

Project Name: VAMC Perry Point CLC Construction Project
Project No. 512-173

RFI NO.	DATE RECEIVED	SPEC SECTION	DRAWING#	DESCRIPTION	AMENDMENT/ POST DATE	COMMENTS
040	13-Sep-18	26 32 13 sect 2.1.C.3-4	EPL101	Please clarify the generator size. Drawing EPL101 shows 2500kW. Generator specification 26 32 13 section 2.1.C.3-4 states 2500kVA at 0.8pf (meaning a 2000kW generator). The transformer on connected to the generator on EPL101 is also 2500kVA or 2000kW at 0.8pF. Is this a 2000kW or 2500kW generator?	Amend0006/Oct 1, 2018	2500 kW emergency generator shall be provided.
041	13-Sep-18	263213 Sect 1.1B		Specification 26 32 13, Section 1.1.B states new generator features, such as pitch, must match existing generators in Chiller Plant building 321. Can you provide the critical information about the existing generators that must be matched?	Amend0006/Oct 1, 2018	This information is not available at this time for existing generators at Chiller Plant. Information will be made available by VA personal from record files or from research with generator manufacturer by the contractor.
043	13-Sep-18		ES101, EP400	Drawing ES101 Part Site Plan - Electrical Demolition and New Work. Please provide a detail for the concrete bases and grounding that are required for the Type "AK" bollards (Concrete Pole Base Detail is shown on Drawing EP400, but this detail is not applicable to bollards).	Amend0006/Oct 1, 2018	Please coordinate concrete bases for Type "AK" bollard with lighting fixture to be provided under shop drawings. Grounding is not required.

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044	13-Sep-18	260541	ES101, ES102, ES103	Section 260541 Underground Electrical Construction 3.1 D. calls for a sump pump, 120V circuit and GFI receptacle to be furnished and installed in each electrical manhole. The conduits and conductors are to be extended to each manhole from the nearest electrical panelboard. Drawings ES101 Part Site Plan - Electrical Demolition, ES102 Part Site Plan Electrical - New Work and ES103 Part Site Plan Electrical - New Work indicate the requirement for (38) +/- new electrical manholes. Questions as follows: a.) Please provide specifications including manufacturer, model number, control requirements, etc. for the sump pumps that are to be provided in each of the (38) +/- new manholes. b.) Please provide circuiting requirements for each of the (38) +/- manhole sump pumps required in each of the new electric manholes (Panel ID, location, breaker numbers, wire sizes, etc.).	Amend0006/Oct 1, 2018	Sump pump is not required.
045	13-Sep-18		ES101, ES102, ES103	Drawings ES101 Part Site Plan - Electrical Demolition and New Work, ES102 Part Site Plan Electrical - New Work and ES103 Part Site Plan Electrical - New Work indicate (13) +/- existing manholes that are to remain. Is any work required to be performed in any/all of these existing manholes that are to remain? Please advise.	Amend0006/Oct 1, 2018	Provide additional opening in knock out area for additional conduits where indicated on the drawings.
046	13-Sep-18		ES101	Drawing ES101 Part Site Plan - Electrical Demolition and New Work, Drawing Note 10 calls for removal of the medium voltage cable and ductbank between existing manholes 45 and 48. Please advise the size and quantities of conduits and conductors that are to be removed and verify that they are concrete encased.	Amend0006/Oct 1, 2018	The existing medium voltage cable 3-1/C # 4/0 15 kV + 1 # 4 GRD incased in concrete.

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047	13-Sep-18		ES101	Drawing ES101 Part Site Plan - Electrical Demolition and New Work, Drawing Note 8 calls for removal of the medium voltage cables only from the existing cutout switch and selector switch to Building 311. Additionally, Drawing Note 18 calls for installation of new medium voltage cables to match existing again from the existing cutout switch and selector switch to Building 311. Please advise the size and quantity of medium voltage cables that are to be removed and replaced from the existing cutout switch and selector switch to Building 311.	Amend0006/Oct 1, 2018	The new medium voltage cable shall be 3-1/C # 4/0 15 kV + 1 # 4 GRD.
048	13-Sep-18		ES101	Drawing ES101 Part Site Plan - Electrical Demolition and New Work, just northeast of existing Manhole #30 to remain is Drawing Note 15. Please verify that the location of this particular Drawing Note 15 should not be there.	Amend0006/Oct 1, 2018	Drawing Note 15 is not applicable for this area. Ignore it.
055	13-Sep-18		MS107	Drawing Note 1 on Drawing MS107: Is the Building 9H Steam Bypass work part of this project, existing or by others?	Amend0006/Oct 1, 2018	The demolition and new work associated with the new steam bypass around Building 9H as indicated on the MS series of drawings is part of the contractor's scope of work.

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056	13-Sep-18		MS109	Drawing Section 7/MS109 indicates a waterstop cast into the shallow trench steam and condensate piping system, requiring that the trench be cast-in-place concrete and not precast concrete. Please confirm.	Amend0006/Oct 1, 2018	The majority of the trench construction at Perry Point has, to date, consisted of cast in place concrete, and the design for expansion joints anticipated that this would continue to be the case. However, nothing in the design is intended to restrict the use of precast concrete trench sections. Should the Contractor elect to use precast sections and considers that the design for the expansion joints poses a difficulty in assembly, the Engineer would readily approve a modified design submitted by the Contractor provided the modification satisfied the requirements for a watertight joint that maintains trench alignment. To ensure acceptance the Contractor is free to submit a detailed drawing of a proposed joint before bidding.
59	13-Sep-18		PL205-A1, PL401-A1	Drawing PL205-A1 Drawing Note 4 states 3/4" oxygen down to Lower Level Mall. Drawing PL401-A1 Plumbing Equipment Schedule states that the oxygen manifold for House F is to be located at the Loading Dock. Please provide a to-scale drawing(s) showing the location of the oxygen manifold for House F and the pipe routing from the referenced manifold to House F Drawing PL401-A1. Also, please show power requirements for the oxygen manifold.	Amend0006/Oct 1, 2018	Refer to drawing PS001-A1 for oxygen manifold system location. The ¾" oxygen pipe shall drop down to the Lower Level Mall and extend to the Loading Dock through the Receiving/Loading building. The power requirements shall be 120v/1ph/60hz.

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060	13-Sep-18		PL206-A1	Drawing PL206-A1 does not show the requirement for medical air compressor AIR-F1 air intake piping. Please provide a to-scale drawing(s) showing the size, routing and termination location for the air compressor intake piping.	Amend0006/Oct 1, 2018	
061	13-Sep-18		PL401-A1	Drawing PL401-A1, Detail 7 Oxygen Manifold Detail shows the requirement for a 3/4" relief vent from the manifold and terminating through the roof. Please provide a to-scale drawing(s) showing the routing and termination location of this relief vent.	Amend0006/Oct 1, 2018	The ¾" relief vent pipe shall extend up and shall be provided with a gooseneck with insect screen.
062	13-Sep-18		PL202-A2	Drawing PL202-A2, Drawing Note 8 states 1-1/2" oxygen down to bulk oxygen system, refer to detail. Please provide a detail for the bulk oxygen system serving the Houses under Add Alternate #2. Also, provide to-scale drawing(s) showing the location for the bulk oxygen system, pipe routing and specifications for the required bulk oxygen equipment.	Amend0006/Oct 1, 2018	Refer to PS001-A2 for the bulk oxygen system location and pipe sizes. Contractor shall contact the VA's oxygen supplier, Marc Quilling at Airliquide 414-698-7162, for specifications.
063	13-Sep-18	22 63 00		Section 226300, Gas Systems for Laboratory and Healthcare Facilities 1.1 B. describes what must be the bulk oxygen system required to serve the Houses under Add Alternate No. 2. Please provide manufacturer(s) model number(s), etc. required for all required components of the bulk oxygen system. Also, provide drawings, details, specifications, etc. for all power, signal, alarm and control wiring requirements.	Amend0006/Oct 1, 2018	Refer to drawing PL002-A2 for bulk oxygen storage detail and contact the VA's oxygen supplier, Marc Quilling at Airliquide 414-698-7162, for additional details, electrical requirements, specification, etc.

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064	13-Sep-18		PL203-A2	Drawing PL203-A2, please provide a to-scale drawing(s) showing the pipe sizing, routing and termination locations for vacuum pump VAC-L1 relief piping and air compressor AIR-L1 air intake piping.	Amend0006/Oct 1, 2018	Medical vacuum system relief pipe shall be 3" and discharge through exterior west wall (locate over flat roof), provide gooseneck and insect screen. The Medical air sysem intake pipe shall be 2 1/2" diameter, extend intake pipe up through the roof, provide gooseneck and insect screen.
065	13-Sep-18		PL204-A2	Drawing PL204-A2, please provide a to-scale drawing(s) showing the pipe sizing, routing and termination locations for vacuum pump VAC-J1 relief piping and air compressor AIR-J1 air intake piping.	Amend0006/Oct 1, 2018	Medical vacuum system relief pipe shall be 3" and discharge through exterior west wall (locate over flat roof), provide gooseneck and insect screen. The Medical air system intake pipe shall be 2 1/2" diameter, extend intake pipe up through the roof, provide gooseneck and insect screen.
066	13-Sep-18		PL401-A1 Alternate #2	For Alternate #2, medical gases for House F, Drawing PL401-A1 was provided in the set indicating piping diagrams and details for the air compressor, vacuum pump, zone valve box and oxygen manifold requirements (Details 4, 5, 6, and 7). Also shown on the same drawing is a Plumbing Equipment Schedule providing additional information regarding the medical air, vacuum and oxygen source equipment required for House F. Please provide a similar drawing for the Add Alternate #2 medical gas requirements.	Amend0006/Oct 1, 2018	Refer to drawing PL002-A2 'Plumbing details & Schedules – Alternate #2'

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067	13-Sep-18		Alternates #1 & #2	Please provide a schematic wiring diagram for the medical air, vacuum and oxygen area alarm wiring requirements for Alternates #1 and #2, including conduit types and sizes, wire types and sizes, etc.	Amend0006/Oct 1, 2018	For wiring requirements, refer to division 26 specifications.
068	13-Sep-18	22 63 00, 22 62 00	Alternates #1 & #2	Please verify if a Master Medical Gas Alarm Panel(s) is required to monitor the medical air, vacuum and oxygen source equipment serving the Houses under Add Alternates #1 and #2. If such a panel(s) is required, please provide specifications and location(s) for the panel(s) along with detailed wiring requirements, including routing, conduit types and sizes, wire types and sizes, etc. (Master Alarm functions is mentioned in Section 226300 2.8, C. for medical oxygen and air gas systems. There is no mention of master or area alarm requirements in Section 226200 for the medical vacuum system).	Amend0006/Oct 1, 2018	The master alarm panels are required. The master alarm panels shall be located in the MEP building, refer to PS001-A1 & PS001-A2 for the locations.
069	13-Sep-18	22 62 00, 22 63 00, 23 09 23		Sections 226200, 1.2 J. and 226300, 1.2 K. for Lab and Health Care Facilities medical vacuum, oxygen and air systems mentions Section 230923 DDC for HVAC alarm interface with the Engineer Control Center (ECC). If medical gas systems area alarm panels, source equipment, and/or Master Alarm Panel(s) are to interface with or report to the HVAC DDC System, please provide sequences of operations and other details of such requirements for bidding purposes.	Amend0006/Oct 1, 2018	The BAS shall monitor status and alarms from each piece of plumbing equipment. If a status point is not available from the control panel a current sensor shall be used to detect status (refer to Notes 7 and 8 of the ATC General Notes on Sheet MH402). If a control interface is available then the alarm should reflect the output from the control interface. Where no interface is available a single digital input indicating alarm shall be provided.

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075	18-Sep-18	09 06 00 Section 2.2B	AS417	Specification 09 06 00, Section 2.2B - 12 32 00, Plastic Laminate Surfaces indicate that vertical surfaces in all break rooms, copy rooms, mountain, coastal, and lakeside scheme houses to be plastic laminate. The elevations indicate that the surfaces are 12 36 00 solid surface counter tops (For example copy room on 11/AS417 indicates 12 36 00A.2 solid surface counter top and the schedule of finishes calls for plastic laminate counter tops). Please clarify what finishes the countertops are to be.	Amend0006/Oct 1, 2018	Vertical Surfaces shall be P-Lam in break rooms, copy rooms and as noted in 090600. Countertops (horizontal surfaces) in break rooms and copy rooms shall be Plastic Laminate as noted in the specification. Countertops in the houses to be Solid Surface with the exception of Med Storage Rooms, which shall be P-Lam.
076	18-Sep-18	AS408, AS410, AS411, AS412	09 06 00 Section 2.2B	Drawing Elevations 2/AS408, 7/AS410, 3/AS411, 15/AS412 appear to indicate what would typically be frame & wood panel wood door cabinets. These elevations do not contain any section details which would typically indicate any type of material or details. Please clarify if cabinets will be wood frame and panel or flat panel plastic laminate in accordance with Specification 09 06 00, Section 2.2B - 12 32 00, Plastic Laminate Surfaces.	Amend0006/Oct 1, 2018	All house kitchens and home offices are to have wood cabinets (2/AS408, 7/AS410, 3/AS411). All other spaces within the houses shall have PLAM flush overlay cabinets (15/AS412).
078	19-Sep-18	27 52 23		The specification calls for a Novus nurse call system manufactured by West Call. The Justification for other than Full and Open Competition states that the nurse call must match the existing system on site, and that the manufacturer is not known at this time. Please clarify what we are to include for nurse call	Amend0006/Oct 1, 2018	Electrical 27 52 23 Novus nurse call system manufactured by West Call shall be used for CLC project. Sole source.

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080	19-Sep-18	26 32 13		The specification for the generator states to match the pitch and other features of two existing 4160V generators at the Chiller Plant, for future paralleling. Please provide the manufacturer and model number for the existing generators	Amend0006/Oct 1, 2018	Electrical 26 32 13 Manufacturer for two existing 4160V generators is Koehler. Model number is not available at this time. Information will be made available by VA personal from record files or research with generator manufacturer by the contractor.
081	19-Sep-18	26 32 13		There is a deductive alternate to provide a 480V generator in lieu of a 4160V generator. Can we assume that the 480V generator will not require provisions for future paralleling with the existing 4160V generators?	Amend0006/Oct 1, 2018	Electrical 26 32 13 Your assumption is correct.

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089	28-Sep-18	01 00 00 General Requirements 1.6 Operations and Storage		1.6 OPERATIONS AND STORAGE AREAS PARAGRAPH C	Amend0006/Oct 1, 2018	Replaced with the following: 1.6 OPERATIONS AND STORAGE AREAS C. The Contractor shall, under regulations prescribed by the Contracting Officer, use only established roadways, or use temporary roadways constructed by the Contractor when and as authorized by the Contracting Officer. As such, all truck deliveries for this project must come through the VA Truck Entrance (VAMC 'back' gate). Gate is maned from 7AM to 5PM. Truck deliveries must follow the posted signage on I-95 and US-40, labeled "Veterans Admin. Truck Entrance." Access to the VAMC Truck Entrance is attained from US-40, from Coudon Blvd., MD-327 and the Marion Tapp Parkway; any other access through the residential streets of Perryville is prohibited. NOTE: All deliveries must adhere to the posted bridge rating on the Marion Tapp Parkway. The max. load limit for the existing bridge is Single Unit GVW = 54,000lbs. and Combination GVW = 70,000lbs. When materials are transported in prosecuting the work, vehicles shall not be loaded beyond the loading capacity recommended by the manufacturer of the vehicle or prescribed by any Federal, State, or local law or regulation.
241				Request a visit to your facility and take a look at the 5kV Outdoor sv	Amend0006/Oct 1, 2018	Point of Contact for visit: Adam.Letke@va.gov, 410-642-2411 x2929,