



Procurement Department Bid Section

May 27, 2026

ADDENDUM NUMBER: THREE (3)

TITLE: 1412156246 (RFP) JEA St. Johns River Power Park (SJRPP) Unit 3 Combined Cycle – Generator Step-Up Transformers

PROPOSAL DUE DATE: June 16, 2026

TIME OF RECEIPT: 12:00 PM EST

**THIS ADDENDUM IS FOR THE PURPOSE OF MAKING THE FOLLOWING CHANGES OR CLARIFICATIONS:**

1. **Question:** Regarding the Answer for the “Question 7” of “1412156246 Addendum 2”, please provide the updated “1412156246 Evaluation Matrix” document.

**Answer:** It is currently in Zycus. See “1412156246 Evaluation Matrix – Addendum 2” document.

2. **Question:** Regarding the Answer for the “Question 8” of “1412156246 Addendum 2”, please clarify the wording “These activities should be limited to installation, assembly and interface connections since the GSUs will be JEA furnished equipment”, since the scope of work is the furnishment of GSUs by the respondent, while JEA will be responsible for the offloading, as well as the field services, according to the item 2.6 of “1412156246 Solicitation” and item 26 of “1412156246 Appendix A - Technical Specifications”.

**Answer:** EPC Contractor activities should be limited to installation, assembly and interface connections since the GSUs will be JEA furnished equipment.

3. **Question:** Regarding the Answer for the “Question 10” of “1412156246 Addendum 2”, please provide the updated “1412156246 Appendix B - Response Forms” document.

**Answer:** It is currently in Zycus. See “1412156246 Appendix B - Response Forms – Addendum 2” document.

4. **Question:** Due to the high rated power of the transformer, we proposes ONAN/ODAF1/ODAF2 cooling with radiators arranged in a separate freestanding bank and fans mounted directly at radiator bottom.

**Answer:** JEA approves

5. **Question:** We are considering TTP or Hitech radiators, Krenz fans, and Sulzer pumps. Please confirm acceptance.

**Answer:** JEA approves

6. **Question:** We would like to clarify the shipping height limitations for this project. Could you please confirm the expected shipping method for this transformer? Is this height restriction due to a specific site limitation? It is usually shipping transformers for FL up to 16.4 ft shipping height. This limitation are critical due to the high rated power of the transformer.

**Answer:** This has been addressed in Addendum 2.

7. **Question:** In order to comply with backfeeding requirements, we recommend to apply the following items:

1) A large surge capacitor on the LV side to reduce the high frequency over-voltages transferred from the HV side (outside the scope of supply).

2) The LV side of a GSU must always be protected by arresters to ground (outside the scope of supply).

**Answer:** JEA is reviewing and will address in a future addendum.

8. **Question:** We propose to design the transformer to withstand geomagnetic disturbance (GMD) events according to the installation site GMD current levels. Usually, the GMD current levels in Florida is low.

**Answer:** JEA approves

9. **Question:** We are considering just top pressing. Bottom pressing is not necessary.

**Answer:** JEA is reviewing and will address in a future addendum

10. **Question:** Short-circuit strength will be demonstrated by calculation only during the design review phase (short-circuit tests is not included in the scope).

**Answer:** JEA approves

11. **Question:** The design data will be provided during the design review, conducted according to Cigre standard.

**Answer:** JEA is reviewing and will address in a future addendum

12. **Question:** We understand that the surge arresters ratings definitions is out of the scope.

**Answer:** Please clarify this statement and/or question

13. **Question:** We couldn't find the standard IEEE C57.1280. The standard IEEE C57.12.80-2024 doesn't have a section 5. Please clarify.

**Answer:** Section 19.1 should read: "The tests shall include, but not be limited to, all the routine tests as described in the latest revision of ANSI/IEEE C57.12.00, Section 7 and as defined in the latest revision of ANSI/IEEE C57.12.90."

14. **Question:** Due to the high rated power of the transformers, we are considering netting tape + enamel insulation for the LV winding conductor.

**Answer:** JEA is reviewing and will address in a future addendum

15. **Question:** Based on the item 3.6.4, we understand that the correct cooling stages should be "288/384/480MVA".

**Answer:** Please follow 3.6.1.

16. **Question:** Please confirm the impedance in the maximum power base, i.e., 30% at 750MVA.

**Answer:** The specified transformer impedance is 18% on a 450 MVA base for each GSU transformer (connected in parallel).

When converted to the maximum cooling rating, the impedance becomes:

$$Z=18\% \times 750/450 = 30\% \text{ on a } 750 \text{ MVA base}$$

Therefore, each transformer shall have 30% impedance on a 750 MVA base.

With two identical transformers operating in parallel, the equivalent impedance seen by the system is:

$$Z_{eq}=15\% \text{ on a } 750 \text{ MVA base}$$

This impedance selection is intentional and is required to limit the short-circuit current during parallel operation, consistent with the system's short-circuit design criteria.

17. **Question:** We understand that the penalties stated in the subitems are applicable only when the impedance exceeds the tolerance ( $\pm 5\%$ ). I.e.,  $\pm 3\%$ ,  $\pm 4\%$ ,  $\pm 5\%$ ,  $\pm 6\%$  higher than  $\pm 5\%$ .

**Answer:** Manufacturer's understanding is correct.

18. **Question:** Please confirm the possibility to consider internal surge arresters or non-linear resistors on the regulation winding.

**Answer:** JEA is reviewing and will address in a future addendum

19. **Question:** Regarding the "fiber optic patch panel for fiber optic connections", we understand that this device does not refer to fiber optic thermal probes for hot spot temperature measurement, i.e., fiber optic monitoring system is not requested.

**Answer:** Manufacturer's understanding is correct.

20. **Question:** We understand that the correct wording is "H0" instead of "X0", since the connection group is "YNd".

**Answer:** Manufacturer's understanding is correct. H0 is correct.

21. **Question:** The measurement will be according to IEEE, while the report will be sent only in order stage. Please confirm.

**Answer:** JEA approves

22. **Question:** We understand that in bidding stage, only the short description name (as shown in item 27.2) and price are enough.

**Answer:** JEA approves

23. **Question:** When "pump" is not applicable, we understand that this spare part should be changed for "fan".

**Answer:** JEA approves