

**RFP VA701-16-R-0006 – COLUMBUS CHP BOILER PLANT TECHNICAL QUESTIONS AND VA RESPONSE TRACKING SHEET**

ITEM NO.	DATE QUESTION RECEIVED	DATE QUESTION ANSWERED	QUESTION	GOVERNMENT RESPONSE
1.	03/30/2016	04/14/2016	Cannot locate specifications on the waste heat boiler regarding desired steam output and engine exhaust composition. Where is this located?	The Heat Recovery Steam Generator (HRSG) is specified in section 482010.2.5. The steam output requirements are located on sheet M-601.
2.	03/30/2016	04/14/2016	On Page 2 of the General Requirements, 1.2 Statement of Bid Items (E) references Item 6. Please explain what this is referring to.	In Specification Section 010000, paragraph (1.2)(E), the text: <i>“Item 6: In lieu of Insulated Metal Wall Panels, provide an EIFS system similar to that indicated on Wall Section B / A-321”</i> is a typo and shall be disregarded.
3.	03/30/2016	04/14/2016	Reference C2.B (page 6) – states we shall submit one (1) DVD disk containing Volumes One (1) and Two. Can we submit a CD in lieu of DVD for this section?	Please submit a CD. Please see the revised document titled “ATTACHMENT 11 - SECTION 00 11 21 RFP SPECIFICATION – Updated 4-14-16”.
4.	03/30/2016	04/14/2016	Reference Volume I Factor 3, Past Performance (page 11 & 12) – the evaluation criteria reference a past performance questionnaire. Is there a standard questionnaire template that shall be utilized to send to our contacts? Shall our contacts send directly back to you, or should they send back to us? What is the due date for the questionnaires?	This reference has been removed. No questionnaire template is required.
5.	03/30/2016	04/14/2016	Reference Factor 1, Construction Experience, Basis of Evaluation (page 11) – there is reference to experience between the offeror and their subcontractors as a basis of evaluation, however, Volume I Factor 2 (Qualifications of Proposed Staff – page 9) states this is where we are supposed to list past performance with proposed subs. Please advise on basis of evaluation for construction experience, and please confirm subcontractors should reside under Factor 2 (not 1).	Yes, subcontractors should reside under Factor 2. Please see the revised document titled “ATTACHMENT 11 - SECTION 00 11 21 RFP SPECIFICATION – Updated 4-14-16”.

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6.	03/30/2016	04/14/2016	Reference Factor 4, Price, Basis of Evaluation (page 12) – the first bullet reference comparison of proposed prices received in response to the RFP. To fully compare prices with each of the offerors shouldn't we provide a divisional breakdown of prices so the government can better evaluate the differences in pricing?	No divisional breakdown of pricing is required.
7.	03/31/2016	04/14/2016	Has a commissioning provider been selected for this project? Is the contractor to provide the commissioning provider in his contract or is the VA providing the commissioning provider under a separate contract?	Yes, a commissioning provider was selected under a separate contract. There is no requirement for the contractor to provide commissioning.
8.	4/1/2016	04/14/2016	What is the footage, gates, and length of rental for the temporary fence on this project?	Refer to sheet C-101 for temporary construction fence location, gates and length. Refer to Specification Section 010000.

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9.	4/1/2016	04/14/2016	Will there be a need for an Interconnection Agreement with the local utility company? If yes, please provide the VA local utility contact person.	<p>Yes, an Interconnect Agreement is required if the CHP Machine is included as part of the project. Refer to Specification Section 010000 for list of Bid Items.</p> <p>Local AEP contact person:  Timothy T. Bray, PE, CEM  Customer Services Engineer  AEP Ohio  850 Tech Center Drive  Gahanna, OH 43230  Phone: (614) 883-7950  Fax: (614) 883-7915  ttbray@aep.com  http://www.aepohio.com</p> <p>Contact information regarding the Interconnect Agreement:  AEP Ohio  Distributed Generation Coordinator  850 Tech Center Drive  Gahanna, OH 43230  Phone: 614-883-6775  Fax: 614-883-7915  E-mail: dgcoordinator-ohio@aep.com</p>
10.	4/1/2016	4/14/2016	Are there any requirements from outside agencies? i.e., Air Quality, Storm Water, and Noise Abatement.	Project must meet the local requirements and of the state of Ohio.

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11.	4/1/2016	04/14/2016	Since the electric utility upgrades will not be identified until the utility electrical system impact reviews are completed, is it acceptable for the contractor to provide an allowance for utility upgrade work?	Do not provide an allowance for the unknown work, if any, associated with the utility System Impact of the proposed CHP Machine. Any electric utility upgrade work associated with the System Impact of the CHP Machine, if any, shall be addressed upon receipt of the Limited Study from the utility.
12.	4/1/2016	04/14/2016	What is make/model of the CHP prime mover contemplated in the specifications?	MTU Onsite Energy is the Basis of Design manufacturer.
13.	4/1/2016	4/14/2016	What are the air permit/quality requirements of the CHP?	Please visit the following: <a href="http://www.epa.ohio.gov/dapc/permits/permits.aspx">www.epa.ohio.gov/dapc/permits/permits.aspx</a>
14.	4/1/2016	4/14/2016	Is post emissions treatment equipment necessary for the CHP? (Attachment 9, Page 482010-17 refers to a SCR & Page 482010-19 refers to a CO oxidation catalyst)	No. Cogeneration engine shall operate as a lean/clean-burn engine meeting EPA emission requirements.
15.	4/1/2016	4/14/2016	Attachment 9, Page CO-482010-19 refers to a section on "Post-Combustion Emissions Control Equipment" which is not included in the specifications released with the RFP. Please Provide.	Not Required
16.	4/1/2016	04/14/2016	Are there any noise requirements for the Boiler/CHP plant?	Yes. These are described in the specifications and OSHA requirements.
17.	4/1/2016	04/14/2016	Does the natural gas supply line from the utility have adequate capacity to support the CHP?	Yes.
18.	4/1/2016	04/14/2016	Are non-electric utility (sewer, water, gas) upgrade costs and applications to be included in our scope?	Yes.
19.	4/1/2016	04/14/2016	Are there specific engine generators we need to choose from?	Refer to Specification Section 482010 for requirements. Possible CHP Machine manufacturers are, including but not limited to: MTU Onsite Energy, Caterpillar and Cummins.
20.	4/1/2016	04/14/2016	Are there any electric and thermal load requirements that we would need to know for the design of this plant (such as if the plant is cycling frequently or needs to be shut off each day)?	Normal business hours of the facility are: Monday-Friday 8:00am to 4:30pm. The plant would not be shut off each day.

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21.	3/31/2016	3/31/2016	Please consider a written request for approval and substitution to supply MBCI products on this project.	This request is rejected due to widths and trim not meeting the specifications contained in the construction documents.
22.	4/6/2016	4/14/2016	Is the current schedule for the construction of this project accurate?	Yes.
23.	4/6/2016	4/14/2016	When will the Expand Specialty Care project be completed? What if the project is delayed?	June 10 <sup>th</sup> . Project is currently on schedule.
24.	4/6/2016	4/14/2016	The specs call for the GC to provide a temporary office for the COR. Is this still necessary?	Yes, a trailer is required for the COR and this is to be provided by the contractor.
25.	4/6/2016	04/14/2016	When will the VA answer the RFIs? After the technical question deadline or as groups of questions come in?	The original intent is to answer on a rolling basis, however that is dependent upon answers provided from the A/E.
26.	4/6/2016	04/14/2016	Why isn't there phasing for the pond portion of the project?	This question is "means and methods". Contractor is required to schedule and perform work as coordinated with the facility and COR.
27.	4/6/2016	4/14/2016	Are there irrigation reports for this project?	Existing information regarding the irrigation system are available upon request from the VA facility. Relevant documents are referenced on sheet L-102.
28.	4/6/2016	04/14/2016	Where will the contractor get temporary power?	Temporary construction power is available from the existing building. Contractor shall coordinate location with Facility and shall verify adequate spare capacity.
29.	4/6/2016	04/14/2016	Where are the utility connections for water, sewer and gas?	These are described on the construction documents. Refer to Civil Drawings.
30.	4/6/2016		Is the Emergency Room 24/7?	Urgent Care Clinic is NOT 24/7
31.	4/6/2016	04/14/2016	How shall the bid guarantee be submitted?	In accordance with the solicitation, the bid guarantee shall be mailed or hand delivered by the proposal due date.
32.	4/6/2016	04/14/2016	Who is responsible for tie-ins? Will the VA provide tie-ins for the construction site?	The contractor is responsible for tie-ins.
33.	4/6/2016	04/14/2016	When can the NTP be issued for award of this project?	Upon award.

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34.	4/6/2016	4/14/2016	When will the site be cleared for this project?	Site should be clear and as of 06/10/2016, the adjacent construction activity will also be cleared.
35.	4/6/2016	4/14/2016	What is the status and schedule for the parking garage project?	Project has not yet been awarded.
36.	4/6/2016	4/14/2016	Please reference M-112 and M-803, please confirm the concrete gas service pad, meter and regulator station and all upstream gas service piping is by the Utility Company (coordinated by the government). We assume all gas piping downstream of the meter and regulator station is by the contractor.	All gas piping described in the project documents are the responsibility of the contractor including coordination with utilities.
37.	4/6/2016	4/14/2016	Please reference the M-800 series one line piping flow diagrams, the majority of the piping shown on these drawings is not sized. Generally these one line flow diagrams supersede anything depicted on the plan view drawings. Will these drawing be re-issued with the pipe sizes shown?	No. All drawings complement one another. The pipes referenced are sized on other sheet such as the plan sheets located in the drawing set.
38.	4/6/2016	04/14/2016	Contractors are requesting additional site visits. Is it possible to visit the project site again?	There is no intent to schedule an additional site visit.
39.	4/6/2016	4/14/2016	There is not a chemical feed pump schedule outlined on the drawings. The chemical feed pumps are outlined in 235011 2.13, will a schedule be added to the plans? Who is responsible for maintaining the chemicals once the boilers are accepted by the government?	Chemical feed pumps schedule should be added if one is not already on the drawings.
40.	4/6/2016	4/14/2016	Please confirm the government will be responsible for filling the new fuel oil tanks.	Yes, with the exception of the initial fuel needed for testing.
41.	4/6/2016	4/14/2016	There is a flash tank detailed on 2/M-503, 3/M-503 and outlined in 235011, but no flash tank is outlined on the equipment schedule or mechanical floor plans – is one required?	Flash tanks are no longer used within the boiler plant.

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42.	4/6/2016	4/14/2016	Drawing M-705 identifies General Boiler Plant Controls including Deaerator Steam Pressure Set Point (a control point); while Drawing M-801 and M-502 identify standard double valve (1/3, 2/3) manually adjusted PRV control valve piping. Please confirm that the DA steam pressure control requirement is via local manual adjustment, and the DA tank steam pressure is to be monitored and not adjusted from the Boiler Plant Controls.	Correct, this is to be monitored only.
43.	4/6/2016	4/14/2016	Drawing M-705 identifies Plant Master Control Panel points for performing lead-lag sequencing of the boilers, although Drawing M-704 identifies the boilers are to be sequenced by the operators, and Section 23 09 11 does not identify boiler sequencing. Veterans Health Administration Directive 2008-062, Attachment A, pp 1.f requires “that no boiler of any size can be restarted remotely.” Remote starting is central to the operation of automatic lead-lag sequencing systems. Please conform or otherwise clarify the requirement status for boiler lead/lag sequencing for this project.	Correct. Within VHA directive 2008-062, the item immediately before (item A.1.e) the item referenced in this comment (item A.1.f) states “ensurance that there is a continuous operator attendance within boiler plants”. An operator will always be in present and never leave the plant unattended at any time. The plant will always be under control of the 24/7 attended boiler operator. In addition, there will always be an override operation for any operator that would like to assume sequencing of the plant.
44.	4/6/2016	4/14/2016	Drawing M-705 identifies Condensate Return Water Flow Meters M-CD1 & M-CD2, while only M-CD1 is identified on Feed Water Drawing M-802. Please confirm the requirement for M-CD2; and its location.	M-CD2 shall be connected to the condensate return water piping within the central plant prior to the condensate surge tank return header.
45.	4/6/2016	4/14/2016	Drawing M-705 identifies Natural Gas Flow Meter M-NG5, which is not identified on natural gas Drawing M-803. Please confirm its requirement and that the maximum flow rating is as stated in Section 48 20 10-12 to be 8730 SCFH.	This natural gas flow meter is required and serves CHP-1. Exact fuel consumption shall be confirmed with the selected CHP manufacturer.

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46.	4/6/2016	4/14/2016	Drawing M-802 identifies three makeup level control valves (CV-1, CV-2, CV-3) and their piping used for level control of the Deaerator Tank – with no valve designated for makeup to the Condensate Surge tank. Specification Section 23 50 11-11, pp 2.1.Q for the DA Tank; and 23 50 11-14, pp 2.2.K for the Condensate Tank identify the use of two valve for each tank (total of four makeup level control valves). Please identify the quantity of make up control valves required; and advise if Dwg M-802 is to be revised.	Three (3). The diagram located on sheet M-802 is correct.
47.	4/6/2016	04/14/2016	M-704 identified that the three roof top mounted combustion air units (HV-1, HV-2 & HV-3) have controllers wired to the boiler plant SCADA computer system; and not the DDC which monitors the rest of the building heating controls. Please identify the control requirement for the steam coils, or should we presume temperature control single-loop modulating signals to the steam control valves?	The purpose of the HV units are to provide tempered combustion air to the boiler room and be connected to the SCADA computer to perform this. Inherently this operation does provide conditioning to the space.
48.	4/6/2016	04/14/2016	Section 23 09 11-30, pp 2.5.2 identifies that the SCADA computer be furnished with a ZIP drive. The requirement for a ZIP drive is for an earlier generation of equipment, and these are no longer manufactured. Please confirm that software and/or data backup and restoring can be performed with current generation drives (CD/DVD/Blue Ray).	The specification for the workstation hardware was provided by the VA. While no longer manufactured, “New” in the box drives were found on amazon for \$49 by 10+ offers. Please include and if approved by the COR a credit can be provided.
49.	4/6/2016	04/14/2016	Section 23 09 11-30, pp 2.5.3 identifies that the SCADA computer have a single 19-inch monitor, while Drawing M-704 shows a total of four monitors split between the SCADA (left most) and DDC (right most) computer systems. Please confirm that a single monitor is to be furnished for the SCADA computer, as specified.	The specification for the workstation hardware was provided by the VA. Provide four (4) monitors.



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50.	4/5/2016	04/14/2016	Section C4 – Technical Requirements – Factor 1 – Self-Performed 15% of Project. Can this also be applied to onsite Superintendent/Project Management time?	No. In accordance with VAAR 852.236-72, Contract work accomplished on the site by laborers, mechanics, and foremen/forewomen on the contractor's payroll and under his/her direct supervision shall be included in establishing the percent of work to be performed by the contractor. Cost of material and equipment installed by such labor may be included. The work by the contractor's executive, supervisory and clerical forces shall be excluded in establishing compliance with the requirements of this clause.
51.	4/7/2016	4/14/2016	Specified NOx limits were not outlined for the fire-tube boilers. Is there no NOx emission guarantee for these boilers?	30 ppm based on NG @ 15% excess air.
52.	4/7/2016	04/14/2016	Are 2 sets of double doors for access on each side acceptable in lieu of removable wall panels? Line A.3	No.
53.	4/7/2016	04/14/2016	Can the enclosure be shipped assembled instead of the enclosure be assembled on site? Line A.4	Could be. This question is “means and methods”. Contractor is required to perform work and coordinate with all other trades.
54.	4/7/2016	04/14/2016	Can the enclosure be larger 90”W x 95” H? In one instance it says consult the CHP manufacturer and the other instance it calls out a specific measurement. Line A.5	The enclosure may be larger than 90”W x95H. The contractor is required to provide all coordination with selected equipment, required service clearances, and other trades.
55.	4/7/2016	4/14/2016	How will the intake and discharge air be handled? Is the intake air brought in from the outside of the building? Is the discharge air vented out of the building? Line D	This is clearly shown on drawings M-101 & M-104. Please view these drawings.

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56.	4/7/2016	4/14/2016	CHP-1 is shown on M-101 below grid B.4 between grid 1-2. Details cannot be found in the drawings or the specifications: a. It appears the flue is connected to CHP-1 and two pipe systems, both supply and return. Please clarify. b. Details are missing regarding any electrical connection to CHP-1 in the electrical drawings. Please clarify. c. Please provide information on size of equipment such as manufacture or horsepower.	a. Refer to drawing M-805 and view the piping diagram for the CHP system for an additional clarification of piping system. b. Refer to sheet E-602. c. Basis of design is for the CHP machine is MTU Onsite Energy. Other manufacturers are acceptable as described in Item No. 19 response. All manufacturers are required to meet the space requirements of this project that include equipment size, service clearance, etc.
57.	4/7/2016	4/14/2016	Roof drawing M-104 in conflict with floor plan on M-101: a. Item 3 on 2/M-101 (between grids 1-2 and B.4-C) shows a 20" flue. The same location at the roof (see item 6 on 1/M-104) shows a 24" flue. Please clarify.	Please refer to Item No. 58
58.	4/7/2016	4/14/2016	At 2/M-101 there is a quantity of three 20" flues (between grids 1-2, just above and below grid C). They are labeled as item 3. a. 1/M-104 at the roof only shows a single 24" flue. Are additional flues required at the roof or do all three 20" flues connect to the single 24" flue?	The size of the boiler flues are determined by the requirements of the boiler and boiler economizer manufacturer to achieve the performance outlined in specification. Depending on manufacturer 20" or 24" can both be applicable. This size shall be based upon the manufacturer bid.
59.	4/7/2016	4/14/2016	Item 15 on 1/M-101 (between grid 1-2 and B-B.4) is shown as 16" flue for a piece of equipment connected to the CHP system. At the roof (see item 5 on 1/M-104) this location is shown as an 18" flue. Please clarify.	The size of the CHP flue is determined by the requirements of the engine and HRSG manufacturer to achieve the performance outlined in specification. Depending on manufacturer 16" or 18" can both be applicable. This size shall be based upon the manufacturer bid.
60.	4/7/2016	4/14/2016	Sheet 1/M-301 shows a 12" steam header going up through the roof. Other drawings do not match these details. Please clarify.	Please refer to Item No. 69
61.	4/7/2016	4/14/2016	Item 8 on 1/M-104 states this pipe is 10". This is a conflict. Should this pipe be 12" or 10"?	Please refer to Item No. 69

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62.	4/11/2016	04/14/2016	<p><i>“Work of a dollar magnitude equal to, or greater than \$10,000,000. If offering subcontracted work as proof of technical construction experience, offerors must submit evidence that supports the magnitude of the work they performed as a subcontractor.”</i></p> <p>Will a Prime Contractor be deemed unacceptable if they cannot show a project of \$10,000,000 or more? If so can this value be reduced? Can a teaming partners experience be considered in order to meet this requirement?</p>	<p>The value has been reduced to \$8,000,000.00. Please see the updated document titled “ATTACHMENT 11 - SECTION 00 11 21 RFP SPECIFICATION – Updated 4-14-16”. Teaming partners’ experience may be considered if the arrangement meets the requirements specified in the solicitation and the FAR.</p>
63.	4/11/2016	04/14/2016	<p>Will overall gross profit on energy projects be allowed as equivalent experience for the contract dollar value as required in Factor 1 – Construction Experience?</p>	<p>No. Profit is not considered self-performed work. In accordance with VAAR 852.236-72, Contract work accomplished on the site by laborers, mechanics, and foremen/forewomen on the contractor's payroll and under his/her direct supervision shall be included in establishing the percent of work to be performed by the contractor. Cost of material and equipment installed by such labor may be included. The work by the contractor's executive, supervisory and clerical forces shall be excluded in establishing compliance with the requirements of this clause.</p>

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64.	4/11/2016	04/14/2016	If overall gross profit on energy projects is not allowed as equivalent experience in Factor 1 – Construction Experience, can Onsite Project Management and Site Supervision be equivalent to the required 15% self-performance requirement?	No. In accordance with VAAR 852.236-72, Contract work accomplished on the site by laborers, mechanics, and foremen/forewomen on the contractor's payroll and under his/her direct supervision shall be included in establishing the percent of work to be performed by the contractor. Cost of material and equipment installed by such labor may be included. The work by the contractor's executive, supervisory and clerical forces shall be excluded in establishing compliance with the requirements of this clause.
65.	4/11/2016	04/14/2016	Drawing M-002 refers to “infectious control requirements” of the Chalmers P. Wylie ACC ICRA Group that must be followed – Can we get a copy of these requirements (written document).	This document can be provided upon request to the facility.
66.	4/11/2016	4/14/2016	Drawing M-101 shows a FCS-1 (Fuel Oil Conditioning System?) and a WT-1, neither of these are shown on the equipment schedules (M-601, 602 & 603), please provide more information regarding these items.	FCS-1 is fully specified in specification section 231000.2.8. WT-1 is fully specified under specification section 226719.16.2.4.
67.	4/11/2016	04/14/2016	Drawing M-101, Detail #4, Note #4 shows a 4” PC line up, where is the continuation of this pipe / where does it go?	The pumped condensate is returned to the condensate surge tank as described on sheet M-802. Shown as condensate “from distribution systems”
68.	4/11/2016	04/14/2016	Drawing M-101, Detail #2 shows an 8” HPS line from the Steam Header near column lines C-1, but Drawing M-121 shows a 10” HPS underground to the existing ACC building, which size is correct?	Both. The horizontal underground pipe is 10” and transitions to 8” in the vertical at both ends. A detail showing how the transition happens is shown on sheet M-121.

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69.	4/11/2016	4/14/2016	Drawing M-104, Note #8 indicates a 10" Steam Vent pipe, but Drawing M-301 shows a 12" pipe in Detail #1, which size is correct?	The size of the steam vent is determined by the steam vent silencer manufacturer's requirements to achieve the performance outlined in specification section 230511.2.11. Depending on manufacturer 10" or 12" can both be applicable.
70.	4/11/2016	4/14/2016	Drawing M-111, Details #1 Ground Level HVAC Piping Plan – North Boiler Room, Note #1 states to "connect feedwater piping to HRSG" and the plan views show FWS & FWR lines at the HRSG. Normally there isn't a FWR line from the HRSG – is this something special OR is it not required?	This is no longer required. The additional recirculation orifices have been removed from the design.
71.	4/11/2016	4/14/2016	Drawing M-503, Details #2 & #3 show Flash Tank Details and the Specification 235011 calls for them, while Drawings M-601 thru M-603 (Equipment Schedules) and the Piping Diagram Drawings M-801 thru M-805 do not show any, are they required and if so, where do they belong?	Flash tanks are no longer used within the boiler plant.
72.	4/11/2016	4/14/2016	Drawing M-501, Detail #7 Pump Connection has butterfly or ball valves noted, while Drawings M-802 & M-805 show gate valves, as well as other differences from the Pump Details shown on Drawings M-802 & M-805, which details do we use?	Detail #7 on sheet M-501 does not pertain to any pumps shown on sheet M-802 as this is a floor mounted pump. All pumps (condensate transfer and feedwater) are equipment mounted. Detail #7 does describe pumps shown on sheet M-805. These pumps (P-1, P-2, P-3 as scheduled). The valve symbol on this sheet is described on sheet M-001 as gate or "Generic Valve".

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73.	4/11/2016	4/14/2016	Drawing M-508, Detail #4 Oil Pump Set shows a different piping detail than what is shown on Drawing M-804, which one do we use?	The Bolded Note in the upper right corner on sheet M-508 reads, “This sheet describes safety devices only. Refer to details, diagrams, and specifications for piping requirements.” The M-508 sheet was added to the drawing set to reiterate the VA requirements of the “VHA Boiler Plant Safety Device Testing Manual (3 <sup>rd</sup> Edition).”
74.	4/11/2016	4/14/2016	Drawing M-805 shows a metered makeup water pipe to the HRSG, where is the supply/tie-in point and what size is the pipe?	Sheet M-111 shows the routing of the feedwater connection to the HRSG. Note #1 on this sheet reads, “Connect feedwater piping to HRSG.” This connection is also shown diagrammatically on sheet M-802 and reads “Connection to CHP Heat Recovery Steam Generator.” Sizing is also shown on this sheet. (Sheet M-111)
75.	4/11/2016	4/14/2016	Drawing M-805 shows a ¾” chemical feeder pipe to the HRSG, where is the supply/tie-in point for this line?	Drawing M-111 shows and notes chemical feeder #4 (CF-4). Note #11 reads “Provide stainless steel chemical feed piping to HRSG”. Chemical Feeder is specified in spec section 230511.
76.	4/11/2016	4/14/2016	Drawing E-402, Detail #1 Enlarged Build Specialty Care Center Addition shows Electrical Work in this building; however, Drawing C-004 states that this addition isn’t scheduled to Start until Sept 2017. Based on the current RFP schedule, the work on the CHP will be done by then – how are we to handle this work?	“Build Specialty Care” project is currently under construction as observed at the pre-bid meeting walk-thru. Coordinate all current and future site construction schedules/requirements with the VA.

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77.	4/11/2016	4/14/2016	Drawing E-601, Note #4, and E-101 & E-102 for Site/Location Reference will require a power outage to complete the ductbank/conduit installation and pulled & terminating the new cable. Will the facility need to have “full” power supplied to it during this period OR can the existing Diesel Generator be capable of providing the necessary/adequate power during the outage? Is there an anticipated “allowed” duration of the outage that the VA Hospital is expecting OR wants the work to be completed in?	Refer to General Note #12 on sheet E-001. Shut-downs to occur on weekends or off-hours. “Full” power to the facility is not required during shut-downs. Emergency power systems must be maintained at all times for the existing facility per General Note #43 on sheet E-001.
78.	4/11/2016	4/14/2016	Drawings M-701 thru M-706 Control Diagrams show the control schemes, but there are no Electrical Drawings showing the wiring requirements – are this available?	Correct, “M” drawings do not show electrical scope. Power requirements for control panels are shown on power plans “E” drawings. Low voltage control wiring is as required for functionality of system.
79.	4/13/2016	04/14/2016	Would the VA be willing to consider postponing the Proposal due date by one month due to the following reasons: lack of detail in drawings; due to large volume of RFI questions.	At this time, no extension will be considered.
80.	4/13/2016	4/14/2016	Further, it is clear that there are some missing details on the project drawings (CHP Portion). What responsibility will the bidders have to provide for any missing elements from a documentation standpoint?	Bidders shall bid a complete and functional system. No missing details have been identified in this question.
81.	4/13/2016	4/14/2016	The project specifications indicate the commissioning is to be provided by an independent 3rd party commissioning agent hired by the VA. Is there a need for a Commissioning Specialist relating to contractor’s responsibilities? Or is the project commissioning authority to be hired by the prime contractor?	Commissioning has already been retained as a separate contract.
82.	4/13/2016	04/14/2016	Who is the VA preferred Security Contractor?	There is no preference other than the contractor being qualified to perform the necessary work.

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83.	4/13/2016	4/14/2016	Please clarify the scope of work for deleting the CHP in Bid Item 2.	Scope of work regarding Bid Item 2 is clearly defined on the drawings. Please Refer to the Drawings.
84.	4/14/2016	4/14/2016	Refer to spec section 232111 page 25, paragraph 2.26. Please confirm the general contractor and/or the mechanical contractor is responsible for the design, analysis, calculations, and engineering of pipe supports? Refer to spec section 232111 page 12, paragraph 2.15. There are several different “type numbers” for each valve type i.e. gates, balls, butterflys etc. Gate valves for instance have 5 different types, 101 thru 105. The type numbers do not appear on the plans or flow diagrams. How are we to know which is the correct type numbers to include?	Confirmed. “Provide an engineered piping support system with all hangers, supports and anchors designed and located by experienced technical pipe support specialists, utilizing piping system design and analysis software. The system design must be completely documented and submitted for review. The valve type numbers are further described in section 2.15.C thru 2.15.S. Please continue reading specification section.
85.	4/14/2016	4/14/2016	There is very little of the steam condensate piping shown on the M drawings, both plans and flow diagrams. Please advise how we are to proceed.	Per sheet M-101 General Note “Condensate return piping from steam traps within the central plant shall be routed back to the condensate surge tank header.” M-801 shows trap locations and sheet M-802 shows the return location at the condensate surge header.



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86.	4/14/2016	4/19/2016	Refer to drawing M-123. There is a note on this drawing about coordinating the work to not void the roof warranty. Please provide the name of the roofing contractor that holds the warranty.	<p>Specification section 07531 PVC Sheet Roofing</p> <p>The roofing manufacturer is:</p> <p>J.P. Stevens Roofing Systems</p> <p>Nine Sullivan Road,</p> <p>Holyoke, MA 01040-2800</p> <p>Phone: 800-621-ROOF</p> <p>Fax: 413-552-1010</p> <p><a href="http://www.stevensroofing.com">www.stevensroofing.com</a></p> <p>Installer:</p> <p>Cuddy Roofing</p> <p>22 Rutgers Road Suite 22</p> <p>Pittsburgh, PA 15205</p>
87.	4/14/2016	4/21/2016	On Sheet S-601, the dimensions listed in the Pile Cap Schedule conflict with those shown on the Pile Cap Details. Please clarify which dimensions are correct.	<p>Detail dimensions are correct. Reinforcing shall be as follows:</p> <p>PC-1: (5) #8 T&amp;B LW, (9) #8 T&amp;B SW</p> <p>PC-1A: (7) #8 T&amp;B LW, (9) #8 T&amp;B SW</p> <p>PC-2: (5) #8 T&amp;B @ 10" OC in each of 3 bands</p> <p>PC-3: (13) #8 T&amp;B EW</p>
88.	4/14/2016	4/14/2016	The Irrigation Plan on Sheet L-102 references Drawings GC16.1-GC16.6 and Irrigation Specifications for Project Number 757-001. Please provide the documents referenced, or specify all requirements for any relocation of existing irrigation system components.	<p>These existing documents are available upon request from the VA facility.</p>

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89.	4/4/2016	4/7/2016	<p>Substitution Request for Alternate Approval of MEL-ROL and AIR-SHIELD LMP</p> <p><b>Specification Title:</b> Rolled, Self-Adhering Waterproofing Membrane  <b>Section:</b> 071326  <b>Page:</b> 3  <b>Section:</b> 2.2  <b>Specification Title:</b> Liquid Membrane Vapor Permeable Air Barrier  <b>Section:</b> 072726  <b>Specified Products:</b> Jiffy Seal 140/60, Protecto Wrap Company. <b>Approved Substitution:</b> MEL-ROL, W.R. Meadows, Inc.  <b>Specified Products:</b> Unspecified. <b>Approved Substitution:</b> AIR-SHIELD LMP, W.R. Meadows</p>	Substitution Approved. Make submittals in accordance with Specification Section 01 25 00 Substitution Procedures.
90.	04/14/2016	4/21/2016	<p>Please give verifications for the following items pertaining The Chain Link Fence Specification and Sheet L-502 that are in disagreement:</p> <p>-The specs says to use bottom rail and tension wire yet the plans show just tension wire.</p> <p>-The specs says to use middle rail yet the plans does not show a middle rail, only brace rails at end posts.</p>	Just a tension wire is acceptable.
91.	4/15/2016	4/21/2016	<p>Please advise if the project has extra load tests, tension or lateral? If so, what would the capacities be for those? The specs for the piles (316316 part 1.8 section D 4A) state testing is in accordance with all three types of loads.</p>	The project has a minimum of 2 pile load tests per the geotech report. The axial load capacity of the piles is 100 kips per dwg. S-121. Piles shall be installed tested for axial capacity to 2 times this load per ASTM D 1143. Tension (pullout) and lateral tests are not required.

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92.	4/15/2016	4/21/2016	<p>Attached specs, section “PART 2 – PRODUCTS....D. AC INPUT” on page 2 of the document shows line items 4-8, then 4 again and then numbers 4-13 are repeated two more times on the pages 3-4. So pages 2-4 really need reviewed to determine what each line item pertains to, to help us determine what to bid. Can you please review or have this reviewed and provide an updated specification?</p> <p>It looks like maybe something between page 2 and 4 was removed but the underlying items remained. Not sure what each line item pertains to, would like clarification before submitting our bid.</p>	<p>Please see the revised document titled: “SECTION 263353 - STATIC UNINTERRUPTIBLE POWER SUPPLY - Updated 04-20-2016”.</p>
93.	4/19/2016	4/21/2016	<p>The RFI response to the NOx questions was “30 ppm corrected to 15% stack oxygen.” Boilers in the United States are corrected to 3% stack oxygen (the difference is huge). 30 ppm at 15% O2 means an ultra-low NOx burner – which I doubt the VA wants. Can you please confirm?</p>	<p>The Item No. referenced is #51 and reads “30 ppm based on NG @ 15% excess <u>AIR</u>.” Air is not oxygen. 15% excess air is 3% oxygen. A description of excess air/oxygen can be found at the following department of energy website.</p> <p><a href="https://www1.eere.energy.gov/manufacturing/tech_assistance/pdfs/steam4_boiler_efficiency.pdf">https://www1.eere.energy.gov/manufacturing/tech_assistance/pdfs/steam4_boiler_efficiency.pdf</a></p> <p>15% excess air (3% oxygen) is Confirmed.</p>

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94.	4/19/2016	4/21/2016	<p>Thank you for the answers to our questions that you provided in amendment number 2.</p> <p>I am aware that we are already past the cut off for questions, however I just wanted to comment on your answer to item number 38 regarding additional site visit requests. There is a significant amount of steam and condensate piping that runs across an existing roof area that we did not see on the walk thru. Being new to this project at the time of the walk thru, no one, including me, asked to see it.</p> <p>Any possibility of seeing this work area before this project bids?</p>	Unfortunately, a second site visit will not be scheduled.
95.	4/19/2016	4/20/2016	Can you please provide any specific requirements for submitting as a Joint Venture for this Bid?	<p>If submitting an offer as a joint venture as defined by P.L. 109-461 AND Department of Veterans Affairs I.L. 049-06-4, <a href="http://www.vetbiz.gov/library/jtventure.pdf">http://www.vetbiz.gov/library/jtventure.pdf</a>, an offeror must provide a copy of the joint venture agreement specific to the project that is consistent with the percentage of required work and net proceed. Additionally, the offeror must provide a breakdown or labor of which is to be performed by the SDVOSB firm and that which is performed by the small business joint venture firm and that which is sub-contracted. All Joint Ventures will be required to be registered and verified as an entity in VETBIZ.</p>
96.	4/20/2016	4/20/2016	We would like to request a 1 week extension to the bid date? We are getting requests from our subs for an extension as well as needing some extra time ourselves to prepare the most competitive proposal possible.	Amendment A00003 extends the due date of proposals to May 04, 2016 at 2:00 PM ET.

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97.	4/20/2016	4/21/2016	Please provide the Infectious Disease Control Requirements as indicated is available in the response to question #65.	See attachment - ENG SOP 21_Construction and Renovation_PCRA_ICRA_ILSM_Procedures.
98.	4/20/2016		Did the VA intent to include Specification Section 01 35 26 VA Safety Specifications, as part of the Specs? Most VA projects have this requirement and we wanted to clarify.	
99.	4/22/2016	4/27/2016	Due to the difficulty of paring a gas engine in island mode with a diesel, can the CHP system be manually switched for island mode and run parallel with the existing diesel generator? The existing diesel generator would then pickup a majority of the load in case of utility outage with the CHP warming up and accepting base load in island mode leaving the diesel to handle peaks. As utility returns, CHP shuts down and existing diesel soft loads to utility, CHP powers back up once utility has full load.	Yes, it can be manually switched.
100.	4/22/2016	4/27/2016	Please provide Specification Section 261313 (Medium Voltage Breakers). It is referenced in a secondary unit substation second (261116) but it is not included and does not appear in the table of contents.	Please see the revised documents titled: "000001 - TABLE OF CONTENTS - Updated 04-26-2016" and "SECTION 261313 MEDIUM-VOLTAGE CIRCUIT BREAKER SWITCHGEAR - Updated 04-26-2016".
101.	4/14/2016	4/25/2016	<p>My research indicates that you are involved with the VA Ambulatory Care Center Chp Boiler Plant, Columbus, OH and that you have chosen to use insulated metal panels (IMP's). AWIP's Flat FL40 wall panel is similar to Centria's Forma wall Dimension Series.</p> <p>There are differences between panel providers and we would like the VA to consider All Weather Insulated Panels being authorized as an approved manufacturer for this project.</p>	The VA has reviewed this substitution request and rejects it.

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102.	4/27/2016	4/28/2016	I am trying to determine if this project is subject to state sales tax or if it will be tax exempt?	The contractor is to provide all pricing to include all applicable taxes. Please refer to FAR Clause (By Reference) 52.229-3 “Federal, State and Local Taxes.”

