  9/18/2018  
Analysis Date:  9/18/2018  
PEC Project #: 18W-0280  
Client Project/PO #:

### Solid/12x12 Floor Tile

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<th>CLIENT ID #:</th>
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<tr>
<td>18WB-24919a</td>
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<td>Solid/12x12 Floor Tile</td>
<td>Chrysotile: 0%</td>
<td>Tremolite: 0%</td>
</tr>
<tr>
<td></td>
<td></td>
<td>TOTAL ASBESTOS: 0 %</td>
<td>Amosite: 0%</td>
<td>Actinolite: 0%</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Cellulose: 2%</td>
<td>Fiber Glass: 0%</td>
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### Solid/Mastic

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<tr>
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<td></td>
<td>TOTAL ASBESTOS: 0 %</td>
<td>Amosite: 0%</td>
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<tr>
<td></td>
<td></td>
<td>Cellulose: 6%</td>
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<td></td>
<td></td>
<td>TOTAL ASBESTOS: 0 %</td>
<td>Amosite: 0%</td>
<td>Actinolite: 0%</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Cellulose: 2%</td>
<td>Fiber Glass: 0%</td>
<td>Others: 0%</td>
</tr>
</tbody>
</table>

### Solid/Mastic

<table>
<thead>
<tr>
<th>PEC LAB #:</th>
<th>CLIENT ID #:</th>
<th>LOCATION:</th>
<th>COLOR:</th>
<th>COLOR:</th>
</tr>
</thead>
<tbody>
<tr>
<td>18WB-24920b</td>
<td>P-02</td>
<td>Solid/Mastic</td>
<td>Chrysotile: 0%</td>
<td>Tremolite: 0%</td>
</tr>
<tr>
<td></td>
<td></td>
<td>TOTAL ASBESTOS: 0 %</td>
<td>Amosite: 0%</td>
<td>Actinolite: 0%</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Cellulose: 6%</td>
<td>Fiber Glass: 0%</td>
<td>Others: 0%</td>
</tr>
</tbody>
</table>

### Solid/12x12 Floor Tile

<table>
<thead>
<tr>
<th>PEC LAB #:</th>
<th>CLIENT ID #:</th>
<th>LOCATION:</th>
<th>COLOR:</th>
<th>COLOR:</th>
</tr>
</thead>
<tbody>
<tr>
<td>18WB-24921a</td>
<td>P-03</td>
<td>Solid/9&quot;x9&quot; Floor Tile</td>
<td>Chrysotile: 6%</td>
<td>Tremolite: 0%</td>
</tr>
<tr>
<td></td>
<td></td>
<td>TOTAL ASBESTOS: 6 %</td>
<td>Amosite: 0%</td>
<td>Actinolite: 0%</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Cellulose: 2%</td>
<td>Fiber Glass: 0%</td>
<td>Others: 0%</td>
</tr>
</tbody>
</table>
### Analytical Method:
Polarized light microscopy using dispersion staining (EPA-600/M4-82-020). PLM should not be used to demonstrate the absence of asbestos in floor tiles. All samples will be held for sixty (60) days unless otherwise requested. This report relates only to items tested and makes no statement as to the contents of surrounding materials. Multi-layered material which have distinct and separable layers shall be reported separately. This report shall not be reproduced, except in full, without written permission. The results of this report should not be used as an endorsement for NVLAP or any other government agency.

---

**RE: WVU Parkersburg**

<table>
<thead>
<tr>
<th>PEC LAB #</th>
<th>Client ID #</th>
<th>LOCATION</th>
<th>COLOR</th>
</tr>
</thead>
<tbody>
<tr>
<td>18WB-24921b</td>
<td>P-03</td>
<td></td>
<td>Black</td>
</tr>
<tr>
<td>Texture/Description: Solid/Mastic</td>
<td>Chrysotile: 4%</td>
<td>Tremolite: 0%</td>
<td>Anthophyllite: 0%</td>
</tr>
<tr>
<td>TOTAL ASBESTOS: 4%</td>
<td>Amosite: 0%</td>
<td>Actinolite: 0%</td>
<td>Crocidolite: 0%</td>
</tr>
<tr>
<td>Cellulose: 2%</td>
<td>Fiber Glass: 0%</td>
<td>Others: 0%</td>
<td>Filler/Binder: 94%</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>PEC LAB #</th>
<th>Client ID #</th>
<th>LOCATION</th>
<th>COLOR</th>
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</thead>
<tbody>
<tr>
<td>18WB-24922</td>
<td>P-04</td>
<td></td>
<td>White</td>
</tr>
<tr>
<td>Texture/Description: Solid/Rubber Membrane Roofing</td>
<td>Chrysotile: 0%</td>
<td>Tremolite: 0%</td>
<td>Anthophyllite: 0%</td>
</tr>
<tr>
<td>TOTAL ASBESTOS: 0%</td>
<td>Amosite: 0%</td>
<td>Actinolite: 0%</td>
<td>Crocidolite: 0%</td>
</tr>
<tr>
<td>Cellulose: 10%</td>
<td>Fiber Glass: 5%</td>
<td>Others: 0%</td>
<td>Filler/Binder: 85%</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>PEC LAB #</th>
<th>Client ID #</th>
<th>LOCATION</th>
<th>COLOR</th>
</tr>
</thead>
<tbody>
<tr>
<td>18WB-24923a</td>
<td>P-05</td>
<td></td>
<td>Black</td>
</tr>
<tr>
<td>Texture/Description: Solid/Flashing</td>
<td>Chrysotile: 0%</td>
<td>Tremolite: 0%</td>
<td>Anthophyllite: 0%</td>
</tr>
<tr>
<td>TOTAL ASBESTOS: 0%</td>
<td>Amosite: 0%</td>
<td>Actinolite: 0%</td>
<td>Crocidolite: 0%</td>
</tr>
<tr>
<td>Cellulose: 0%</td>
<td>Fiber Glass: 0%</td>
<td>Others: 0%</td>
<td>Filler/Binder: 100%</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>PEC LAB #</th>
<th>Client ID #</th>
<th>LOCATION</th>
<th>COLOR</th>
</tr>
</thead>
<tbody>
<tr>
<td>18WB-24923b</td>
<td>P-05</td>
<td></td>
<td>Yellow</td>
</tr>
<tr>
<td>Texture/Description: Solid/Mastic</td>
<td>Chrysotile: 0%</td>
<td>Tremolite: 0%</td>
<td>Anthophyllite: 0%</td>
</tr>
<tr>
<td>TOTAL ASBESTOS: 0%</td>
<td>Amosite: 0%</td>
<td>Actinolite: 0%</td>
<td>Crocidolite: 0%</td>
</tr>
<tr>
<td>Cellulose: 2%</td>
<td>Fiber Glass: 0%</td>
<td>Others: 0%</td>
<td>Filler/Binder: 98%</td>
</tr>
</tbody>
</table>

---

Analyzed by: 

Chelsea Watt
Chain of Custody Form

REQUEST FOR ANALYTICAL LABORATORY SERVICES

DATE RESULTS REQUESTED
RUSH CHARGES AUTHORIZED: YES NO

NAME: 
COMPANY: 
ADDRESS: 
CITY, STATE, ZIP: 
TELEPHONE: ( ) FAX: ( )

NAME: 
COMPANY: 
ADDRESS: 
CITY, STATE, ZIP: 
PURCHASE ORDER #: 
CLIENT JOB #: 18W-0280

Date Sampled | Client Sample Identification | Air Volume (liters) | Time Sampled | Laboratory Use Only
--- | --- | --- | --- | ---
9/18/18 | P-01 | [Blank] | [Blank] | [Blank]
9/18/18 | P-05 | [Blank] | [Blank] | [Blank]

Location: W.V.A. Parkersburg

Chain of Custody

Collected By: Michael Paulley (print)
Relinquished By: [Signature]

Date/Time | Analyze to the Positive? | Yes | No
--- | --- | --- | ---
9/18/18 | [Blank] | [Blank] | [Blank]

Collector's Signature: Michael Paulley

Received By: [Signature]
Received Date: 9/18/18
Sample Condition Upon Receipt: Accept

*Samples will be held for sixty (60) days after analysis date, unless otherwise requested by the client*

Page ___ of ___

April 26, 2007
## INVENTORY OF ASBESTOS CONTAINING MATERIAL TABLE

<table>
<thead>
<tr>
<th>Material Location</th>
<th>Material Description</th>
<th>H.A. #</th>
<th>Type ACM</th>
<th>Estimated Quantity*</th>
<th>Category - Friable / Non-Friable</th>
</tr>
</thead>
<tbody>
<tr>
<td>Elevator B</td>
<td>Floor Tile &amp; Mastic</td>
<td>3</td>
<td>Misc.</td>
<td>All of the Elevator B flooring and mastic</td>
<td>I - Non-Friable</td>
</tr>
</tbody>
</table>

### NOTES:
- ftgs = fittings
- lf = linear feet
- sf = square feet
- Surf = Surfacing
- TSI = Thermal System Insulation
- Misc = Miscellaneous
- NAD = No Asbestos Detected
- * = Quantities have been estimated for known or assumed ACM that was accessible during the site inspection. Actual quantities may vary during demolition or renovation work that may expose additional materials.
- † = material assumed to contain asbestos

### EPA Categories:
- RACM - Regulated Asbestos-Containing Materials (Friable)
- Category I Nonfriable - resilient flooring, roofing products, gaskets, packings
- Category II Nonfriable - all other nonfriable asbestos-containing materials