

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT		BPA NO.		1. CONTRACT ID CODE		PAGE 1		OF PAGES 12	
2. AMENDMENT/MODIFICATION NUMBER A00003		3. EFFECTIVE DATE 04-18-2017		4. REQUISITION/PURCHASE REQ. NUMBER		5. PROJECT NUMBER (if applicable) 675-12-101			
6. ISSUED BY Department of Veterans Affairs Network Contracting Office 8 (NCO 8) for Orlando VA 8875 Hidden River Pkwy Suite 525 Tampa FL 33637		CODE 36C673		7. ADMINISTERED BY (If other than Item 6) Department of Veterans Affairs Network Contracting Office 8 (NCO 8) for Orlando VA 8875 Hidden River Pkwy Tampa FL 33637		CODE 36C673			
8. NAME AND ADDRESS OF CONTRACTOR (Number, street, county, State and ZIP Code) To all Offerors/Bidders				(X)		9A. AMENDMENT OF SOLICITATION NUMBER VA248-17-R-0063			
						9B. DATED (SEE ITEM 11) X 03-16-2017			
						10A. MODIFICATION OF CONTRACT/ORDER NUMBER			
						10B. DATED (SEE ITEM 13)			
CODE		FACILITY CODE							
11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS									
<input checked="" type="checkbox"/> The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers <input type="checkbox"/> is extended, <input checked="" type="checkbox"/> is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or electronic communication which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by letter or electronic communication, provided each letter or electronic communication makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.									
12. ACCOUNTING AND APPROPRIATION DATA (If required)									
13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.									
CHECK ONE	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.								
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).								
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:								
	D. OTHER (Specify type of modification and authority)								
E. IMPORTANT: Contractor <input type="checkbox"/> is not, <input checked="" type="checkbox"/> is required to sign this document and return <u>1</u> copies to the issuing office.									
14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.) The purpose of this amendment is to incorporate VA's responses to Request For Information (RFI) Set #2 See Continuation Pages									
Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.									
15A. NAME AND TITLE OF SIGNER (Type or print)				16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Tiffany Garfield NCO815L2-71061					
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)		15C. DATE SIGNED		16B. UNITED STATES OF AMERICA BY (Signature of Contracting Officer)			16C. DATE SIGNED		
PREVIOUS EDITION NOT USABLE									
STANDARD FORM 30 (REV. 11/2016) Prescribed by GSA - FAR (48 CFR) 53.243									

VA248-17-R-0063

4-18-2017

**Install Standby Generator
VA Medical Center Orlando, Lake Nona
Request For Information (RFI) Set #2**

1. According to the drawings E-601, the contractor is responsible for running new feeders from the new ATS's in the F wing to existing panels. Drawing E-401 shows the electrical rooms in the F wing but does not show the locations of those 3 panels. Where are the GDH11, GEDH11-EQ, GEDH11-CR panels located?

Response: Panelboards 'GDH11', 'GDH11-EQ', and 'GDH11-CR' are located in the electrical room adjacent to the main electrical room in which the new automatic transfer switches are located. Contractor shall verify exact location of all affected new and existing electrical equipment.

2. According to drawing ES-101, the contractor is responsible for running new feeders and installing new breakers for the two mini power centers in the new buildings. Drawing ES-101 shows the home runs go to an existing panel (CBDP) but the drawings do not give any information on this panel. Can you provide additional information so we may get the correct breakers for this panel?

Response: Panelboard 'CBDP' is located in Electrical Room D602. Most equipment in this room is Square D. Contractor shall verify exact panelboard catalog number and type.

3. What type of breaker is required on the switchgear? The documents show a UL1558 drawout breaker or a UL891 fixed mounted breaker.

Response: all switchgear circuit breakers shall be draw-out type per specification section 26 23 00 2.4A and spec section 26 2.1 K.3.

- a) If parallel gear is inside an enclosure is front access only required?

Response: Rear access is required as shown on Enlarged Switchgear Enclosure Plan D2 on Drawing E501.

- b) Can the paralleling switchgear enclosure be a drop over enclosure?

Response: Enclosure shall be a factory assembled, integral assembly per specification 26 23 00 2.1 A.

4. According to the Specifications and drawings, there appear to be no specifications on wind requirements for the generator and switchgear enclosures. Are there any required specifications?

Response: Generator enclosure shall be wind-driven rain and impact-rated. Add the following to specification section 26 32 13 2.15.E:

“8. Provide 150 MPH wind-driven rain and wind-driven missile impact protection suitable for hurricane-prone regions.”

5. According to the Specifications and drawings, the generators are shown in the same enclosure. Is it possible to have them in separate enclosures? This would greatly reduce shipping costs and placement costs.

Response: Generator enclosure is designed to fit within the available space. Two separate enclosures may be used, but the total dimensions on the enclosures including working spaces and a minimum clearance between the enclosures of 4'-0" must not exceed the dimensions shown on Enlarged Generator Enclosure Plan D5 on Drawing E501.

6. What is required, UL1558 drawout breaker OR UL891 Fixed mounted breaker on the generator paralleling switchgear?

Response: All switchgear circuit breakers shall be draw-out type per specification section 26 23 00 2.4A and spec section 26 2.1 K.3.

7. If paralleling gear is inside and enclosure is front access only required?

Response: Rear access is required as shown on Enlarged Switchgear Enclosure Plan D2 on Drawing E501.

8. Can the Paralleling switchgear enclosure be a drop over enclosure?

Response: Enclosure shall be a factory assembled, integral assembly per specification 26 23 00 2.1 A.

9. Is there any wind or impact requirements for the generator/gear enclosures?

Response: Generator and paralleling switchgear enclosures shall be wind-driven rain and impact-rated. Wind and rain resistance is specified in specification section 26 23 00 2.2.B.7. Add the following to specification section 26 32 13 2.15.E:

“8. Provide 150 MPH wind-driven rain and wind-driven missile impact protection suitable for hurricane-prone regions.”

10. Can the generators be in two separate enclosures? This would greatly reduce the freight charges.

Response: Generator enclosure is designed to fit within the available space. Two separate enclosures may be used, but the total dimensions on the enclosures including working spaces and a minimum clearance between the enclosures of 4'-0" must not exceed the dimensions shown on Enlarged Generator Enclosure Plan D5 on Drawing E501.

11. Who is responsible, after testing, of the first fill on the new generator diesel tanks?

Response: At the completion of the field tests, fuel tanks shall be filled per specification section 26 32 13 3.2.N.

12. Does the VA expect us to provide temporary generator power during any of the outages necessary to install the new ATS switches?

Response: All shutdowns must be scheduled and completed during off-work hours, including weekends.

13. Who provides the final coordination study for the facility once the new generators are operational?

Response: Overcurrent Protective Device Coordination Study is a part of the contract and is indicated in specification section 26 05 73.

14. Who will make the breaker adjustments to all the existing equipment once the coordination study is performed?

Response: Overcurrent Protective Device Coordination Study is a part of the contract and is indicated in specification section 26 05 73. Paragraph 1.8.A. requires the Contractor to arrange for an authorized representative of the equipment manufacturer to make device coordination settings in accordance with the study.

15. Could we get a suggested routing of the emergency feeder between EMDP-B and ATS LS if Alternate #4 is exercised? Can it be routed through the building?
This is a long and complicated conduit run not shown on the plans.

Response: New feeder to ATS-LS may be run inside (concealed in finished spaces) or outside (underground) at the contractor's option in coordination with the COR.

16. Should the same duct bank and conduit routing be used to feed ATS LS with generator power for options #2 and #3? The emergency power circuit to ATS LS on page ES101, says "for Alt #3 ONLY" but does not show conduit routes or details for alternate #2. Basically we need to know the conduit routing details between the paralleling gear and ATS LS for alternate #2.

Response: Under Alternate No. 2, ATS-LS shall be served from new generator paralleling switchgear. Base Bid Ductbank C-C shall be installed if Alternate No. 2 is selected to allow for additional F-Wing automatic transfer switches to be installed in the future. Only conductors serving ATS-LS shall be installed under Alternate No. 2.

17. Is it the intent that any of the individual ATS can start the generators? If so, where are the details of the start wires in the duct banks/conduits runs and is there a control wiring plan?

Response: Undervoltage in one or more phases of the normal source of any automatic transfer switch shall start all generators. Specification Section 26 36 23 2.1.A.13.k and 26 36 23 2.1.A.13.l requires engine starting and shutdown contacts in each automatic transfer switch. Section 26 36 23 2.2 specifies this sequence of operation. Control wiring from automatic transfer switches to generator paralleling switchgear (Base Bid, Alternate No. 2) or generators (Alternate No. 3 and No. 4) shall be run in new ductbanks. Individual control wires shall be run from each automatic transfer switch. Control wires shall not be shared among transfer switches.

18. Note 3 on sheet E601 shows that we need to replace the feeders to panels GDH11, GEDH11-EQ, and GEDH11-CR but their location is not shown on the site plans, can we get their location?

Response: Panelboards 'GDH11', 'GDH11-EQ', and 'GDH11-CR' are located in the electrical room adjacent to the main electrical room in which the new automatic transfer switches are located. Contractor shall verify exact location of all affected new and existing electrical equipment.

19. Reference Specification section 26 23 13 Generator Paralleling Controls, Page 3, Part 2 Products, Paragraph 2.1D, which calls for 20" diagonal touchscreen panel. Question: The master control touchscreen is 12" diagonal instead of 20", is this acceptable?

Response: Master control and display panel shall be 20" diagonal touchscreen panel as specified in Section 26 23 13 2.1.D.

20. Reference Specification section 26 23 13 Generator Paralleling Controls, Page 3, Part 2 Products, Paragraph 2.1D, which states, "The generator paralleling control logic and master control and display panel shall be such that the master controls will continue to function in the event of a master control and display panel failure." Clarification: Master controls will not continue to function in the event of a master control failure. However, they will still function in the event of a display failure, please concur this is acceptable.

Response: Section 26 23 13 2.1.D. specifically refers to the master control and display panel. This is the touchscreen display only. The intent is for the system to continue to perform all required functions in the event of a display failure.

21. Reference Specification section 26 23 13 Generator Paralleling Controls, Page 4, Part 2 Products, Paragraph 2.1D.1, which states, "The master control and display panel shall use color graphics to indicate the following status information:" Paragraph 2.1D.1.a. which states: "Status of utility-source and generator-source circuit breaker, including protective relays if applicable in single-line drawing view." Question: Utility source monitoring is displayed as part of the automatic transfer switch graphic, but is not trended by the master control display, please confirm if this is acceptable.

Response: Section 26 23 13 2.1.D.1 intends for the single line view to indicate utility source availability on each automatic transfer switch (both new and existing transfer switches) graphic only.

22. Reference Specification section 26 23 13 Generator Paralleling Controls, Page 4, Part 2 Products, Paragraph 2.1D.1.c., which states, "Status of each engine generator, including start, run, stop, off, automatic operation, manual operation, speed in rotations per minute (RPM), oil pressure, coolant temperature, hours of operation, voltage, kilowatts, kilovars, current, percent of total capacity." Question: Engine RPM, oil pressure, coolant temperature and hours of operation are all displayed at the local engine generator control panel, therefore not on the master control display panel, please confirm this is acceptable.

Response: Section 26 23 13 2.1.D.1.c. requires that the generator page on the master control and display panel shall display all indicated functions, including engine RPM, oil pressure, coolant temperature and hours of operation.

23. Reference Specification section 26 36 23 Automatic Transfer Switches, ATS needs to comply with UL 1008 7th edition in order to be properly coordinated. Could you please confirm since it is not listed on the spec?

Response: Compliance with UL 1008 7th Edition is required.

24. Reference Specification section 26 36 23 Automatic Transfer Switches, Page 4, Part 2 Products, Paragraph 2.1.1, which states, "Automatic transfer switches shall be closed transition switches.....". Question: If closed transition is required, an interconnect agreement needs to be filed by the owner with the utility company and special protection circuit will need to be added to the ATSs and upstream CBs. Please confirm if Closed Transition is required?

Response: Change Specification Section 26 36 23 2.1.A.1. From:

"Automatic transfer switches shall be closed transition switches, 4-pole, draw-out construction, electrically operated, mechanically held open type, without integral overcurrent protection."

To

"Automatic transfer switches shall be open transition switches, 4-pole, draw-out construction, electrically operated, mechanically held open type, without integral overcurrent protection."

25. Will the Upstream CBs (both Normal and Emergency) be provided with a Short-Time response? If so, what is the Short-Time time and the amp value? Note: Available Short-Time times are 0.13, 0.2, 0.3 and 0.5 seconds. Per UL 1008 7th Edition, the Short-Time response on the CB needs to be coordinated with the Short-Time rating of the ATS. Short-Time Rated ATS might require rear access.

Response: New emergency circuit breakers are adjustable trip low voltage power circuit breakers as specified in specification section 26 23 00 2.4. Circuit breaker settings will be

determined by Overcurrent Protective Device Coordination Study. Normal circuit breakers are existing. Each proposed new automatic transfer switch will be required to comply with UL 1008 7th Edition by utilizing these circuit breakers. Rear access is not available for the new automatic transfer switches.

26. Is the ATS housing to be 316 stainless steel?

Response: ATS-CH only shall be furnished in weatherproof, NEMA 4, Type 316 stainless steel enclosure

27. Specification 01 00 00 states Testing Laboratory Services shall be retained by the VA, but 01 45 29 states the Contractor shall retain. Please clarify.

Response: All Testing Laboratory Services shall be retained by and paid for by The Contractor. Change Specification section 01 00 00 1.1 D. from

"Before placement and installation of work subject to tests by testing laboratory retained by Department of Veterans Affairs. . . ."

To

"Before placement and installation of work subject to tests by testing laboratory retained by the Contractor. . . ."

28. Please confirm the alternates are not cumulative from 1 to 4, but that they are independent pricing alternates to be deducted from the Base Bid.

Response: All alternates are deductive from the Base Bid. Alternate No. 1 can be taken with any other alternate. Alternate No. 2 can be taken with Alternate No. 1 only. Alternate No. 3 and Alternate No. 4 cannot be taken together or with Alternate No. 2, but can be taken with Alternate No. 1.

29. What is required, UL1558 draw out breaker OR UL891 Fixed mounted breaker on the generator paralleling switchgear?

Response: all switchgear circuit breakers shall be draw-out type per specification section 26 23 00 2.4A and spec section 26 2.1 K.3.

30. If paralleling gear is inside and enclosure is front access only required?

Response: Rear access is required as shown on Enlarged Switchgear Enclosure Plan D2 on Drawing E501.

31. Can the Paralleling switchgear enclosure be a drop over enclosure?

Response: Enclosure shall be a factory assembled, integral assembly per specification 26 23 00 2.1 A.

32. Are there any wind or impact requirements for the generator/gear enclosures?

Response: Generator and paralleling switchgear enclosures shall be wind-driven rain and impact-rated. Wind and rain resistance is specified in specification section 26 23 00 2.2.B.7. Add the following to specification section 26 32 13 2.15.E:

"8. Provide 150 MPH wind-driven rain and wind-driven missile impact protection suitable for hurricane-prone regions."

33. Can the generators be in two separate enclosures?

Response: Generator enclosure is designed to fit within the available space. Two separate enclosures may be used, but the total dimensions on the enclosures including working spaces and a minimum clearance between the enclosures of 4'-0" must not exceed the dimensions shown on Enlarged Generator Enclosure Plan D5 on Drawing E501.

34. Drawing ES101 /Detail C5- Duct Bank from Extg. MDP-I (Chiller Yard) to New ATS- CH is indicated to be Type "BB" 6-Way, Feeder on Electrical One Line Indicates Schedule #8 (7) Sets (4) 500KCMIL & (1) 350KCMIL in 4"C- Please clarify Duct Bank for that installation. This also pertains to feeder from ATS-CH to Existing Junction Box.

Response: Normal service entrance conductors from existing junction box to ATS-CH shall be run in Ductbank C-C.

35. Is Duct Bank required from Paralleling Switchgear to Gen Sets? Please advise re: type.

Response: A Ductbank A-A shall be run from each generator to paralleling switchgear.

36. Drawing E401/Detail F6- New ATS's CRF,EQF & NF do not seem to be labeled correctly - please clarify.

Response: On Enlarged Electrical Room F-Wing Plan F6, change New 'ATS-CR' to New 'ATS-CRF', change New 'ATS-EQ' to New 'ATS-EQF', change New 'ATS-G' to New 'ATS-NF'.

37. On page 7 of the solicitation, Section II, Item B. Price Proposal provides formatting for Tab A – General Information only. Section II, Item B does not mention the Price Offer Schedule, on page 12 of the solicitation. Please clarify the appropriate location to include the Price Offer Schedule.

Response: Please insert the Price Offer Schedule with your Price Proposal mentioned on page 7 of the solicitation, Section II, Item B

38. 26 05 73 - Who is providing the Coordination study per the specification

Response: *Overcurrent Protective Device Coordination Study is a part of the contract and is indicated in specification section 26 05 73. Paragraph 1.8.A. requires the Contractor to arrange for an authorized representative of the equipment manufacturer to make device coordination settings in accordance with the study.*

39. 26 23 00 calls for 30-cycle UL 1558 Power Circuit Breaker SWGR ahead of the ATS's, but there is no guidance in 26 36 23 on ATS withstand ratings.

Will Instantaneous trip breakers be allowed ahead of the ATS to allow for standard 3-cycle ATS?

Response: *New emergency circuit breakers are adjustable trip low voltage power circuit breakers as specified in specification section 26 23 00 2.4. Circuit breaker settings will be determined by Overcurrent Protective Device Coordination Study. Normal circuit breakers are existing. Each proposed new automatic transfer switch will be required to comply with UL 1008 7th Edition by utilizing these circuit breakers.*

40. 26 36 23 - 1.1 calls for Open Transition ATS

26 36 23 - 2.1.A.1 - Can you confirm the closed transition feature in section 2.1 A 1 is required, it calls for Closed-Transition ATS.

Also bypass isolation is required in 2.1 A 3, except for the ATS serving the normal power system. we don't know what ATS that is, I assume ATS-NF, but can you confirm which ATS's should be bypass Isolation and which should not?

Response: *ATS-NORMAL is not bypass-isolation type. All other transfer switches are bypass-isolation type. Change Specification Section 26 36 23 2.1.A.1. From:*

"Automatic transfer switches shall be closed transition switches, 4-pole, draw-out construction, electrically operated, mechanically held open type, without integral overcurrent protection."

To

"Automatic transfer switches shall be open transition switches, 4-pole, draw-out construction, electrically operated, mechanically held open type, without integral overcurrent protection."

41. Will Power Circuit Breaker Style ATS be allowed for the 2000A Service Entrance ATS-CH?

Response: *Service Entrance Rated ATS with integral 2000A Main Circuit Breaker is acceptable*

42. The one line shows 8 distribution breakers but E401 has a gear schedule that includes (2) additional 800 AF "space only". it's unclear if they are needed and/or if they should be cradles so that breakers can be entered at a later date. Please confirm what the intentions are.

Response: *"Space Only" indicates cradles only with all control wiring and provisions for future circuit breakers.*

43. 26 32 13 - 18 2.15 - Is the Generator enclosure to be Impact Rated as the Switchgear Enclosure is.

Response: Generator enclosure shall be wind-driven rain and impact-rated. Add the following to specification section 26 32 13 2.15.E:

“8. Provide 150 MPH wind-driven rain and wind-driven missile impact protection suitable for hurricane-prone regions.”

Number	File	Paragraph	Page (s)	Clarification(CL)/Deviation(D)/Exception Notes
44	Spec	2.1 D	3	<ul style="list-style-type: none">Master control touchscreen is 12” diagonal instead of 20”. Response: Master control and display panel shall be 20” diagonal touchscreen panel as specified in Section 26 23 13 2.1.D.Master controls will not continue to function in the event of a master control failure. However, they will still function in the event of a display failure. Response: Section 26 23 13 2.1.D. specifically refers to the master control and display panel. This is the touchscreen display only. The intent is for the system to continue to perform all required functions in the event of a display failure.
45	Spec	2.1 D.1.a, 2.a & b	4	Utility source monitoring is displayed as part of the automatic transfer switch graphic, but is not trended by the master control display. Response: Section 26 23 13 2.1.D.1 intends for the single line view to indicate utility source availability on each automatic transfer switch (both new and existing transfer switches) graphic only.
46	Spec	2.1 D.1.c	4	Engine RPM, oil pressure, coolant temperature and hours of operation are all displayed at the local engine generator control panel, therefore not on the master control display panel. Response: Section 26 23 13 2.1.D.1.c. requires that the generator page on the master control and display panel shall display all indicated functions, including engine RPM, oil pressure, coolant temperature and hours of operation.
47	Spec	2.1 G & J	5	All necessary fiber optic, copper media, control wiring and raceways are furnished by the installing contractor. Response: All wiring and raceways required are

				<i>included in the contract.</i>
48	Spec	2.1 L	6	<p>A UPS is not provided for the PLCs as a station battery in addition to the generator set batteries provide DC power.</p> <p><i>Response: PLC's will be powered from the station batteries.</i></p>
49	Spec			<p>ATS needs to comply with UL 1008 7th edition in order to be properly coordinated. Could you please confirm since it is not listed on the spec?</p> <p><i>Response: Compliance with UL 1008 7th Edition is required.</i></p>
50		2.1.1	263623-4	<p>If closed transition is required, an interconnect agreement need to filed by the owner with the utility company and special protection circuit will need to be added to the ATSs and upstream CBs. Please confirm if Closed Transition is required?</p> <p><i>Response: Change Specification Section 26 36 23</i></p> <p><i>2.1.A.1. From:</i></p> <p><i>“Automatic transfer switches shall be closed transition switches, 4-pole, draw-out construction, electrically operated, mechanically held open type, without integral overcurrent protection.”</i></p> <p><i>To</i></p> <p><i>“Automatic transfer switches shall be open transition switches, 4-pole, draw-out construction, electrically operated, mechanically held open type, without integral overcurrent protection.”</i></p>
51	E601			<p>Will the Upstream CBs (both Normal and Emergency) be provided with a Short Time response? If so, what is the Short-time time and the amp value? Available Short Time times 0.13 , 0.2, 0.3, 0.5secs. Per UL 1008 7th Ed, the Short Time response on the CB needs to be coordinated with the Short time rating of the ATS. Short-time Rated ATS might require rear access.</p> <p><i>Response: New emergency circuit breakers are adjustable trip low voltage power circuit breakers as specified in specification section 26 23 00 2.4. Circuit breaker settings will be determined by Overcurrent Protective Device Coordination Study. Normal circuit breakers are existing. Each proposed new automatic transfer switch will be required to comply with UL 1008</i></p>

				<i>7th Edition by utilizing these circuit breakers. Rear access is not available for the new automatic transfer switches.</i>
52	E601			<p>Which ATS(s) will be installed outdoor? If so, do you want to consider stainless steel 316 grade? Location is very close to the water.</p> <p><i>Response: ATS-CH only shall be furnished in weatherproof, NEMA 4, Type 316 stainless steel enclosure</i></p>