



ADDENDUM #1

April 28, 2015

Re: Harrisburg Area Community College – Gettysburg Campus
Mechatronics Lab Renovation
Solicitation # RFB15-25

From: Eastern PCM, LLC
Construction Manager
645 N. 12th Street, Suite 200
Lemoyne, PA 17043

To: All Planholders

This Addendum is hereby made part of the Plans and Project Manual dated April 17, 2015 for the above referenced project. The provisions of this Addendum are intended to supplement the provisions of the Plans and Project Manual and/or supersede them where contradictory thereto.

This Addendum contains changes to the requirements of the Plans and Project Manual. Such changes shall be incorporated into the Plans and Project Manual and shall apply to work with the same meaning and force as if they had been included in the original Plans and Project Manual. Where this Addendum modifies a portion of a paragraph or phrase of the Project Manual, the remaining unmodified portion of the paragraph or phrase shall remain in force.

The conditions and terms of the Plans and Project Manual shall govern work described in this Addendum. Whenever the conditions of work, or the quality or quantity of materials or workmanship are not fully described in this Addendum, the conditions of work etc. included in the Plans and Project Manual for similar items of work shall apply to the work described in this Addendum. If no similar items of work are included in the Plans and Project Manual, the quality of material and workmanship shall be subject to the written acceptance of the Architect.

1.1 PRE-BID MEETING MINUTES

Meeting minutes from the Pre-Bid Meeting held on April 21, 2015 are attached and are a part of this Addendum. In the event of a conflict between the information contained in the Pre-Bid Meeting Notes and the Drawings, Specifications and responses to questions contained in this Addendum, the latter shall take precedence.

1.2 CHANGES TO THE PROJECT MANUAL

A. Section 00010 – Table of Contents: REPLACE this page in its entirety.

B. Section 01270 – Unit Prices: ADD this section in its entirety.

C. Section 220410 – Plumbing Piping & Specialties

1. ADD the following paragraphs in their entirety:

a. “2.17 COMPRESSED AIR PIPING

A. Compressed air piping shall be Schedule 40 galvanized steel and shall conform to ASTM Standard Specification A-120 and to ASTM Standard Specification B-6 for zinc coating. Pipe fittings shall be galvanized malleable iron. They shall be 150 lb. and shall conform to ASTM Standard Specification A-47 or A-197 and to ASTM Standard Specification B-6 for zinc coating.”

b. “2.18 COMPRESSED AIR SYSTEM

A. All piping, materials, valves, installation, and testing shall be as specified in this section with modifications and labeling required for compressed air.”

c. “2.19 AIR REEL

A. Acceptable Manufacturer: Lincoln 85063 reel assembly, Lincoln #815 coupler, Lincoln #74024 product connecting hose.

B. Reel Assembly:

1. Reel: Shall be heavy duty with jam-proof latch, adjustable arm and roller outlet.
2. Hose: Shall be volume low pressure, working pressure of 200 psig, burst pressure of 800 psig, 50 long by 3/8” inside diameter.
3. Ball Stop: Adjustable

C. Coupler: Shall be female thread, maximum operating pressure of 200 psi.

D. Product Connecting Hose: 24” long with 1/4” QD industrial fitting.”

2. REVISE the following paragraphs to read as follows:

a. “2.11 THERMOSTATIC MIXING VALVE (P-9)

A. Furnish and install Powers LFLM490 thermostatic water mixing valve assembly furnished with inlet checkstops, outlet volume/shutoff valve. Finish shall be rough bronze. Unit shall be factory assembled and tested. Pipe with heat trap from hot water source. Mixing valve shall have 0.5 gpm minimum flow capacity and flow 13.0 gpm at 15 system pressure drop. Contractor shall pipe per manufacturer's requirements.”

b. “2.12 EXPANSION TANK (P-10)

A. Furnish and install an expansion tank Model ST-12 by Amtrol. Tanks shall be diaphragm type specifically designed for potable water.”

3. DELETE paragraph 1.3 C in its entirety.

4. DELETE paragraph 2.1 B in its entirety.

D. Section 260440 – Plumbing Fixtures & Equipment

1. REVISE the following paragraphs to read as follows:

a. “2.1 WATER CLOSET (P-1, P-2)

A. Furnish and install floor mounted tank type 1.6 gallon flush water closet. Unit shall be Gerber Ultra Flush two-piece elongated pressure assisted toilet Model 21-312 (P-1), 21-318 (P-2). Furnish and install with seat with cover. Furnish and install with McGuire chrome supply pipe with shut-off valve. Water closet P-2 shall be ADA compliant.”

b. “2.2 LAVATORY (P-3, P-4)

A. Furnish and install wall hung American Standard Lucerne Lavatory Model #0355.012. Unit shall be vitreous china with front overflow, back and side splash shields, “D” shape bowl and faucet holes on 4” centers suitable for concealed arms. Faucet shall be Delta HDF Commercial Model 523LF-HDF single handle faucet with 0.5 gpm vandal-proof aerator, back checks on supplies, ADA compliant, trip plate, and metal grid strainer. Furnish and install with Powers LFLM495, thermostatic mixing valve.

B. Furnish with LAV Shield Model 2018-AS-L by TRUEBRO or equal.

C. Mount at height as shown on Architectural Plans. P-4 shall be ADA compliant.”

c. “2.3 URINAL (P-5)

A. Furnish and install ultra high efficiency wall mounted vitreous china urinal. Unit shall be American Standard Washbrook Model #6590.001 top spud urinal suitable for 0.125 gpf flush valve with Zurn 2TR6203-ULF-LL battery operated sensor or equal.”

1.3 CHANGES TO THE DRAWINGS

A. Drawing P1.00 – DEMOLITION PLANS: ADD Sketch SKP-1 dated 04/27/2015 in its entirety.

B. Drawing P2.00 – PROPOSED PLANS: ADD Sketch SKP-2 dated 04/27/2015 in its entirety.

C. Drawing P3.00 – SCHEDULE NOTES & DETAILS:

1. REVISE General Plumbing Note #20 to read as follows:

“20. All piping and installation shall conform to the 2009 International Plumbing Code, local amendments and Plumbing Inspectors comments.”

2. ADD Sketch SKP-3 dated 04/27/2015 in its entirety.

D. Drawing E2.00 – ELECTRICAL LIGHTING AND POWER PLAN:

1. REVISE Lighting Plan Note #3 to read as follows:

“3. Existing 4 lamp fixtures reused. Replace lamps with F32T8/SPX41. Provide new ballast to replace malfunctioning units. Clean fixture interior lens and inner two lamps on one

ballast outer two lamps on the other. Refer to Unit Price Specification for Ballast Replacement.”

2. ADD Sketch SKE-1 dated 04/27/2015 in its entirety.

1.4 ATTACHMENTS

- A. Pre-Bid Meeting Minutes, dated April 21, 2015
- B. Section 00010 – Table of Contents (revised 04.28.15)
- C. Section 01270 – Unit Prices
- D. Sketch SKP-1, dated April 27, 2015
- E. Sketch SKP-2, dated April 27, 2015
- F. Sketch SKP-3, dated April 27, 2015
- G. Sketch SKE-1, dated April 27, 2015

END OF ADDENDUM



Please sign and return this page, via fax, to Eastern PCM, LLC at (717) 233-1666 indicating receipt of this Addendum.

Harrisburg Area Community College – Gettysburg Campus
Mechatronics Lab Renovation
Solicitation # RFB15-25

Addendum #1 has been received.

Company: _____
Print Company Name

Received By: _____
Print Name Signature

Date: _____

Please check one:

- _____ We are bidding as a prime contractor
- _____ We are not bidding
- _____ We are a sub-contractor

concrete slab trenching, patching and finishes, new acoustic tile ceilings and paint. New power and compressed air distribution will be installed to serve the new program. Existing mechanical equipment and controls will be reconfigured to accommodate the new layout. Existing fire protection system will be modified to accommodate the new ceiling height.

- 1.4 The schedule of the project is as follows:
 - a) Bid Date: Thursday, May 7, 2015, 3:15 PM EST.
 - b) Contract Award: June 3, 2015; subject to Board of Trustees approval.
 - c) Construction Start: June 18, 2015.
 - d) Construction Complete: September 18, 2015.
- 1.5 Working Hours will be 7:00 AM – 5:00 PM, Monday through Friday; work outside these hours must be coordinated in advance with the Owner through EPCM. Friday hours may be modified by the owner. Mr. Cline indicated that on Fridays Security may only be on Campus until 4:00 PM.
- 1.6 Mr. Lamay reminded the attendees that this is a Prevailing Wage Project and that the rate determination can be found in the Project Manual.
- 1.7 Mr. McEnany explained the PennBid electronic document and bid exchange procedures.
 - a) All bidders must register through PennBid at (www.ebidexchange.com/pennbid).
 - b) All bid documents will be available for Contractors and their subs at no cost through PennBid.
 - c) Only Electronic submissions of bids through PennBid will be accepted.
- 1.8 Mr. McEnany distributed a handout from PennBid. The handout is attached to the meeting minutes.
- 1.9 All questions must be submitted through the PennBid website. The last day for questions is May 1, 2015 at 2:00 PM.
- 1.10 Addenda will be issued and posted by EasternPCM to the PennBid website if necessary.
- 1.11 A site tour was conducted.

Respectfully Submitted,
Peter J. Shkuda, Eastern PCM, LLC

The above summations are the interpretation of the author as to the items discussed and the decisions reached. Corrections or additions to these minutes are to be made in writing and sent to the attention of the writer no later than 5 days after receipt; otherwise, these minutes will stand as written.

Attachments: PennBid New Vendor Registration Information

cc: All Attendees





Pennsylvania's Electronic Document & Bid Management Program

New Vendor Registration

Registering as a Vendor/Bidder – To register as a bidder in order to respond to posted bid invitations, follow the registration process below.

As a bidder using the PennBid Program, you can obtain all documents, specs, and drawings and submit secure bids online at no cost. A nominal capped fee of 1/8th of 1% for term contracts and 1/4 of 1% for fixed fee contracts is assessed only to bidders who are issued awards. For vendors and bidders not issued contracts, there is absolutely no fee.

By completing the registration process, you gain access to RFPs and RFQs posted by all agencies, engineering firms, and private companies. Just as important, they have access to you for private and by-invitation solicitations by searching the database for your products or services.

Registering to Post and Manage New Solicitations - If you would like the ability to post and manage public and "by invitation only" bids, solicitations and Request for Proposals, please contact our office at info@PennBid.net or by calling (717) 488-0035. We can set up your account in minutes and provide online training.

<https://www.ebidexchange.com/RegUser.aspx?cid=e1677bd6-f8b0-44d2-bd37-c244ac8d9bda&uid=00000000-0000-0000-0000-000000000000>

.0025 (\$100 per \$40,000) for Fixed Fee contracts (for example a \$50,000 award fee is \$125)

.00125 (\$100 per \$80,000) for Term Contracts (for example a \$100,000 award fee is \$125)

All fees are capped @ \$5,000, minimum fee is \$100

If contract is less than \$10,000, no fees at all.

FAQ by Category

1. General FAQs ([top](#))

Q: A. What is PennBid™ and how will my agency benefit?

The PennBid™ program was designed through the collaborative efforts of 24 municipal agencies to streamline and significantly reduce the cost of bids and bid solicitations. PennBid™ is a secure internet based system for managing many aspects of the bid procurement process. Specifically, document distribution, notification and communications with vendors / bidders, addenda management, receipt and tabulation of the bids and awarding of contracts.

Q: B. Is electronic bidding and bid management allowed for Pa local governments?

A: Yes – Act 88 of 2006 amended local government procurement provisions by unanimous vote. (245-0) Details are outlined in Pa Legislator’s Municipal Deskbook.

Q: C. Does each agency manage their own bid proposals?

A: Absolutely. Each agency is given unique access to set-up and manage their proposals individually.

Q: D. Can all departments within our Agency use PennBid™?

A: Yes – PennBid™ can be used for any request-for-quotation or request-for-proposal, regardless of department. The same system can be used by Public Works, Engineering, Public Safety, Authorities, Admin., and School Systems.

Q: E. What types of proposals can be competitively bid using the PennBid™ Program?

A: A1 – PennBid™ can be used for any solicitation and request-for-proposals, ranging from construction project and equipment rental to office supplies and professional services. A2 – All forms of online bids are supported by PennBid™; Q&A, Lump Sum, Line Item, and combination.

Q: F. Does PennBid eliminate the need for public advertising?

A: No. Agencies must still publically advertise some bids, however, using PennBid™ allows the print ads to be much smaller, reducing newsprint costs by 50-75%.

Q: G. What is the expected savings using PennBid™?

A: Overall time and cost is reduced by 80% compared to paper solicitations. Typically agencies save around 6% of total bid value.

2. Agency FAQs ([top](#))

Q: A. Can PennBid be used for both RFPs and RFQs?

A: Yes – PennBid can efficiently be used for proposals, lump sum, and line items bids.

Q: B. Can events such as a pre-bid meeting be scheduled using PennBid?

A: Yes – Pre-bid meetings, site walk downs, and any other event or meeting can be schedule in a matter of seconds using PennBid.

Q: C. How long does it take to post a solicitation for proposal or bid?

A: From start to finish, a full solicitation for proposal or bid can be posted in 15 minutes.

Q: D. What documents are available to the bidders?

A: All documents, such as specifications, bid forms, pre-qualifications, and plans posted by the Agency are available to the bidders.

Q: E. Can bidders provide documents to others?

A: Yes – bidders can download documents, send them to subcontractors and suppliers, and print out what is wanted.

Q: F. Can the Agency screen the bidders based on qualifications?

A: Yes – Agencies establish their own expectations and qualifications for bidders, exactly as they have in the past.

Q: G. Can Agencies select who they want to bid on their solicitation?

A: Yes – Agencies can select a “private” bid and invite specific bidders.

Q: H. If the agency used PennBid for a private bid, can other bidders see the solicitation?

A: No – Only invited bidders have access to these solicitations.

Q: I. Must the Agency monitor PennBid to receive questions from bidders?

A: No – When a bidder asks a question, the Agency manager receives an email containing the question.

Q: J. Does the Agency manager need to track bidder’s email, phone and fax numbers, etc?

A: No – PennBid tracks all pertinent information about every bidder.

Q: K. How are questions communicated with bidders?

A: Two ways – Every question and answer is emails directly to every bidder (with just two mouse clicks) and all Q&As are maintained within PennBid and available to bidders.

Q: L. How is addenda managed?

A: Addenda messages and attachments can be sent to every bidder with just a few mouse clicks.

Q: M. How is addenda acknowledged and tracked?

A: With a single mouse click, the Agency manager can request receipt acknowledgement of addenda and messages. PennBid date and time stamps when the bidder opens the email and any attachments.

Q: N. When are bid results displayed?

A: The Agency manager determines when and what information is displayed about the solicitation and award.

Q: O. Can awards be divided between multiple vendors?

A: Yes – Line item bids can be easily divided and awarded in multiple ways.

00010 - TABLE OF CONTENTS

DIVISION 0 – CONTRACT REQUIREMENTS

00100	INVITATION TO BID
00150	INFORMATION FOR BIDDERS
00200	INSTRUCTIONS TO BIDDERS - AIA DOCUMENT A701
00210	SUPPLEMENTARY INSTRUCTIONS TO BIDDERS
00430	BID BOND - AIA DOCUMENT A310
00440	MBE/WBE UTILIZATION
00453	NON-COLLUSION AFFIDAVIT
00500	STANDARD FORM OF AGREEMENT - AIA DOCUMENT A132
00615	PERFORMANCE AND PAYMENT BONDS - AIA DOCUMENT A312
00620	CERTIFICATE OF INSURANCE - AIA DOCUMENT G715
00700	GENERAL CONDITIONS OF THE CONTRACT - AIA DOCUMENT A232
00800	SUPPLEMENTARY GENERAL CONDITIONS
00820	PREVAILING WAGE RATES

DIVISION 1 – GENERAL REQUIREMENTS

01125	SUMMARY OF CONTRACT
01230	ALTERNATES
01250	CONTRACT MODIFICATION PROCEDURES
01270*	UNIT PRICES
01290	PAYMENT PROCEDURES
01310	PROJECT MANAGEMENT AND COORDINATION
01320	CONSTRUCTION PROGRESS DOCUMENTATION
01330	SUBMITTAL PROCEDURES
01400	QUALITY REQUIREMENTS
01500	TEMPORARY FACILITIES AND CONTROLS
01500A	CONSTRUCTION SIGN DETAILS
01600	PRODUCT REQUIREMENTS
01600A	SUBSTITUTION REQUEST – APPENDIX A
01731	CUTTING AND PATCHING
01732	SELECTIVE DEMOLITION
01770	CLOSEOUT PROCEDURES
01781	PROJECT RECORD DOCUMENTS
01782	OPERATION AND MAINTENANCE DATA
01820	DEMONSTRATION AND TRAINING

DIVISION 3 – CONCRETE

035300	CONCRETE TOPPING
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DIVISION 6 – WOODS, PLASTICS AND COMPOSITES

061000	ROUGH CARPENTRY
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DIVISION 7 – THERMAL AND MOISTURE PROTECTION

072100	BUILDING INSULATION
079200	JOINT SEALANTS

SECTION 01270 – UNIT PRICES

PART 1 – GENERAL

1.1 RELATED DOCUMENTS

- A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and other Division 1 Specification Sections, apply to this section.

1.2 SUMMARY

- A. This Section includes administrative and procedural requirements for unit prices.
- B. Related Sections include the following:
 - 1. Division 1 Section “Allowances” for procedures for using unit prices to adjust quantity allowances.
 - 2. Division 1 Section “Contract Modification Procedures” for procedures for submitting and handling Change Orders.
 - 3. Division 1 Section “Quality Requirements” for general testing and inspecting requirements.

1.3 DEFINITIONS

- A. Unit price is an amount proposed by bidders, stated on the Bid Form, as a price per unit of measurement for materials or services added to or deducted for the Contract Sum by appropriate modification, if estimated quantities of Work required by the Contract Documents are increased or decreased.

1.4 PROCEDURES

- A. Unit prices include all necessary material, plus cost for delivery, installation, insurance, applicable taxes, overhead and profit.
- B. Measurement and Payment: Refer to individual Specification Sections for work that requires establishment of unit prices. Methods of measurement and payment for unit prices are specified in those Sections.
- C. Owner reserves the right to reject Contractor’s measurement of work-in-place that involves use of established unit prices and to have this work measured, at Owner’s expense, by an independent surveyor acceptable to Contractor.
- D. List of Unit Prices: A list of unit prices is included in Part 3. Specification Sections contain requirements for materials described under each unit price.

PART 2 – PRODUCTS – Not Applicable

PART 3 – EXECUTION

3.1 LIST OF UNIT PRICES

A. Ballast Replacement

Replace ballast in the existing light fixtures. Provide unit cost per ballast.

END SECTION 01270

DIVISION 8 – OPENINGS

081113 HOLLOW METAL FRAMES
081416 FLUSH WOOD DOORS
087100 DOOR HARDWARE
088000 GLAZING

DIVISION 9 – FINISHES

092500 GYPSUM BOARD ASSEMBLIES
095123 ACOUSTICAL TILE CEILINGS
096519 RESILIENT FLOOR TILE
099110 PAINTING

DIVISION 10 – SPECIALTIES

101000 VISUAL DISPLAY BOARDS (PROVIDED BY HACC)
102113 TOILET COMPARTMENTS
102800 TOILET ACCESSORIES
104310 SIGNS
104416 FIRE EXTINGUISHERS

DIVISION 11 – EQUIPMENT

111320 PROJECTION SCREENS

DIVISION 21 – FIRE PROTECTION

210010 FIRE PROTECTION GENERAL PROVISIONS
210100 FIRE PROTECTION GENERAL EQUIPMENT
210300 FIRE PROTECTION

DIVISION 22 – PLUMBING

220010 PLUMBING GENERAL PROVISIONS
220100 PLUMBING GENERAL EQUIPMENT
220250 PLUMBING INSULATION
220410 PLUMBING PIPING & SPECIALTIES
220440 PLUMBING FIXTURES & EQUIPMENT

DIVISION 23 – MECHANICAL

230010 MECHANICAL GENERAL PROVISIONS
230100 MECHANICAL GENERAL EQUIPMENT
230250 INSULATION
230860 VENTILATION EQUIPMENT
230890 DUCTWORK SYSTEMS
230990 TESTING, ADJUSTING & BALANCING

DIVISION 26 – ELECTRICAL

260010 ELECTRICAL GENERAL REQUIREMENTS
260060 ELECTRICAL DEMOLITION
260180 EQUIPMENT WIRING SYSTEMS

260519	ELECTRICAL POWER CONDUCTORS AND CABLES
260526	GROUNDING AND BONDING FOR ELECTRICAL SYSTEMS
260529	HANGERS AND SUPPORTS
260530	TELECOMMUNICATIONS ROUGH-IN
260533	RACEWAYS AND BOXES
260534	SURFACE RACEWAYS
260553	IDENTIFICATION
260924	OCCUPANCY SENSORS
262415	EXISTING PANELBOARDS
262416	PANELBOARDS
262420	PANELBOARD SCHEDULES
262726	WIRING DEVICES
262813	FUSES
262816	ENCLOSED SWITCHES AND CIRCUIT BREAKERS
265100	INTERIOR LIGHTING
265200	LUMINAIRE SCHEDULE

DIVISION 28 – ELECTRONIC SAFETY & SECURITY

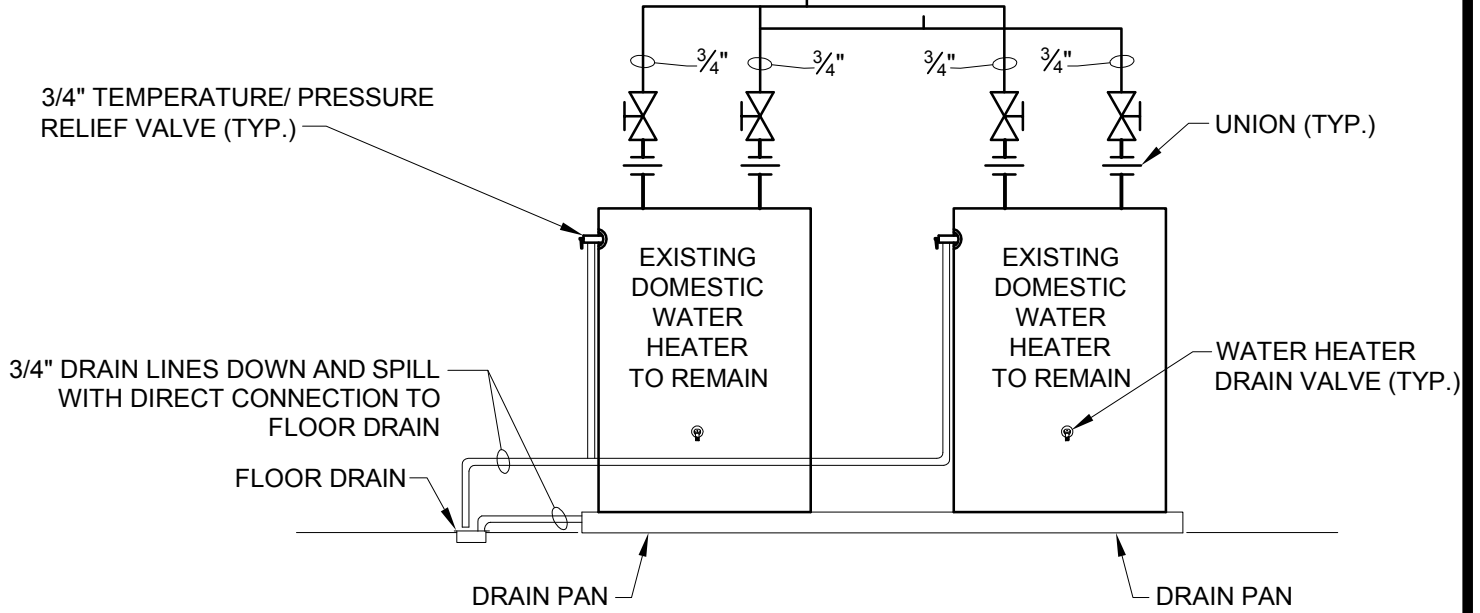
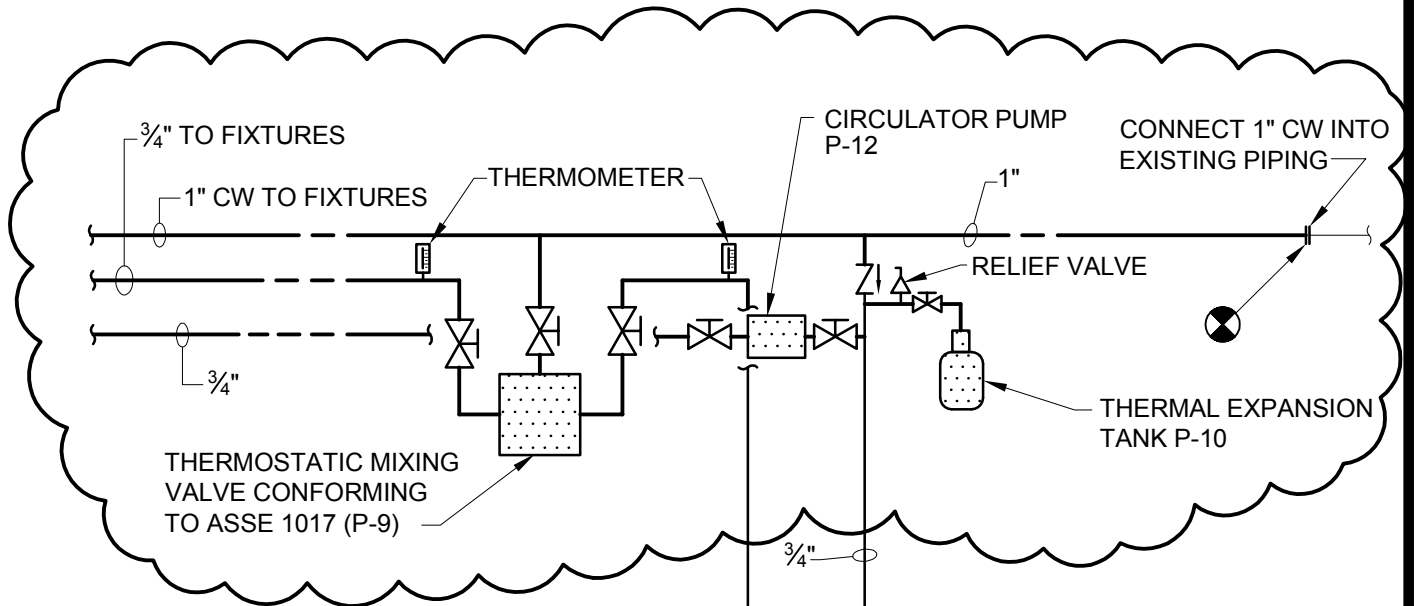
283110	EXPANSION OF EXISTING FIRE ALARM SYSTEM
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DRAWINGS – DATED APRIL 16, 2015

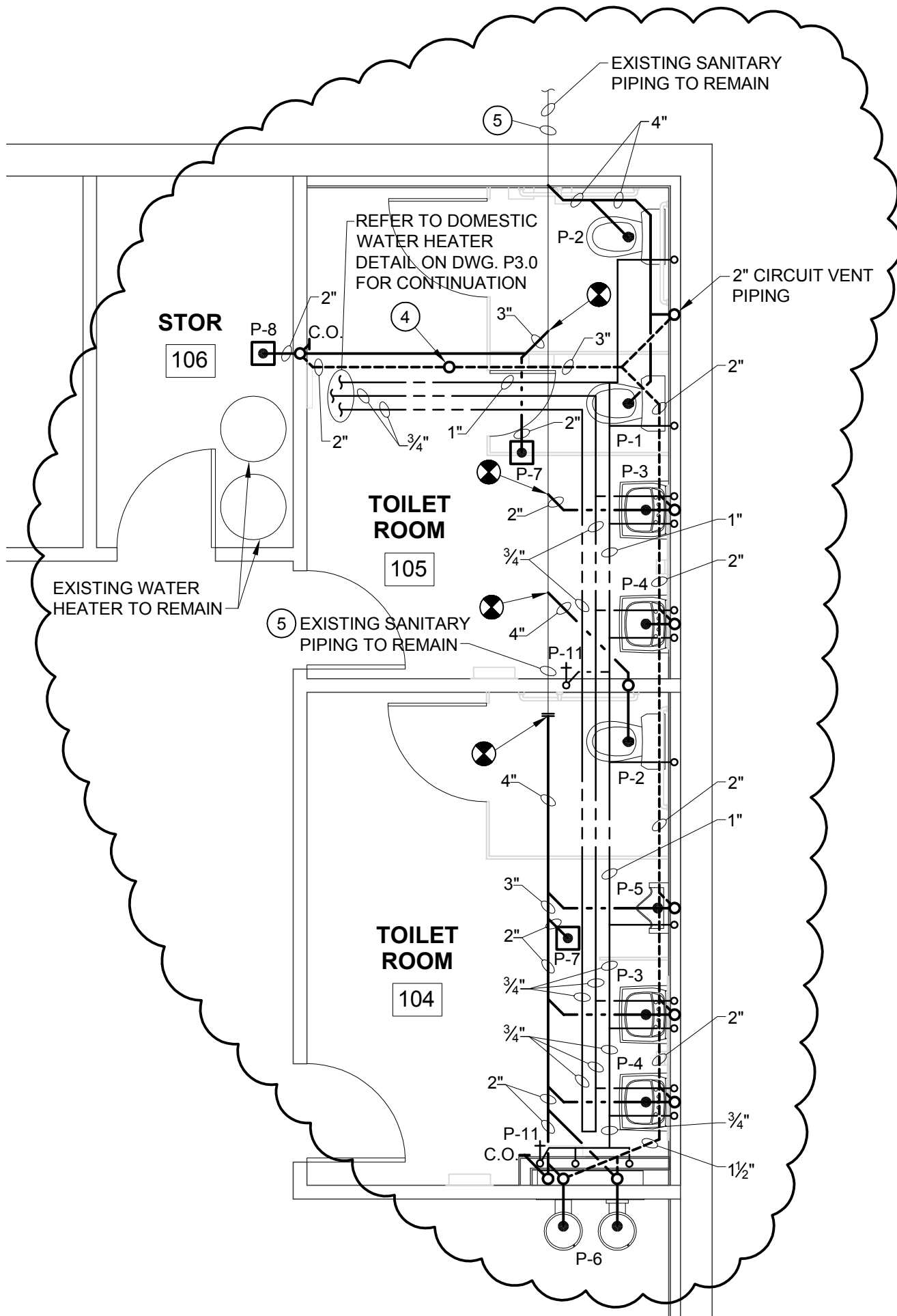
CS1.00	COVER SHEET
D1.00	DEMOLITION PLANS
A1.00	FLOOR PLANS
A1.01	REFLECTED CEILING PLAN
A4.00	ENLARGED PLANS AND DETAILS
A6.00	SCHEDULES
M1.00	DEMOLITION PLAN
M2.00	PROPOSED PLANS
M3.00	MECHANICAL SCHEDULES AND NOTES
E1.00	ELECTRICAL DEMOLITION PLANS
E2.00	ELECTRICAL LIGHTING AND POWER PLAN
E3.00	ALT. BID PLAN SCHEDULES AND DETAILS
P1.00	DEMOLITION PLANS
P2.00	PROPOSED PLANS
P3.00	SCHEDULES, NOTES AND DETAILS
FP1.00	DEMOLITION PLAN
FP2.00	PROPOSED PLAN
FP3.00	NOTES
SKP-1*	PLUMBING SKETCH 1 OF 3
SKP-2*	PLUMBING SKETCH 2 OF 3
SKP-3*	PLUMBING SKETCH 3 OF 3
SKE-1*	ELECTRICAL SKETCH 1 OF 1

***Additions issued via Addendum #1 dated April 28, 2015**

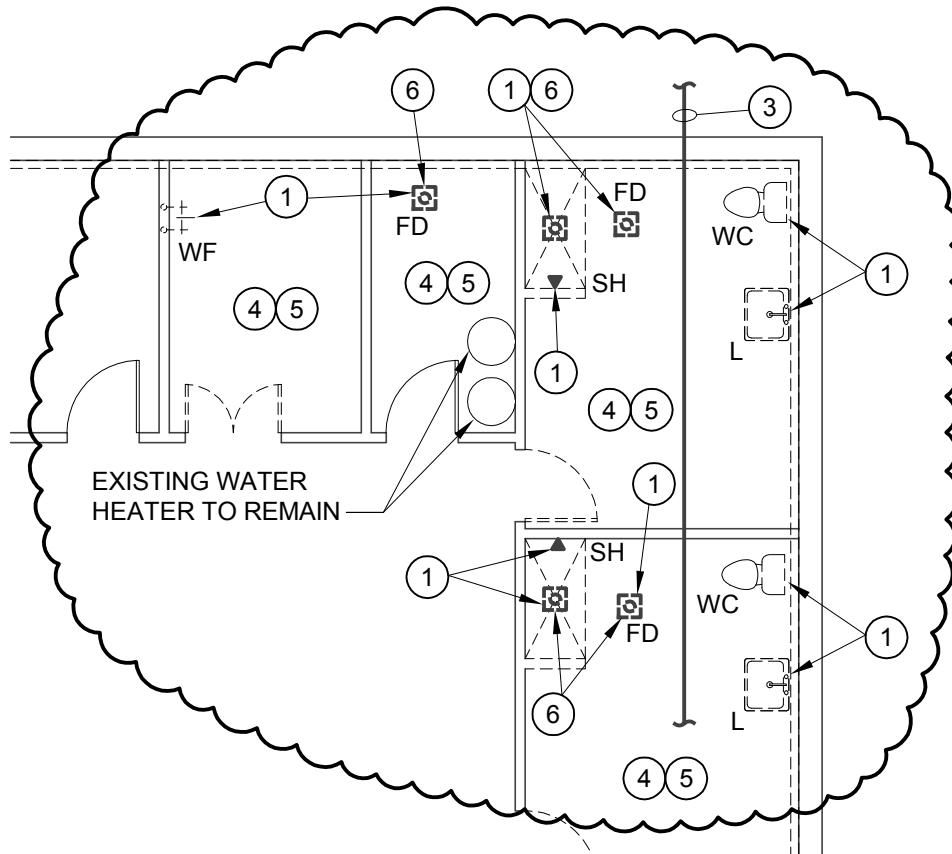
END TABLE OF CONTENTS



**DOMESTIC WATER
HEATER DETAIL**
NO SCALE



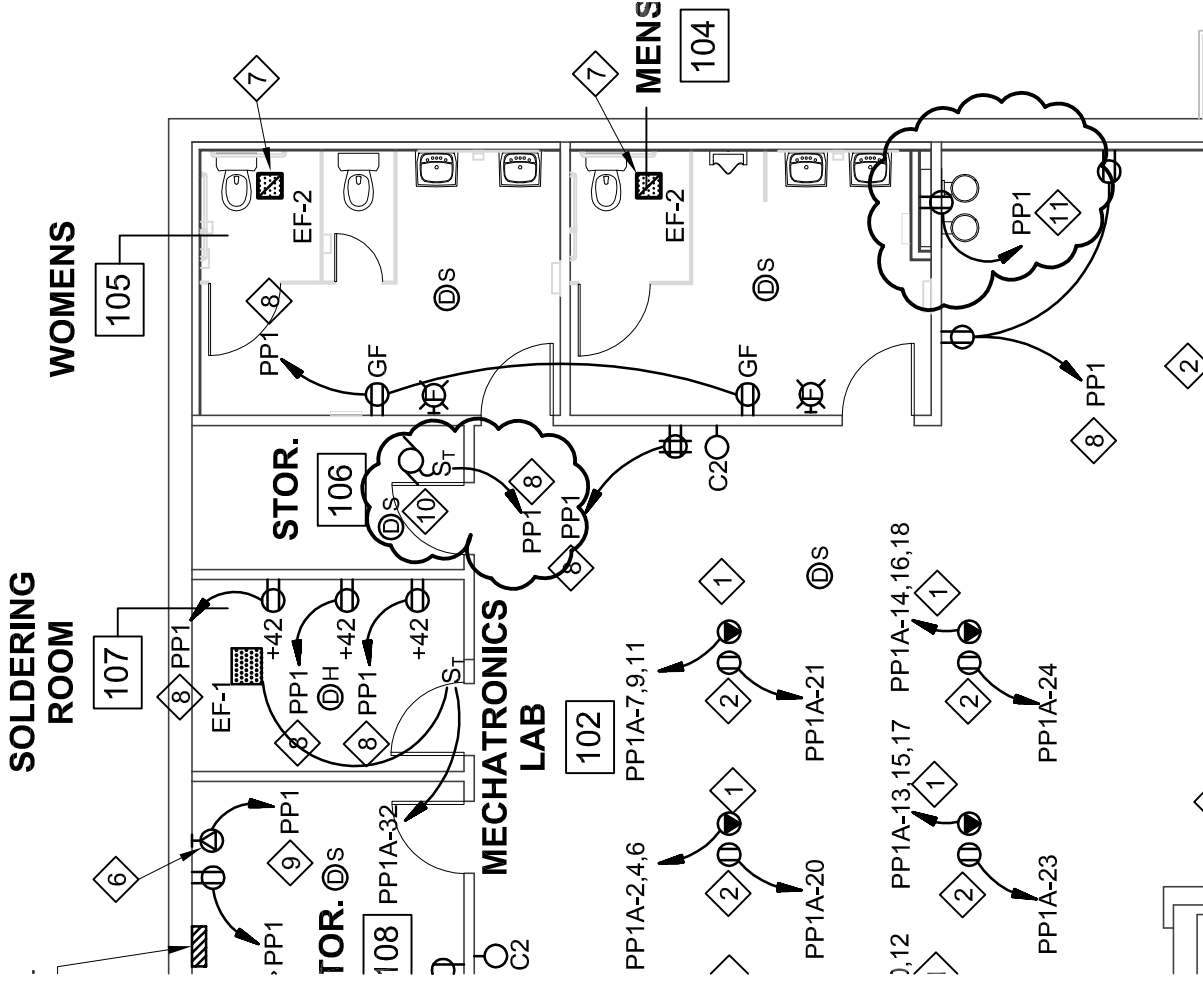
2 ENLARGED TOILET ROOM PLANS
1/4" = 1'-0"



① BASE BID DEMOLITION PLAN
1/8" = 1'-0"

NOTES:

- ① REMOVE EXISTING FIXTURE AND ALL ASSOCIATED PIPING AND APPURTENANCES BACK TO BRANCH CONNECTION(S) AT MAIN(S) OR AS SHOWN AND CAP. PROVIDE CONNECTION(S) TO NEW FIXTURE(S). SEE DRAWING P-2.0 FOR NEW WORK.
- ② EXISTING FIXTURES TO REMAIN IN PLACE AND IN SERVICE IN THIS AREA UNLESS NOTES OTHERWISE.
- ③ EXISTING PIPING TO REMAIN.
- ④ REMOVE ALL EXISTING DOMESTIC HOT WATER PIPING IN THIS AREA.
- ⑤ REMOVE ALL EXISTING DOMESTIC COLD WATER PIPING BACK TO MAIN AT WATER HEATER AND PREPARE FOR EXTENSION TO NEW PLUMBING FIXTURES. REFER TO DRAWING P2.00 FOR NEW WORK.
- ⑥ EXISTING PIPING FROM REMOVED FIXTURE SHALL REMAIN. PROVIDE CLEANOUT IN FLOOR AT REMOVED FIXTURE FLUSH WITH FLOOR.



1 ELECTRICAL POWER PLAN
1/8" = 1'-0"

10 HOT WATER RECIRCULATING PUMP.
11 PROVIDE A 20 AMP, 5 mA TRIP GFCI BREAKER IN PANEL PP1