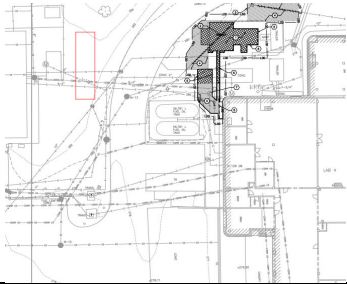


RFI	QUESTION	RESPONDENT	RESPONSE
1	Section 263213.13, 1.5 B. and 2.2 A. specifies IBC seismic performance of generator. Confirm is this required or can it be excluded?	SI	Confirmed. Please provide seismic requirements as specified.
	Section 263213.13, 2.4 H. 4. Specifies engine starting batteries shall be Nickel Cadmium type. Please confirm if required or will standard lead acid batteries with rack be acceptable?	SI	Lead acid batteries is acceptable, but enclosure of generator needs to be coordinated with manufacturer/vendor to ensure proper ventilation for lead acid batteries.
	Section 263213.13, 2.9 A. specifies permanent outdoor load bank that is resistive but also says at 80 percent power factor lagging which would be a resistive/reactive load bank. Confirm 1 MW pad mounted load bank should be resistive only (1.0 unity power factor)?	AECOM	AECOM takes no exception to utilizing a 1MW pad mounted resistive only load bank.
	Section 263213.13, 2.5 please clarify hours of runtime for the UL142 generator sub-base tank for generator? 2 hours? 4 hours?	AECOM	AECOM recommends a 4 hour runtime for the generator sub base tank as fuel will be re-filled from the nearby underground fuel storage tank.
	Also, confirm is this generator sub-base tank being fed from a larger underground, main fuel storage tank?	SI	Confirmed. Please reference Narrative Section V. Mechanical C. New Mechanical Systems.
	Drawing E601 shows the 2000A breaker at the generator feeding a "roof mounted load bank." However, a 1 MW load bank is too large and heavy to roof mount on the generator enclosure. Please clarify the new 1 MW resistive load bank can be freestanding and mounted on pad next to generator enclosure as shown on Drawing C102 note #9?	AECOM	The load bank can be ground mounted, but all equipment and utilities (underground and above ground) shall be coordinated with each other to ensure everything fits in the allocated space.
	Are the 4 generator access platforms required to be supplied by the generator vendor or by the architectural division?	SI	Please clarify pre-bid question. Per Section 055119, contractor shall provide shop drawings and product data meeting provided requirements, and the A501 provides diagramic drawings. Section 055119 identifies the submittal and performance requirements and the contractor identifies which subcontractor performs the work.
	Drawing E601 notes a 3200amp breaker on the generator, feeding the 3200amp MTS/Quick connect. We need to provide a 4000amp frame breaker, or we can provide a 3000amp breaker. We output 3,007amps on this 2000kw genset. Is a 3000amp breaker acceptable, or do we need the 3200amp trip?	AECOM	Provide a 4000A frame breaker with a 3200A trip.
	Can generator access platforms be constructed of aluminum vs hot dipped galvanized steel? Aluminum is more common, readily available, and better priced.	SI	Aluminum access platforms may be used. Provide necessary details to avoid galvanic action.
2	Please indicate a location for the temporary generator to be placed.	SI	Placing temporary generator on the OPL lawn across the street, with protected power cables, is acceptable location. 
3	Division 010000 section 22 requires the contractor to obtain and pay for all applicable permits. Please confirm all permits that are applicable, and provide an allowance for all bidders to carry to obtain these applicable permits. Please also confirm if the sediment and erosion are control permit from MDE has been applied for and already obtained.	SI	Paragraph 22.5 requires the Contractor to "prepare and submit MDE Form 42 – "Air Quality Permit to Construct & Registration Application for Emergency Generator" to the Maryland Department of the Environment. Form 42 is included at the of this section for reference. Paragraph 27.3 also requires the Contractor "to prepare an Erosion and Sedimentation Control (ESC) Plan conforming to the erosion and sedimentation requirements of the most recent version of the EPA Construction General Permit OR local erosion and sedimentation control standards and codes, whichever is more stringent, and shall submit the Plan to the COTR prior to the start of construction for approval." The ESC permit has not been submitted nor approved
4	Riser on drawing E601 shows installing a new 1600/400 amp breaker in SWGR H. Please provide manufacture and model number of the Switchgear. Also please confirm if the cubicle is built out and ready to accept the breaker.	AECOM	The existing switchgear is an Eaton Cutler Hammer switchgear (G.O. No. 4135505131; mfr. 5/12/2010). The cubicle is a space and has bus behind it ready to accept a drawout circuit breaker.