

Question #	Question	Government Response
1	Regarding drawing E1.3 (page 5 of 9) "MV-NSWGR Layout" As long as all internal clearances as required by code & spec are maintained, will an enclosure with a smaller overall dimension be acceptable ?	The layout for MV-NSWGR building shown is by CAT-ISO, the basis of design. The actual installed building and switchgear may vary slightly in dimension, depending upon manufacturer. Code required clearances shall be maintained.
2	Will city inspections (Dublin) be required for this work?	No.
3	What is the model number of existing generator controller on the Kohler generator?	See nameplate data for the existing Kohler generator presented on sheet E1.2. The listed accessories indicate the existing controller is a DEC550.
4	Generator standard VA specification 26 32 13 2.4 D. Lists filters shall remove particles as small as three microns. There is a high risk of removing the oil additive package by filtering at 3 Microns. Is 3 Microns a correct number?	Filters shall not remove the additives in the oil, as stated in the referenced paragraph. Filters shall be as close as possible to 3 microns and shall not remove the additives.
5	Note 9 on E2.1 states to coordinate the installation at the substation with Georgia Power. Please provide the contact information for the person within Georgia Power that is responsible for this area.	Georgia Power contact is Cassandra Cox, 960 Key Street Macon, GA 31204 5810, 478-784-5808, cccox@southernco.com.
6	Note 5 on E3.2 states to connect to the existing ATS's inhibit transfer function. During the walkthrough it was stated that some of the existing ATS's may not have this function but will be added under other projects in the future. Please confirm that under this project we are to assume that this functionality exists or will be added by others under separate contract.	The inhibit function of all existing ATSs either exists now or will be added by the Owner. Adding the inhibit function to existing ATSs is NOT in this Contract.
7	The documents do not address the fuel piping that will be required between the new above ground fuel tank and the new generator. Please provide schematics or state that this scope is design build and under which codes/regulations the design to comply with	Addressed in Addendum #1.
8	Can exothermic welding of the 2/0 ground ring be substituted with irreversible crimp method?	Grounding connections below grade and in inaccessible locations shall be exothermic per Section 26 05 26, para. 2.4.A.
9	Can we get pictures of the inside of manholes MH-1A, MH-2A, and MH-5A?	Photos of MH-1A, MH-2A, and MH-5A are not available.
10	Will there be Davis Bacon wage requirements and reporting?	Yes.
11	Regarding 26 13 13 2.1.A.1 -The section states the switchgear shall be "Weatherproof, outdoor type". Does this mean the switchgear line-up itself needs to be weatherproof (NEMA 3R) even though it is installed inside the weather proof walk in enclosure ?	The switchgear housed inside the weatherproof building is NEMA 1.
12	Are there any drawings showing the tunnel system for the routing of conduit (s) to the existing ATS's?	Tunnel is a straight path from Building 26 into Building 2 and is of concrete construction.
13	Does the Government want the demoed/Removed Medium voltage switchgear? If the Government wants the Medium Voltage Switchgear will the Government Supply the Transportation for Removal?	No. Demolished switchgear shall be removed from the site by the Contractor. See Section 01 00 00, paras. 1.1.A, 1.7.A.1, and 1.7.A.2.
14	Will it be required to provide Temporary power for the required tie to existing medium voltage cables?	Temporary power is not required. Existing MV distribution is loop type. Coordinate with COR/ VA electrical staff for system switching.
15	Can the superintendent, SSHO, and QC manager be the same person?	Yes, provided all safety requirements and quality control is being properly met. COR reserves the right to require a separate SSHO or QC manager, should there be a significant number of safety write ups or should quality control begin to slip.

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16	Drawing E1.3 – New MV-NSWGR New Building; please provide details on this new building (type of building; types of walls, floor, roof, ceiling, number and size of doors, size and rebar info for footings and foundations).	New switchgear building/enclosure shall be provided by switchgear manufacturer, factory assembled complete with switchgear. Unit shall be designed and constructed with an integral structural framed grid base constructed of rolled steel members and steel floor, designed for 250 psf floor loading, and allowing the unit to be lifted, transported, and set on the support foundation with the interior equipment installed. Structural steel frame shall be tube steel 6"x3"x3/8" minimum. Exterior wall panels, roof panels, ceiling panels, and Interior wall panels shall be 16 GA G-90 galv.anized steel. Insulation - Exterior wall and ceiling: R-13, floor: R-6 per inch. Two personnel doors: One 3070 and one 4080, 16GA galv. steel, 90-min fire rating, 6.54 R-value with closer and panic hardware. Equipment doors: Insulated 12 GA galv.anized steel with full gasketing, drip shield, hold open device and padlocking handle. Paint: ANSI 61 Gray. Provide complete with life safety lighting, receptacles, breaker test station, station batteries and charger, and HVAC system for 10-95oF ambient / 60-80oF interior. Wind load: 100mph. Slab for MV-NSWGR shall be per Generator Pad Detail. Sheet E1.2. Slab shall extend 6"
17	Is there any other building besides the one mentioned above?	No.
18	Specifications page 01.45.29.10 Masonry – Where is masonry on this project?	Cited Section 01.45.29 is not included in this project. Masonry is not included in the project.
19	Specifications page 01.45.29-14 Testing – Please list all testing required for this project?	Cited Section 01.45.29 is not included in this project. Testing is listed throughout the technical sections.
20	Storm sewer; existing 6" storm under proposed pad. Will it be completely removed for the new pad, if so how many feet?	See Demolition Note 1, Sheet C1.1.
21	How is the 6" schedule 80 PVC supposed to tie to the new 18" RCP?	See New Work Note #7. There are four options available for Contractor to address this question: 1) With a factory 18"X6" tee on main storm sewer line with 6" stub being a gasketed fitting accepting PVC pipe O.D. 2) Run the 6" PVC line all the way paralleling proposed 18" pipe to drop inlet box (ID3) and connect to proposed structure for positive drainage as suggested in New Work Note 7. 3) It is possible that the 6" line is a non-functioning line. If so, Contractor is to investigate in the presence of the COR and not install the 6" line at all, if non-functioning. 4) Install all corrugated HDPE storm pipe with smooth interior wall. (Manning's "n" factor of 0.012 or better) for both 18" and 6" pipe, utilizing factory fittings and flared end section connections. NOTE: Relocated 36" storm sewer shall be RCP.
22	Detail on the 18" flared end section shows a steel rod. Is this a safety grate?	Safety grate not required.
23	What is the standard on the drop inlet grates?	30" X 30" with a minimum of 300 sq. in. open area.
24	What are the dimensions of the concrete pad for the generator and what is the pad over hang?	The actual pad dimensions may vary to accommodate actual manufacturer's equipment. Maintain 36" minimum from edge of generator and fuel tank. Before beginning work, Contractor shall submit pad shop drawings showing coordination of all equipment on pad.
25	Do we dispose of the MV switch gear and MV-ATS?	Yes.
26	Are there any fence and gate on this project?	There is no permanent fencing/gates in the project. Provide temporary fencing, barricades, etc. per Section 02 41 00.

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27	What is the size and materials for generator enclosure?	The generator enclosure dimensions will vary per manufacturer. Dimensions shown are basis of design. Materials are per manufacturer's standard in compliance with Section 26 32 13.
28	Drawing E3.1 note 15 calls for an inhibit signal. Can we get a list of the transfer switches shown on E3.2 with model and serial numbers? What is the sequence of operation for the inhibit signal or the intent of the inhibit operation. i.e. inhibit transfer from normal source to emergency source? Inhibit transfer from emergency to normal?	ATS model and serial numbers are not readily available. This contract includes routing two control conductors to each switch and terminating them. Drawing E3.2 (referenced by the cited note) shows a list of existing ATSs to be inhibited from return to utility when either or both generators G1 and G2 are online, supplying power the site. This is to keep the ATSs powered by their local low-voltage generators when the MV system is supplied by G1 and/or G2. When the utility (GPC) returns, G1 and G2 will go offline, removing the inhibit from the ATSs and allowing them to return to normal (GPC) power.
29	26 32 13 Engine Generator, 3.2 F.5 specifications call for a resistive 5kv load bank, 3.2 K.1.e specifications call for recording reactive power. Please advise if we are to provide a resistive or a reactive load bank for testing	Load bank to be resistive type.
30	3.2 K.4 Specifications call for generators to be operated in parallel with Utility, however section 26 23 13 does not mention this option.	Sequence of Operation shall be per Section 26 23 13 Generator Paralleling Controls for transferring back to utility. The parallel operation described in 26 32 13 3.2.K.4 is for testing purposes only.
31	Please confirm if the generators are to be operated in parallel with utility and to what capacity? i.e. soft load transfer, extended paralleling with utility without export.	The generators will be operated in parallel with the utility only as described in Section 26 23 13. They will not export power to the utility.
32	Does the Contractor furnish 10,000 gallons of fuel for the fuel tank.	Yes.
33	After testing of generator is complete is the fuel tank required to be refilled gallons.	Yes, see Section 26 32 13, para. 3.2.L.
34	Can we use three different qualified electrical companies in our technical as we don't know pricing and we have options.	Please submit your technical proposal as you plan to execute the contract.
35	Is this project sales tax exempt? If the project is sales tax exempt can the government provide a sales tax exemption certificate?	No. Prime contractors and subcontractors shall not normally be designated as agents of the Government for the purpose of claiming immunity from State or local sales or use taxes. Please reference FAR 29.302
36	Will the Government provide comprehensive written badging requirements for the project if badging is required?	Badging is required for all contractors on site. COR will provide forms required at Pre-Construction meeting. All contractors are required to be fingerprinted and have a background check run by VA. VA Personnel Security Specialist will determine whether or not contractors are adjudicated for issuance of a badge, based on the results of the background check
37	Where will the designated parking area be for workers accessing the construction site?	Designated contractor parking will be in the contractor's laydown yard or in any available parking spot not otherwise designated for patients.
38	Will the government accept the use of the industry leading Procore Project Management software as the primary submittal and data tracking tool for this project? The software is compatible with the VA's networks and is currently in use at many VA locations.	Use of Procore for submittal tracking is acceptable.
39	Who is responsible for the utility locations?	The Contractor is responsible for locating all existing utilities per General Note 6, Sheet E1.2. This shall include civil utilities, also.
40	What systems is the new generator with the tank connect to. What company or servicer will the GC need to coordinate with to add the new Generator system to the existing system?	The site does not have an existing campus-wide leak detection system. The leak detection system shall be as specified.
41	Please confirm if G.C. will divert and make storm sewer lines functional per Demolition Note #1?	Yes, confirmed. Also, see response to Question 21.

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42	Question – Spec section 260541 (3.3) Notes 4 and 5 require that conduit stub-ups and elbows to equipment inside buildings or on outdoor pads shall be galvanized rigid half-lap wrapped in PVC tape. It further states that the GRC conduit shall be extended 5ft outside bldg foundation or beyond edge of slab. Because of the close proximity of eqmt in the yard, this means that most of the underground ductbanks will be galvanized rigid conduit encased in concrete with rebar (very expensive and adds no value). Please confirm that this is the intent of the gov't, or state that all UG encased ductbanks can comply with the details on E1.2 as encased EB duct from end to end regardless of the specifications above.	The documents will stand as written.