

07.05.2018. Nr. 500300/2.5/2018/1751

Tenderers of the negotiated procedure

Subject: Negotiation procedure No AST2018/21 "The supply of a Phasor Measurement Unit (PMU)" - answers to the tenderer questions

Dear Sir/Madam!

Hereby the Customer answers to the tenderer questions.

Question 1: ITEM 1.11: Would it be acceptable to provide only 32bit floating point format?

Answer: Yes, floating point as a 32-bit representation of a real number is required. 16-bit floating point may not be supported as not required by IEEE C37.118.

Question 2: ITEM 1.17: Is this point applicable as well to the control voltage for digital inputs? If yes, what is the required voltage level, 110Vdc or 220Vdc?

Answer: For digital inputs 110V DC is required.

Question 3: ITEM 1.24: Does the LCD need to be embedded on the PMU enclosure? Would it be acceptable to provide an external screen connected to the PMU via Ethernet or serial cable?

Answer: Yes an external compact screen is acceptable in combination with PMU.

Question 4: ITEM 1.43: Is it acceptable to use an external device, such as UPS, to provide the requested 10 min ride through in case of main power supply absence?

Answer: Yes an external power supply unit is acceptable in combination with PMU.

Question 5: ITEM 2.1: Is it acceptable to provide support only for IEEE C37.118-2005 inside the PDS?

Answer: The system shall correctly process, input and output, streams compliant with 2005, 2011 and 2014 versions of IEEE C37.118 and data received from PMUs of any version shall not be lost. Functional deviations from the 2011/2014 standard of the inside PDS processing may be accepted, if not significant, subject to evaluation by Customer.

Yours faithfully

Member of the Management Board

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