



State of Rhode Island  
Department of Administration / Division of Purchases  
One Capitol Hill, Providence, Rhode Island 02908-5855  
Tel: (401) 574-8100 Fax: (401) 574-8387

**ADDENDUM # 2**

BID # 7449734

BID TITLE: MAXIMUM SECURITY HEATING AND PLUMBING UPGRADE  
DOC

OPENING DATE AND TIME: 7/11/2012 10AM

**EFFECTIVE JANUARY 11, 2011: NEW SOLICITATIONS MUST  
COMPLY WITH R.I. GEN. LAWS SECTION 37-2-18 (P.L. 221).**  
(Refer to the Attached: Notice to Contractors and Vendors Bidding on Public  
Works Projects)

THIS ADDENDUM CHANGES BID OPENING DATE AND TIME TO JULY 26, 2012 AT 10AM.

THIS ADDENDUM ANSWERS QUESTIONS SUBMITTED BY EMAIL AND ADDRESSES ISSUES BROUGHT UP AT MANDATORY PREBID.

THIS ADDENDUM INCLUDES 3 PAGE REVISED BID FORM WHICH MUST BE SUBMITTED WITH BID PROPOSAL.

ANY ADDITIONAL QUESTIONS CONCERNING THIS SOLICITATION MAY BE E-MAILED TO THE DIVISION OF PURCHASES AT [bidinfo@purchasing.ri.gov](mailto:bidinfo@purchasing.ri.gov) NO LATER THAN 12 NOON TIME (EST) JULY 11<sup>TH</sup>. PLEASE REFERENCE THE RFP/BID NUMBER ON ALL CORRESPONDENCE. QUESTIONS SHOULD BE SUBMITTED IN A MICROSOFT WORD ATTACHMENT. ANSWERS TO QUESTIONS RECEIVED, IF ANY, WILL BE POSTED ON THE INTERNET AS AN ADDENDUM TO THIS SOLICITATION ([WWW.PURCHASING.RI.GOV](http://www.purchasing.ri.gov)). IT IS THE RESPONSIBILITY OF ALL INTERESTED PARTIES TO DOWNLOAD THIS INFORMATION.



**State of Rhode Island  
Department of Administration / Division of Purchases  
One Capitol Hill, Providence, Rhode Island 02908-5855  
Tel: (401) 574-8100 Fax: (401) 574-8387**

**ADDENDUM # 2**

**BID # 7449734**

**BID TITLE: MAXIMUM SECURITY HEATING AND PLUMBING UPGRADE  
DOC**

**FROM MANDATORY PRE BID MEETING:**

IT WILL NOT BE NECESSARY TO X RAY CEMENT SLABS.

IT WILL NOT BE NECESSARY TO X RAY WELDS.

ALL WELDS DO NOT HAVE TO BE STAMPED: HOWEVER ALL PIPE FITTERS SHALL BE LICENSED IN THE STATE OF R.I. AND ALL WELDERS SHALL HAVE WELDING CERTIFICATES. THIS SHALL BE PROVIDED FOR ALL INSTALLERS AND GIVEN TO THE DOC AND ENGINEER OF RECORD BEFORE ANY WORK IS PERFORMED.

CERTIFICATE OF OCCUPANCY WILL NOT BE REQUIRED. ONLY SIGN OFFS BY THE STATE AND ENGINEER OF RECORD WILL BE REQUIRED.

PROJECT SHOULD BE COMPLETED WITHIN ONE YEAR OF AWARD DATE. HOWEVER, THERE IS NO LIQUIDATED DAMAGE CLAUSE. ANY COSTS DUE TO DELAYS BY THE DOC (E.G. RIOTS, ETC.) SHALL BE ABSORBED BY THE INSTALLING CONTRACTOR. NO EXTRAS WILL BE GIVEN OUT DUE TO DOC DELAYS.

VENDOR MUST ADHERE TO ALL WORK REQUIREMENTS AS REQUIRED BY THE DEPARTMENT OF CORRECTIONS.

VENDOR WILL DISPOSE OF RECYCLABLE MATERIAL (METALS) REMOVED IN DOC PROVIDED RECEPTACLES. ALL OTHER MATERIAL WILL BE REMOVED BY VENDOR. ANY INSULATION ON THE METAL SHALL BE REMOVED BY THIS CONTRACTOR BEFORE INSTALLING IN THE DOC RECEPTACLE.

THERE IS NO ASBESTOS INVOLVED. DOC WILL PROVIDE LETTER TO THAT EFFECT.

HEAT/STEAM TENTATIVELY SCHEDULED TO BE TURNED ON 10/15, HOWEVER WEATHER WILL PLAY A FACTOR AND MAY DELAY.



**State of Rhode Island  
Department of Administration / Division of Purchases  
One Capitol Hill, Providence, Rhode Island 02908-5855  
Tel: (401) 574-8100 Fax: (401) 574-8387**

**ADDENDUM # 2**

**BID # 7449734**

**BID TITLE: MAXIMUM SECURITY HEATING AND PLUMBING UPGRADE  
DOC**

ALL THREE ALTERNATES MUST BE BID, OR BID MAY BE DISQUALIFIED. REVISED BID FORM WILL BE ADDED TO THE STATE WEBSITE.

AS NOTED IN THE PROJECT SPECIFICATIONS THIS CONTRATOR OWNS CONTROLLING THE PIPE EXPANSION IN ANY NEW PIPING SYSTEM THAT HE/SHE INSTALLS. THERMAL EXPANSION CALCS SHALL BE PROVIDED TO THE ENGINEER OF RECORD FOR REVIEW ALONG WITH THE INSTALLATION OF THERMAL EXPANSION LOOPS OR JOINTS AS NEEDED.

THE EXSTING LOW PRESSURE STEAM PIPING THAT IS BEING RE-USED IN THE BASEMENT WINGS NEEDS TO HAVE THERMAL EXPANSION ADDED IN, DUE TO SOME RECENT PIPE FAILURES. THIS WILL ALSO BE THE RESPONSIBILITY OF THE INSTALLING CONTRACTOR, SINCE HE/SHE IS RE-HANGING ALL OF THE EXISTING PIPING AS PART OF THE PROJECT. AS A MINIMUM THE INSTALLING CONTRACTOR SHALL INCLUDE IN THE BASE BID PROPOSAL TO PROVIDE AND INSTALL (8) 4" STEAM RATED BELLOWS TYPE THERMAL EXPANSION JOINTS WITH PIPE ANCHORS. AND CARRY (1) 5" AND (1) 2-1/2" STEAM RATED THERMAL EXPANSION JOINTS WITH PIPE ANCHORS FOR ALTERNATE #2. EXPANSIOBN JOINTS SHALL BE RATED FOR 150 PSIG WORKING PRESSUER AND 850 DEG. F OPERATING TEMPERATURE. THE DOC AND ENGINEER OF RECORD RESERVES THE RIGHT TO REVIEW AND APPROVE THE TYPE BEING USED ON THE PROJECT.

PROVIDE AND INSTALL NEW TEMPERATURE GAUGE AT HPS BUILDING ENTRANCE RATED FOR 150 PSIG STEAM AND 800 DEG. F TO CONFIRM TEMPERATURE OF STEAM. BEFORE ENGERGIZING THE NEW SYSTEM TO VERIFY STEAM COMING FROM THE PLANT IS NOT SUPERHEATED.



State of Rhode Island  
Department of Administration / Division of Purchases  
One Capitol Hill, Providence, Rhode Island 02908-5855  
Tel: (401) 574-8100 Fax: (401) 574-8387

**ADDENDUM # 2**

**BID # 7449734**

**BID TITLE: MAXIMUM SECURITY HEATING AND PLUMBING UPGRADE  
DOC**

**QUESTIONS SUBMITTED BY EMAIL:**

1. Section 00100 1.1.A: This section states there is no compensation for conflicts or errors in the bid documents. This seems to place any responsibility for design error on the contractor. Are the provided drawings considered 100% drawings or conceptual? **The drawings are 100% bid documents.**
2. Section 00110 1.4.C: Acceptance/consideration of bid requires the opinion of the Architect/Engineer. Will Arden Engineering, the engineer of record, be allowed to bid this as a Mechanical Prime contractor as well as it appeared they had signed in to the mandatory pre-bid as such as well as their engineer signing in. **Yes**
3. Section 00110 1.12: States the owner is the State of RI Department of Elementary & Secondary Education. Assume this is a typo. **Yes**
4. Section 00800 1.8.B: Requires the insurance limits be set higher than State required levels. Are the listed requirements superseding the general State requirements? **Yes**
5. Section 00800 1.8.D: Requires that the Architect/Engineer to be listed as an additionally insured. Will they be a party to the contract as we cannot generally insure an un-related party. **No**
6. Section 00800 1.8.E: Requires Builders Risk Insurance to be obtained by the contractor. Shall this be the set at the value of this project or for the value of the building? **Value of the contract.**
7. Section 00800 1.8.G: References the "Public Library". Assume this is a typo. **Yes**
8. Section 00800 1.9.C.1: Specifies that all work to be performed to the 2006 code. We have been on the 2009 code since last summer, so assume this is a typo. **Use 2009, project was completed a year ago.**



State of Rhode Island  
Department of Administration / Division of Purchases  
One Capitol Hill, Providence, Rhode Island 02908-5855  
Tel: (401) 574-8100 Fax: (401) 574-8387

**ADDENDUM # 2**

**BID # 7449734**

**BID TITLE: MAXIMUM SECURITY HEATING AND PLUMBING UPGRADE  
DOC**

9. Section 01020 1.2.A.1: Conflict in written cash allowance amounts in specification. For clarification and per instruction at pre-bid we are to carry \$50,000.00. **Carry \$50,000.00**

10. Section 01300 3.3.A: Contractor is responsible for errors and omissions of the engineer. This seems to be in line with question #1. We need clarification as to what level of engineering has been performed and what levels of engineering responsibility are for each party. **Contractor is responsible for the installation, Engineer owns pipe and equipment sizes.**

11. Section 01400 1.6.A: Requires samples of install work and construction to be provided. Could we get a schedule of what the desired samples would be. It is unclear if we would be required to submit samples on every nut and bolt or just submittals etc. **We are mostly concerned with the quality of the welds. A sample joint may be required to be given to the Engineer of Record for inspection by a third party**

12.. Section 01700 1.6.D.1: Requires a certificate of occupancy be obtained by the contractor. Is this a typo and would State Building permits with sign offs be acceptable? **Sign off by the State building department is required.**

13. Section 01700 1.6.I: Requires spare parts, but it appears none are listed. Could we get a list of the spare parts requested. **This would be required for any new equipment. Verify with equipment Vendors.**

14. Section 15000 1.3.F: Engineer can modify design at no cost to the Owner. How can a design change after a bid is placed that may result in additional cost to the contractor go unilaterally without ability to be compensated? **No change to pipe sizes, equipment sizes, etc. If piping, equipment etc. is installed without the Engineers approval, this contractor is at risk to remove anything that is found not to be acceptable to the Engineer. In other words, in is your best interest to seek the Engineers approval before installing anything on this project.**



State of Rhode Island  
Department of Administration / Division of Purchases  
One Capitol Hill, Providence, Rhode Island 02908-5855  
Tel: (401) 574-8100 Fax: (401) 574-8387

**ADDENDUM # 2**

BID # 7449734

BID TITLE: MAXIMUM SECURITY HEATING AND PLUMBING UPGRADE  
DOC

15. Section 15000 1.4.F: Equipment must conform with owners insurance underwriter: Who is the underwriter, has any compliance work been performed by the engineer to date and who is responsible financially if specified equipment does not conform? **Verify with DOC. Should be the same underwriter for all State work.**

16. Section 15000 1.10: Engineer will provide AutoCAD 2010 drawings but will not certify the accuracy. Who is responsible to certify the accuracy of the bid documents? **The Engineer will provide the Installing Contractor, the single line piping drawings that were generated for bid. The installing contractor will take these CAD files and generate fabrication drawings for review and final installation. These documents will then be used as is or modified accordingly as needed to represent the as-built conditions.**

17. Section 15000 1.10.D: Each trade shall submit the record set (drawings) for approval by the building department. It would seem that the record set is the set provided with the bid documents. This was talked about at the pre-bid, but why would a bidder be responsible to submit a set of drawings done by others and who is responsible financially or otherwise if the building department either rejects them or request modifications? **The Engineer of Record will be responsible for stamping and submitting the bid documents to the State for approval, if this has not already been done by the DOC.**

18. Section 15000 1.15.B: All tie ins must be made on 2nd or 3rd shift: Is there a limit on the number of shut downs allowed for tie ins and who will be responsible for staffing and related cost for these shutdowns and re-starts? **Some tie-in work can be done while the bldg.. heating system is off for the non heating season. The high pressure steam tie-in and pumped condensate tie-ins will need to be done on 2nd or 3rd shift as discussed. All costs shall be carried by this installing contractor.**



State of Rhode Island  
Department of Administration / Division of Purchases  
One Capitol Hill, Providence, Rhode Island 02908-5855  
Tel: (401) 574-8100 Fax: (401) 574-8387

**ADDENDUM # 2**

**BID # 7449734**

**BID TITLE: MAXIMUM SECURITY HEATING AND PLUMBING UPGRADE  
DOC**

19. Section 15000 2.3.C & 2.3.E: Section C calls for 12" x 12" doors for readily accessible equipment but section E calls for a minimum door size on all doors of 14" x 14". Which section is correct? **Use 14"x14"**.

20. Section 15000 3.10.A: Requires all piping be painted. Is this required of concealed and covered piping as well? **No. Painting will be required color code the differences between schedule 80 and 40 as indicated in 15500 page 10 para 2.0 J.**

21. Section 15000 3.14.A.3: States the owner is awarding the TAB contract but section 3.14.A.5 and down refer to the TAB contractor as the Sub-Contractor. Who is hiring the balancer? **The Installing Contractor not the owner.**

22. Section 15000 3.16.C: Refers to a 3rd party vendor providing field reports. Who is this and who is hiring them? **Any Vendor that provides start-up of equipment shall be considered 3rd party.**

23. Section 15000 1.4.M: Design of all expansion joints is by the bidder. This was spoken about at the mandatory pre-bid, but conditions beyond the limits of this work and the building itself may contribute to expansion issues within the building. We also will need all pertinent information on incoming steam temps to properly size expansion joints. This will require a high level of engineering before an accurate bid can be formulated. Would the State consider and allowance for expansion joints and or furnish design drawings? **See minutes of meeting for additional information. In any case this contractor owns the proper installation of the new and existing piping so that it does not crack or overstress due to the installation. Basically I am asking that the installing contractor provide and install piping systems that will not expand and contract. This contractor will be guaranteeing his workmanship.**



State of Rhode Island  
Department of Administration / Division of Purchases  
One Capitol Hill, Providence, Rhode Island 02908-5855  
Tel: (401) 574-8100 Fax: (401) 574-8387

**ADDENDUM # 2**

**BID # 7449734**

**BID TITLE: MAXIMUM SECURITY HEATING AND PLUMBING UPGRADE  
DOC**

24. Section 15000 1.6.A.3: Submit working plans signed and stamped by a RI Structural Engineer certifying that all seismic requirements are met. This section goes on to say that pipe less than 2" inside diameter is exempt from this requirement. The specified pipe A-53 seamless size 2" has an actual I.D. of 2.067. For the sake of this bid, should we consider the 2" A-53 to require engineering or was that not the intent? **Consider 2".**

25. Section 15090 2.7.A: Requires cast or welded bases be installed anytime pipe changes to vertical from a horizontal run. Does this apply to every size pipe and every length of horizontal run? Is there any spec on the desired base or are we responsible for design as well? **No spec. the installing contractor to provide for all piping 4" and above.**

26. Section 15090 2.9.D: Requires bidder to provide hanger frame drawings. Will manufacturers submittals be acceptable or will we be required to contract with an engineer and provide stamped drawings? **Manufacturer's submittals will be acceptable.**

27. Section 15250 2.2.A: Calls for insulation to be closed cell insulation but section 3.6 calls for fiberglass insulation. Which section is correct? **See table at end of spec.**

28. Section 15250 3.1.E: Calls for canvas insulation bags for all balancing valves. Is there a spec for the desired covers? R-Value, reseal able? **Purchase the manufacturer's pre-fab removable insulation as an accessory with the valve.**

29. Section 15250 3.3.A Requires all insulation to be PVC jacketed. Please provide spec. **See page 9 of 15250.**



State of Rhode Island  
Department of Administration / Division of Purchases  
One Capitol Hill, Providence, Rhode Island 02908-5855  
Tel: (401) 574-8100 Fax: (401) 574-8387

**ADDENDUM # 2**

BID # 7449734

BID TITLE: MAXIMUM SECURITY HEATING AND PLUMBING UPGRADE  
DOC

30. Section 15400 1.3.G: Prior to bid, contractor shall review noted scale drawings and confirm sizes with existing conditions. Are we to consider the provided drawings accurate and wall dimensions to scale?

**Per the drawings, the plumbing systems are not dimensioned. The drawings are to the scale as noted with the appropriate graphic scale shown. As specified, the contractors shall field verify the existing conditions prior to bid so that the state can obtain more accurate bid numbers.**

31. Section 15400 1.3.H: Scope of water piping is within 10' of water heater. Will this be measured distance from the water heater by a radius circle or developed length of pipe? **Developed length from the center of the water heater, 24" above finish floor.**

32. Section 15400 1.6.B: This section only allows for domestically produced components to be installed. Is this an ARRA project and subject to "Buy America" Provisions and does this apply to every component or just major components? As specified, American made products shall be used throughout this project to help the taxpayers ensure quality and reliability. What level of manufacturers documentation will be required to assure conformance? **Contractors shall submit shop drawings for approval as specified in Sections 1.7 and 1.8.**

33. Section 15400 1.7.H: Shop drawings must include details such as all core drilling locations. Is site conditions require that a proposed penetration point must be moved, will we be required to resubmit, or only note on final as-builts? **Noted on the final as-builts, provided that such core-drills do not interfere with other trades or existing conditions to remain. If such conditions arise, prior written approval from the plumbing engineer of record is required.**



State of Rhode Island  
Department of Administration / Division of Purchases  
One Capitol Hill, Providence, Rhode Island 02908-5855  
Tel: (401) 574-8100 Fax: (401) 574-8387

**ADDENDUM # 2**

BID # 7449734

BID TITLE: MAXIMUM SECURITY HEATING AND PLUMBING UPGRADE  
DOC

34. Section 15400 1.9.D: Commencement of work shall be constructed as complete acceptance of conditions and preparatory work. This seems to place any and all responsibility for concealed conditions, such as ledge for the underground on the bidder. Would the State consider removing this section? **We do not anticipate any underground plumbing work on this project so we do not anticipate encountering ledge or other unseen obstacles. This note is to ensure that the contractor will examine the areas of work so that he/she understands the existing conditions that will be encountered. This is a very old building with a lot of old materials and conditions. This will help save the state money by removing any excuses for not first understanding the existing conditions.**

35. Section 15400 1.17: Record set of drawings shall be on AutoCAD 2000 as opposed to the mechanicals on AutoCAD 2010. Is there any reason for requiring two different systems? **Use ACAD 2010 or newer.**

36. Section 15400 1.18.D: Requires three (3) day-notice to Engineer for inspections. Can we get a list of the required/desired inspections. **The two required inspections are specified in Section 1.18, part C.**



State of Rhode Island  
Department of Administration / Division of Purchases  
One Capitol Hill, Providence, Rhode Island 02908-5855  
Tel: (401) 574-8100 Fax: (401) 574-8387

## ADDENDUM # 2

BID # 7449734

BID TITLE: MAXIMUM SECURITY HEATING AND PLUMBING UPGRADE  
DOC

37. Section 15400 1.42.D: Contractor is responsible for foreign debris in the pipes. Can we clarify whether or not this is only related to debris generate from the contractors work as they would be connecting on both ends to existing components with unknown conditions inside those pipes. **The contractor is responsible for removing all debris as specified. This is because there is no way of proving whether or not the debris was there in the first place, at the places of connection. All debris must be removed by the contractor. Also, it will cost the state additional monies if the systems are not cleaned and tested as specified now and issues are found later because the debris was not removed.**

38. Section 15400 3.17.G: Insulation thickness listed as "Bare Minimum and used to the least extent possible". What is the desired thickness and please identify who will be determining the "Least extent possible" **The pipe sizes versus minimum thicknesses required are specified in Section 3.17G. The spec goes on to say: \* Insulation thicknesses listed are "bare minimums" and should only be used to the least extent possible so as to avoid local conflicts. Insulation thicknesses specified should be used otherwise. Since there are no other thicknesses listed, use the bare minimum.**



State of Rhode Island  
Department of Administration / Division of Purchases  
One Capitol Hill, Providence, Rhode Island 02908-5855  
Tel: (401) 574-8100 Fax: (401) 574-8387

**ADDENDUM # 2**

BID # 7449734

BID TITLE: MAXIMUM SECURITY HEATING AND PLUMBING UPGRADE  
DOC

39. Section 15500 1.4.A-C: All welds shall be stamped with the welders mark. Are all welds to be "Code Welds" and subject to either ASME inspection or X-ray? What is the specific weld procedure if they are to be code welds? **Weld Stamps and cold welds are not required as discussed in the pre-bid, however all pipe fitters shall be licensed in the State of R.I. and all welders shall have welding certificates. This shall be required for all installers and given to the DOC and Engineer of Record before any work is performed. The welds will be inspected by the DOC and Engineer to ensure quality. The installing contractor will be responsible for any defects or imperfections found in the welds and will be responsible for any cost to repair or redo the welds to the DOC or Engineers satisfaction.**

40. Section 15500 1.5.4: Schedule given is for Schedule 5 pipe but table 2.1 is for schedule 40 pipe. Is it correct to assume that schedule 40 is required or is schedule 80 required anywhere? **Use table 2.1 for all materials.**

41. Section 15500 2.1: Pipe 2 ½" thru 16" shall be seamless ERW. Is it seamless or ERW? **Seamless.**

42. Section 15500 3.3.Q.10: Requires temporary strainers be installed. Please specify what mesh as this will effect frequency of required cleaning and who is responsible for blockages caused by non-project related debris such as rust, scale etc.? **.045".**

43. Section 15500 3.5.I.1: Requires a full time manufacturers employee to be on site when underground pipe is being installed. Is this requirement required of factory certified installers as well? **No, but system needs to be signed off by manufacturer and Engineer for proof of acceptance before buried.**



State of Rhode Island  
Department of Administration / Division of Purchases  
One Capitol Hill, Providence, Rhode Island 02908-5855  
Tel: (401) 574-8100 Fax: (401) 574-8387

**ADDENDUM # 2**

**BID # 7449734**

**BID TITLE: MAXIMUM SECURITY HEATING AND PLUMBING UPGRADE  
DOC**

44. Section 15500 3.11.A.1: Requires a rep from an approved chemical company to supply and witness pipe testing. There is no list or detail of chemical pre-treatment or a list of acceptable vendors in the specifications. Please provide. **Indicate as part of bid proposal who you will be using,**

45. Section 15500 3.12.A: Calls for testing of lines at 150 Psi for 8 hours but 3.12.C.5 calls for 100 Psi for 2 hours. Which test is correct? **150 psi for 8 hours.**

46. Section 15995 1.4: Calls for 60 days-notice to schedule commissioning. Is the bidder responsible for hiring an independent commissioning agent? **No, Engineer of Record and DOC shall witness, approve and commission the systems with the assistance of the installing contractor and equipment Vendors.**

47. Section 01700 1.5.A.1 - Reinspection fee payable to the engineer \$135.00 per hour. What is the engineer inspecting? and what constitutes a reinspection? **No reinspection fees will be applicable on this project.**

**ADDITIONAL 109 QUESTIONS ASKED AND ANSWERED ON FOLLOWING  
SHEETS (THIS ADDENDUM CONTAINS A TOTAL OF 26 PAGES)**



State of Rhode Island Department of Administration  
Division of Purchases

REVISED  
December 13, 2011

NOTICE TO CONTRACTORS  
AND VENDORS BIDDING  
ON PUBLIC WORKS PROJECTS

Effective **January 1, 2012** all Public Works related project proposals exceeding Seven Hundred Fifty Thousand (\$750,000) dollars are required to include a "public copy." All agency contract solicitations, requests for proposals, invitations for bids, etc. shall state that any bid or proposal that exceeds Seven Hundred Fifty Thousand (\$750,000) dollars must include a copy to be available for public inspection upon the opening of the bids. Any bid or proposal in excess of Seven Hundred Fifty Thousand (\$750,000) dollars which does not include a copy for public inspection shall be deemed to be non-responsive. Additionally, proposals submitted for a Master Price Agreement, when the total amount potentially may exceed Seven Hundred Fifty Thousand (\$750,000) and the solicitation expressly requires any or all vendors to submit a public copy, must include a copy to be available for public inspection.

For further information, please see R.I. Gen. Laws Section 37-2-18(j) and State Procurement Regulations at [www.purchasing.ri.gov](http://www.purchasing.ri.gov). This requirement applies to all public works projects (vertical and horizontal) exceeding Seven Hundred Fifty Thousand (\$750,000) dollars and any combination of base bid plus all alternates.

In accordance to the State Procurement Regulations that will become effective January 2, 2012 the following conditions are required:

1. All bid proposals shall be opened publicly and read aloud.
2. Each bid, together with the name of the bidder, shall be recorded and an abstract made available "immediately" for public inspection.

3. Copy of the redacted bid proposal shall be available for public inspection by the close of the business the day the subject bid(s) and/or contract(s) is opened by the Division of Purchases.
4. The burden to identify and withhold from the public copy that is released at the bid opening any trade secrets, commercial or financial information, or other information the bidder deems not subject to public disclosure pursuant to Chapter 38-2, the Access to Public Records Act, shall rest solely and exclusively with the bidder submitting the bid proposal.
5. At the time that a proposal is submitted, a bidder must submit a redacted copy of the bid proposal in a PDF (Portable Document File) file format on a read only CD-R Media Disk (hereinafter referred to as a "CD"). Vendors are required to provide all documents submitted in response to the bid solicitation on the CD.
  - a. The acceptable media is a CD-R. Media that is read/writable (CD RW) will not be accepted.
  - b. Only readable, not writeable media is acceptable.
  - c. Vendor is responsible for supplying their own CD-R media.
  - d. Vendor is responsible for the integrity of the CD.
6. Failure of the bidder to submit a public copy on a readable CD, as required by RIGL 37-2-18 as amended, shall result in the disqualification of said bid.
7. CD must be enclosed in a protective cover and the protective cover clearly labeled with the following:
  - a. Marked "Public Copy"
  - b. Title of Solicitation as it appears on the RIVIP cover letter.
  - c. Name of Company and Vendor ID as it appears on the RIVIP cover letter.
  - d. Bid Response Number as it appears on the RIVIP cover letter.
  - e. Date of Bid as it appears on the RIVIP cover letter.
8. Bid response on CD-R to be in a PDF (Portable Document Format).
  - a. One PDF file will be on the CD-R. File to meet the following requirements:
    - i. Only one file will contain all documents in response to the bid. If you have more than one document for the response, the documents must be concatenated or merged into one PDF document. Failure to submit only one PDF file may result in disqualification of bid.
    - ii. File should be named in the following manner:
      1. BidNumber\_DateofBid\_VendorName\_VendorID.pdf. Where:
        1. Bid Number is the bid number for which the response is for as it appears on the RIVIP cover sheet.
        2. Dateofbid is date of bid using the format (mm-dd-yyyy).
        3. VendorName is the name of the vendor as one word – no spaces or punctuation.
        4. Vendor ID as it appears on the RIVIP vendor cover sheet.

**Note: you must use underscores in separating the fields. Do not use underscores anywhere else in the filename other than to separate the fields.**

**Example: 1234567\_06-01-2011\_Vendor1\_9876.pdf**

9. Purchasing staff will officially conclude the bid opening and all loaded proposals will be posted to the Purchasing web site. All proposals will be available immediately after bid opening [www.purchasing.ri.gov](http://www.purchasing.ri.gov).

For technical assistance, contact the Division of Purchases office at 574-8100.

Bid Form  
SECTION 00300

Date: \_\_\_\_\_

To: The Department of Administration  
Office of Purchases  
One Capitol Hill  
Providence, Rhode Island 02908

Project: Plumbing Upgrade Project  
Adult Correctional Institute  
40 Howard Avenue  
Cranston, RI 02920

Submitted By: \_\_\_\_\_  
(Include Bidder's  
Address, Tel., Fax,  
and License No.  
if Applicable) \_\_\_\_\_

1.1 BID

Having examined the Place of the Work and all matters referred to in the "Instructions to Bidders" and "Supplementary Instructions to Bidders", and in the Contract Documents prepared by the Engineer, Arden Engineering for the above mentioned project, we the undersigned, hereby propose to enter into Contract to perform the Work for the sum of

BASE BID \_\_\_\_\_  
(Written and Numerically)

ALTERNATE #1 \_\_\_\_\_  
(Written and Numerically)

ALTERNATE #2 \_\_\_\_\_  
(Written and Numerically)

ALTERNATE #3 \_\_\_\_\_  
(Written and Numerically)

Bid Form  
SECTION 00300

We have included the following Allowance(s) from Division 1, Section 01020 of the Specifications in the above Bid Sum:

Contingency Cash Allowance:                   \$50,000.00

1.2 ACCEPTANCE

This Bid shall be irrevocably open to acceptance for 60 days from the Bid closing date. If this Bid is accepted by the Owner within 60 days, we will:

Execute the Agreement subject to compliance with required State regulatory agency approvals as described in the "Invitation to Bidders".

Furnish the required bonds in compliance with amended provisions of the "Instructions to Bidders".

Commence Work upon receipt of Purchase Order.

If this Bid is accepted within 60 days, and we fail to commence the Work, or we fail to provide the required bond(s), the security deposit shall be forfeited as damages to the Owner by reason of our failure, limited in amount to the lesser of the value of the security deposit, or of the difference between this Bid and the Bid upon which the Contract is signed.

In the event our Bid is not accepted within 60 days, the required security deposit shall be returned to the undersigned, in compliance with the provisions of the "Instructions to Bidders", unless a mutually satisfactory arrangement is made in writing for its retention and validity for an extended period of time.

1.3 CONTRACT TIME

If this Bid is accepted, we will achieve Substantial Completion of the work in the time frame specified in Section 00020 Invitation to Bid upon receipt of a Purchase Order.

29052-00300-Rev B  
June 12, 2012

Bid Form  
SECTION 00300

1.4 ADDENDA

The following Addenda have been received. The noted modifications to the Bid Documents have been considered and all costs are included in the Bid Sum.

Addendum No. 1, dated \_\_\_\_\_

Addendum No.2, dated \_\_\_\_\_

Addendum No.3, dated \_\_\_\_\_

Addendum No.4, dated \_\_\_\_\_

1.5 BID FORM SIGNATURES

\_\_\_\_\_  
(Bidder's name)

By: \_\_\_\_\_

Title: \_\_\_\_\_

Corporate Seal:

++ END OF SECTION 00300 ++

29052-00300-Rev B  
June 12, 2012

COMMENTS:

1. Please confirm link seals are not required as contractor is not penetrating through the existing perimeter wall of the facility. **Only required as specified. Contractors shall be responsible for field verification of all sanitary waste connections at the exterior walls as specified and as shown on the drawings.**
2. Per specification section 01100, the alternates are referred to as deducts. Please confirm these are add alternates. **Add Alternates.**
3. Please confirm the cash allowance is \$50,000, specification section 01020 states \$50,000 numerically, and \$10,000 in written form. **\$50,000**
4. Please provide specifications for the Electrical scope of work. **See Drawings.**
5. Please provide specifications for the Controls scope of work. **See Drawings.**
6. Who runs / maintains the existing BMS system onsite (i.e. Johnson Controls, Andover, Siemens). **There is no BMS.**
7. Regarding new steam system vents, are we reusing existing vents the roof or are we expected to install new vent lines through the roof. **See Drawings.**
8. Drawing H2.0, areas of the drawing are shown as existing to remain show some darkened lines for new work. Please identify the work required for these darkened lines. **See the Plan dwgs.**
9. Whether removing existing vents or installing new, how high is roof in comparison to basement / lower level basement. **Don't know, Dwg. H5.1 says to carry 70 feet of vertical for the venting**
10. Are the new steam vents in chases or in occupied spaces. **Neither.**
11. At the prebid there was mention of a basement window that could be used as access for materials into the basement. Please advise where this window is located on the drawings, how large the window is, and if there are specific procedures and restrictions to gain access to this window from the exterior. **This was observed during the pre-bid walk-through. The contractors shall be responsible for field verification as specified.**
12. When removing the old condensate return pumps should the contractor assume there is a 4" housekeeping pad which needs to be removed. **Yes.**
13. Please advise if new condensate receiver pumps require new 4" housekeeping pads. **Yes.**
14. Please confirm x-raying of concrete / brick walls, floors, or ceilings are not required. **It is not required at the present time.**
15. Please confirm there is an attic space beneath all of the roof penetrations. If not, clarify which areas may have an attic space, and which do not. **Contractors shall be responsible for field verification as specified.**
16. Per alternate #3, is the kitchen air makeup unit located at ceiling of the kitchen or is this unit located in an attic space. **Walkable ceiling space above kitchen.**
17. If located in the kitchen what is the above finished floor elevation for this unit. **Maybe 10'**
18. If located in the kitchen, please clarify the construction in this area, is it above a drop ceiling, an exposed ceiling, wood framing construction. **Not in kitchen**
19. Is the area around the kitchen makeup unit congested with other utilities or ductwork. **Visit the site.**
20. If the unit is located in the kitchen, does the work associated with this unit need to be completed off hours, or are there specific work restrictions regarding this work. **Normal Hours, when the kitchen is not serving food.**
21. If located in the kitchen, is anything located below this unit (i.e prep tables, sinks, food storage). **There is kitchen equipment located throughout the kitchen. The contractors shall be responsible for field verification as specified.**
22. Drawing H5.4, with regards to the makeup unit note #3 states to include all rigging and scaffolding needed to perform the work. Are there restrictions using the scaffolding in this area. Can this equipment be left assembled until work is completed, or will the contractor be required to assemble and remove daily. How much space can the contractor take up. Does this work need to be completed off hours. **Normal Hours, scaffolding above the kitchen area can remain in place until the job is completed as long as the space can be locked out from the prisoners. DOC to decide.**

23. If the makeup air unit is located in the attic, what is the access to get into this space. Are there security checkpoints to get to this access area. **The attic space is accessed through a hole in the ceiling via a ship's ladder. The contractors shall be responsible for field verification as specified. There are security checkpoints. ACI protocol shall govern as specified.**
24. If located in the attic will staging / scaffolding be required to gain access to this area. **Probably not, however, the contractors shall be responsible for field verification as specified.** Can this staging be left up till complete, or will the contractor need to assemble and disassemble daily. **If staging is required, assume assembly-disassembly for each work shift if located within the kitchen area itself.**
25. If the makeup air unit is located in the attic, please provide additional information regarding this area. What is the construction of this area? Is the floor of this space reasonably flat? What is the clearance height in this space? Can a cart be wheeled through this area? **It is an attic type space, you need to walk on joists, and install plywood as needed to perform the work. You will not be able to wheel anything.**
26. If the makeup air unit is located in the attic are the coils required to be shipped in sections in order to travel them up to the attic level. **Figure no, for now.**
27. Despite which area this work will be in, please confirm dust protection / floor protection is required while completing work. **Dust and Floor protection required in any occupied or finish space.**
28. Per specification section 01500 section 2.11, please confirm dust protection means fully framed walls with gypsum and a coat of paint. **The only area may be the kitchen area.**
29. Per drawing H5.4, note #9 states start up and commissioning plus additional time with the engineer of record to prove system functions properly. Please advise how much time is the contractor required to carry for this work. **Figure 16 hours.**
30. Please confirm there is no anticipation of asbestos onsite. **We do not anticipate asbestos on this project.**
31. Per drawing H5.5, please confirm the prudence hall work under the base bid is only to remove and install new trap assemblies. **Traps and control valves. See schedules.**
32. Per drawing H5.5, please confirm the prudence hall work, whether base bid or alternate #2, can be completed on normal working hours. **Normal Hours.**
33. Per drawing H5.5, note at the top of the page calls to "repair insulation on steam and condensate piping. Any uninsulated piping shall be insulated." Please provide an allowance to carry in our bid for this scope of work. If an allowance cannot be provided, please provide the following information: please clarify line sizes, the type of system per line size, and how the quantity (lineal footage) is required per size per system to be included in our bids. **Carry all the piping shown on this drawing. Mains are shown, figure 1-1/2" pipe size for runouts.**
34. Per drawing H5.5 within the Alternate #2 area on the drawing a note states "hanger and insulation replacement shall be included as part of the original scope of work". Alternate #2 is to replace existing steam and condensate piping and install as new with new hangers and insulation. The Base Bid should be to remove and install new trap stations. Please clarify the specific scopes of work for this area for both the Base Bid and Alternate #2 under this area. **See answers above.**
35. For the replacement of piping in the Prudence area, when the piping leaves the chase, does it all run below the floor, exposed at ceiling level, or above the ceiling in an attic space. **Below the floor.**
36. Please confirm all work associated with any control valves on the drawings, refer to Alternate #1. **See detail sheet H7.2.**
37. Drawing H5.5, new thermostats denote to be wired to individual control panels. Please confirm this work is only associated with the Alternate #1 control valve replacement. If not please advise if intended to be included in the Base Bid. **New controls is Alternate #1.**
38. Drawing H5.1, please clarify the differences between the left side of the drawing and the right. Confirm these are at separate elevations, if so please provide elevations. **Same areas, difference is the piping systems.**
39. Drawing H5.1, denotes a new 6" steam vent up through roof. Please advise what is the distance from this vent line in the basement to the roof. Also, please verify how many spaces / rooms we need to penetrate to get to the roof. Do all these spaces run through a chase, or exposed? If exposed, do we need to use the hyde-a-cover as noted on other drawings, or paint the pipe to match existing? **Already answered above.**

40. On the drawings in the title block, under general notes, note #1 refers to all existing piping shall be removed, re-hung, with new hangers, new insulation and re-pitched as required. At the walkthrough there appeared to be a substantial amount of piping not shown on drawings H5.1, H5.2, H5.3, H5.4, H5.5, H5.6 and H5.7. Please confirm that all of the new and existing steam and condensate piping systems are shown on the drawings. If not, can new drawings be provided with greater detail regarding the existing steam and condensate (high, medium, and low pressure) systems. **All new and existing piping is shown on the dwgs.**
41. In response to the previous question, can a list of per lineal foot quantities of pipe sizes by system be provided to better quantify this scope of work. Or can an allowance be established for this scope of work. **No. This is done as part of your bid estimate.**
42. Please confirm the contractor is required to clean and flush all new piping. **Clean and flush all systems as specified.**
43. Please confirm the contract is required to clean and flush all existing piping re-hung / repitched. **Clean and flush all systems as specified.**
44. At the walkthrough it was mentioned that some areas need to be installed with new piping in tandem with old lines. Once the new has been installed and tested, the old can be removed. It is unclear how this is anticipated to be completed between all of the new pipe lines, the old to be removed and the existing to be re-hung / repitched. Please provide a specific narrative of how the work is anticipated to be completed. Note some areas are heavily congested and do not permit this work to be completed in such a manner, how will these areas be handled. **Refer to plumbing drawings for "anticipated" sequence of connections. Contractors shall field verify proposed routings as specified. Put in what you can during the heating system in parallel. If not capable then it will need to be installed during the non-heating season.**
45. Please advise if the steam system can be shut down during the heating season. If so, please advise the total duration at which the system can be shut down. **Shut downs for tie-ins only.**
46. During the prebid, there was mention of the system having occasional failures, please confirm the contractor is not directly responsible for the entire system testing, but rather only the new piping installed. **The plumbing systems shall be cleaned and tested by the contractor as specified. The steam and condensate system old and new will be tested. It is the intent that when this project is complete the facility has a reliable steam piping system that will last for the next 100 years.**
47. Drawing H5.3, please confirm the direct buried and leak detection systems are by others, and that this contract ends with a blind flange just past the isolation valve within the basement. **Not required. Piping is not used anymore.**
48. Drawing H5.3, there is a note for the 2" low pressure steam and condensate to travel to the roof for the makeup air unit steam coil. Please provide the height and distance to reach this unit? Please advise how to gain access to this area. **Connections are made in the crawl space.**
49. With regards to the previous question and the penetration to the existing coil, please advise what the roof construction consists of. **No roof penetrations.**
50. Is the existing roofing system bonded. If not, can the Owner provide a list of preferred roofing vendors **ACI to confirm.**
51. Drawing H5.3, some of the lines shown on this drawing appear to be within the exterior wall of the structure. Please confirm this is shown for clarity and the contractor does not have to cut the existing walls to reach equipment on the floor above. **Should not be required, but needs to be verified in field. Contractor can visit site if needed before submitting bid.**
52. Please confirm that all the thermostats shown in Prudence, Hope and Aquid are existing to remain. If not, are all of these thermostats new, under the base bid. **New Controls is Alternate#2**
53. Drawing H5.2 in regards to the below grade piping, there is an existing hot water drain line which drains into this existing condensate line. Please confirm this existing condensate line must remain in place while the new direct buried line is installed in tandem with the old, so that there will be minimal shut down delays to the heating system which is tied to this drain line. **Yes**
54. Drawing H5.2 calls for direct buried pipe installed for the buried condensate line. The outer diameter of the system will be substantially larger than the existing. Also, manufacturer's recommended installation methods call for 24" of cover over pipe. Please confirm there is room next to the existing line, to excavate a trench to allow proper installation of this direct buried piping. **If not a temporary bypass line can be installed above the floor, and we make the existing trench larger.**
55. Please confirm the contractor is not responsible for any rock excavation which may be encountered when digging the direct buried line in the basement. Please confirm this work will be handled as an extra once encountered. **The project contingency money may be used if ledge is hit or a different approach may be considered.**

56. Drawing E1.0, denotes to run wiring and conduit to nearest panel. Please advise where the nearest panel is located, as this was not pointed out onsite during the prebid walkthrough. **Figure 100 ft. of wiring to the nearest panel.**
57. Please confirm that there is room in the existing panel to install the (3) new condensate receiver feeds. **Assume this is the case for bid.**
58. If there is not enough room in the existing panel, please advise what size panel is required and where to pull power from to reach this new panel. **If new panel is required, it will be an extra to the job.**
59. Drawing P1.0, when installing the new water heater, can we reuse the existing housekeeping pad. Or is a new one expected to be installed. **Install a new housekeeping pad, 6" high and allow 12" clear space around new water heater.**
60. When removing and installing new floor drains some of the existing kitchen floor tiles will be damaged to complete this work. Please provide more information regarding tile size, make, and color to match the existing with new. **The contractors shall be responsible for field verification as specified. Match the existing tiles as close as possible.**
61. Drawing P1.3, note in center of the drawing, states "as applicable remove existing grease waste trap". Is this work expected to be completed under this contract, or has the owner previously removed this trap and all appurtenances. **It was anticipated that this work was to be done by the ACI prior to this contact, however this is unclear at this time. The contractors shall be responsible for field verification as specified.**
62. When removing existing plumbing systems, can the whole system be removed and a new installed, or does this side of the system need to be built in tandem. **Refer to plumbing drawings for "anticipated" sequence of connections. Contractors shall field verify proposed routings as specified.** Please advise if there are restrictions regarding how much of the plumbing system can be taken offline at a time, or if specific areas need to be completed off hours. **Refer to specifications for all shut-downs.**
63. Drawing P1.5, along column line 5 there is a note to connect to existing. Please clarify the size of this existing sanitary line that we will be tying into. **Assume 6" for now.**
64. Please advise if any walls within the basement are fire rated walls. **All basement walls appear to be concrete or stone. Contractor shall field verify as specified.**
65. During the walkthrough there was mention of an external grease trap. Please confirm a new grease trap for the kitchen is not required under this project. **An external grease trap is not anticipated on this project**
66. Please advise the thickness of the floor systems at the lower level basement level, the basement level, and the first floor throughout the facility. **The contractors shall be responsible for field verification as specified.**
67. If a new grease trap is required, please confirm that the lines to this trap do not need to be heat traced. **See previous answer.**
68. If any heat tracing is required for any grease waste lines, please provide specifications for the system, and advise where power can be pulled from. **See previous answer.**
69. Drawing P1.7, the notes on this page do not include dimensions. Please provide a new drawing with specific dimensions. **This attic space is wide open. Run piping in general area.**
70. Drawing H2.0, and H8.0 denotes a steel separator, please advise where on the layout drawings this will be located. **See H5.1 for location.**
71. Please advise where on the drawings the existing compressors are located, for the pneumatic system. **Between columns C, 5.2 and 6.**
72. Please confirm the bypass and valving station required for every control valve is not incorporated within the base bid. **Where do I show a bypass around a temperature control valve ?**
73. Drawing H5.2, and H8.0; the steam traps ST-D-10, and ST-D-11 are not included under the schedule, but are shown on the layout drawings. Please modify the schedule to include these traps. **Include in bid. Two FT1-15's - 3/4"**
74. Drawing H5.6 and H5.4 show the same label for a steam trap. Please confirm the trap shown on H5.4 located above the kitchen ceiling is an existing trap to remain. If this is in fact a new trap, please provide more information regarding the trap, and modify the schedule. **Existing trap to remain.**
75. Please advise if the piping shown on drawing H5.4 is required to be removed, re-hung, and insulated under the base bid, and not under alternate #3. **Piping work as needed for make-up air work only.**
76. Per specifications section 01500 2.8 & 2.9; with regards to dumpsters in the yard, will the contractor be required to install a chainlink fence to surround the construction dumpster area. **No.**

77. Is the contractor limited by the number of crews / labor force within the building. ***This was discussed at the pre-bid meeting. ACI protocol shall govern as specified. ACI to confirm.***
78. Confirm a guard escort will be provided by the owner despite the quantity of crews included in the project. ***ACI protocol shall govern as specified. ACI to confirm.***
79. With regards to the direct buried pipe please advise if this work can be hand compacted. ***No.***
80. Please advise how large the window well is, to gain access into the basement. Does this window have a security cover over it. ***This was observed during the pre-bid walk-through. The contractors shall be responsible for field verification as specified.***
81. Drawing H7.1 detail 11 shows concrete slab restoration for the direct buried pipe. During the walkthrough the basement had some areas which were simply undisturbed soil, and not concrete. Please confirm that this concrete restoration work is required throughout all of the direct buried installation areas. ***Only direct buried installation areas.***
82. During the prebid walkthrough the owner mentioned they will take the necessary precautions to maintain heat while the system is down and new is being installed. Please confirm that the owner will take all necessary precautions to maintain heat during the heating season. ***System downtime is for tie-ins only and non-heating seasons. Domestic water heating is on 24/7.***
83. Please advise if the owner runs the whole system on the steam service for the entire year. If not, please advise the specific date when the steam system typically gets shut down for the season (i.e. system shut down May 15<sup>th</sup> 2013) and turned back on. ***Figure heating is shut down on May 15<sup>th</sup> and turned back on October 15<sup>th</sup>. Steam for domestic heating is always on.***
84. Please provide more information on the heating system. Does the steam produce heat for the system during the course of the year, or is this only for winter months. Does the steam go through heat exchangers and everything is run off of hot water. ***Steam all year round for domestic, wings are shut down during non-heating season.***
85. Please advise what the load requirements per season for the facility. Will a temporary boiler be required if the heating system is expected to be shut down in the winter months. ***See H0.1 for steam loads.***
86. If a temporary boiler can be utilized, confirm the Owner will pay for the cost of fuel / usage. ***ACI does not want to use a temporary boiler. Contractor has a year to install this system.***
87. Please provide an allowance for the temporary heating of the facility during the winter months as work is not expected to be completed during this time. ***Contractor has a year to install this system. No allowance is being provided.***
88. During the walkthrough it was noticed that some of basement ceilings were arched brick ceilings, and lumber framing systems. Please provide details to fasten hangers into these systems. ***See drawing H7.1.***
89. Specification section 1500 section 1.2.17 calls for contractor to be responsible for temporary light, heat, gas, and sanitary. Please advise what temporary sanitary means, as a large portion of the system is being removed and reinstalled. Please clarify if this means to install two systems, the first to be a temporary system, and the second to be the permanent installed system. ***Temporary utilities not required unless decided by this contractor to parallel an existing system.***
90. If temporary sanitary does not mean two systems installed on this project, please clarify the engineers intent on this. ***Refer to plumbing drawings for "anticipated" sequence of connections. This would apply to the sanitary waste piping as well.***
91. Specification 01500 Facilities and Controls states to remove all debris from job site daily. Please confirm this means remove to dumpsters and that the dumpsters themselves do not have to be removed daily. ***Correct, empty dumpsters as they fill up.***

92. Specification section 01500 section 2.3 calls for the contractor to be responsible for the temporary heat and ventilation of the facility. At the prebid walkthrough the owner stated they will make accommodations for this. Is the contractor responsible for temporary heat and ventilation of the facility during the heating season. If yes, please advise how much heat and ventilation per area is required and at which months does this load change. Please provide specific details at which this work can be completed.

**No temporary heat or ventilation is required**

93 Specification section 15000 section 1.3 A.B.C states the drawings are basically incomplete and the contractor is responsible for making the project complete. Please confirm the contractor is only responsible for what is shown on the drawings. If not, please clarify engineers intent. Please verify if additional work not shown can be addressed as a change order.

**Only responsible for drawings and specs.**

94. At the walkthrough the owner / engineer stated that construction activities need approval before work commencing. Please clarify does it mean weekly or bi-weekly notifications of anticipated work. Also does this mean simply a schedule, a narrative of the work, or actual coordination drawings are expected to depict this work. Please advise the intent of this, as well as the frequency of submission. Weekly notifications with schedule. **Coordination/Pipe fabrication drawings will be required for approval before any installation.**

95. For the previous questions is the contractor anticipated to do a 1 week, 2 week, or 3 week look ahead.  
**1 week look ahead.**

96. With regards to the approval of work activities what is the time frame at which the contractor can expect a turnaround on the approval to commence with work. In other words does a 2 week look ahead turn into a three week look ahead because of 5 days for approval from the engineer of record?

**The weekly notifications are for the ACI to know what is going on before it happens and prepare accordingly. This may change to a 2 to 3 week look ahead once there is a level of comfort with the installation.**

97. Please confirm the contractor is to design all pipe hangers and supports for all new piping, or all new hangers.  
**Yes**

98. Specification section 15090 states the expansion joints need to be designed in conjunction with the hangers. There appeared to be some confusion with this at the prebid. The drawings do not depict any expansion joints or anchors; however, the specifications state this as a requirement. As the design work clearly has been completed for this system, the engineer should be readily available to provide sizes and quantity of expansion joints and anchors required for this system. Please provide updated drawings depicting where the expansion joints and anchors will be located on the drawings.

**Some additional information was provided in the Minutes of Meeting for pricing. Contractor to submit pipe installation drawings showing the exact routing of the piping, with hangers, expansion joints, anchors, etc. for approval. The contractor owns the design of the hangers and expansion joints.**

99. If new drawings cannot be provided regarding the quantity and sizes of expansion joints and anchors, please provide additional information regarding the forces and stresses on the entire system to properly size and install the correct joints and anchors.

**This can only be determined by knowing how the piping will be installed exactly. Which is why the installing contractor needs to design this system.**

0. Please confirm the contractor is not required to paint any new or existing pipe in the facility.  
**Just as needed to differentiate between shedule 40 and 80 as specified.**

101. Specification section 15400 1.3.H refers to water distribution scope of work being required at 10 feet from the water heater. Please confirm this means the contractor is required to modify tie-ins as necessary to the water heater only. Or does this mean all piping within 20 feet radius of the water heater is required to be modified. **See answer from previous contractor questions.**
102. Drawings H3.1 shows a 2" vent lines next to the existing PRV station that denote continuation lines on them, but do not reappear. Please clarify how far do these lines travel? Do they go to the roof?. **No in the room.**
103. Drawings H3.2, on the left side of the drawing, there are high and medium pressure condensate lines that do not depict sizes and travel around the room. Please clarify the correct sizes for these lines. **Figure 2".**
104. Drawing H3.2, as you enter in the space there is a medium pressure condensate line that stops at the stairs. Please provide more information regarding this line. Please clarify if this is where the work on this lines starts? Does this line travels around the room? Does this line change in size? Please update the drawing to depict this properly. **It is dripping the 2" MPS shown on H3.1.**
105. Drawing H3.3 Aquidneck #1 between column lines 1 & 1.1 shows a line going west out of the building. This line does not have a continuation point on it. Please provide more information on this line, how far does it travel, where does it go? **It travels to the Prudence areas.**
106. Drawing H3.3, right hand side of the drawing towards the bottom of the page there are LPS and LPC lines which show continuations on them but do not reappear. Please clarify how far these travel, where do they go. Is it expected that the contractor is to carry these lines under the re-hang / re-pitch notation from a previous question. Please update drawing to clearly show the path of these lines.  
**No, they are underground and serve the admin. Bldg.**
107. Specifications section 15400 page 14 denotes sanitary, waste, hot and cold water tie-ins need to be completed on 2<sup>nd</sup> and 3<sup>rd</sup> shifts. Please clarify how this is expected to be completed when what appears to be the entire sanitary system gets removed and reinstalled.  
**There appears to be adequate space in the basement ceilings to accommodate both the new and existing plumbing systems. Pursuant to the walk-through, the plumbing mains can be run side by side. Refer to plumbing drawings for "anticiaped" sequence of connections. This would apply to the sanitary waste piping as well. Also refer to the specifications for further details.**  
Will the owner take precautions for using other facilities in lieu of the main sanitary system. **ACI to confirm.**  
Will the contractor be expected to install (2) systems in tandem, (1) as a temporary which will be in service until the new (2) system gets installed. At which time the temporary system can be removed.  
**Refer to plumbing drawings for "anticiaped" sequence of connections. This would apply to the sanitary waste piping as well. Also refer to the specifications for further details.**
08. Specification section 15000 section 1.15.B under working hours, calls for the LPS and LPC tie-ins to the building heating system to be on 2<sup>nd</sup> and 3<sup>rd</sup> shift. Please confirm that this LPS and LPC tie-ins refers to all of the radiation tie ins through out the facility, in the following areas: Prudence 1 & 2, Aquid 1 & 2, Segregation, Hope 1 & 2, and the kitchen require 2<sup>nd</sup> or 3<sup>rd</sup> shift work. If not please clarify what specific components of the heating system does this notation refer too. Please be specific with what areas may or may not require 2<sup>nd</sup>, or 3<sup>rd</sup> shift work. **Tie-ins to the HPS, PC entering the building is 2<sup>nd</sup> and 3<sup>rd</sup> shift work. All other tie-ins, with the exception of the MPS domestic water tie-ins should be done during the non-heating season.**
109. With regards to the tie-ins in the following areas: Prudence 1 & 2, Aquid 1 & 2, Segregation, Hope 1 & 2, and the kitchen. What is the security procedure to gain access to each of these areas. Does each area have its own security checkpoint. During the prebid there was some time spent waiting for gates to open, should this be expected in every area, or just the main segregation area. **Delay will be expected for security check in and out every day. See ACI instructions.**