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ADDENDUM 03

Request for Proposal: Electrical Protective Relay (IDIQ)
University of Arkansas
Fayetteville, Arkansas

TME Job No. 04-13-0003

November 15, 2013

Clarifications:

RELAY FEATURE/FUNCTIONS:

FEEDER:

1. Trend recorder - there are no specifics on this in section 2.01. What information is to be recorded?

   TME Response: Please reference sections: 0600-2.01-I & 0600-2.01-J & 0600-2.01-L & 0600-2.01-M & 0600-2.01-N as the sort of information to be recorded. If with the range of relays being offered some products do not have all of these features please state exceptions to what is included in the technical specification.

2. Is 32 going to be used in the feeder protection scheme? This is typically used for intertie applications.

   TME Response: Potentially yes. We are expecting a range of products for each type of relay that will be used in a number of new and existing applications. It is not possible to answer specific application questions as the full application analysis has yet to be completed. Please use Appendix 5 to indicate the various functions of the products being offered that show the full range of functions available.

TRANSFORMER:

3. 78V - Appendix 5-2 has, section 2.02 does not. This is typically for generator protection, is it being requested for Transformer protection? If yes, how will it be used?

   TME Response: Use Section 2.02 as the technical requirement. Appendix 5-2 is only to ensure that responses are presented in a similar manner and provide a method for the evaluation panel to compare product offering from different responses.

4. 32V - Not typical for transformer, how will it be used?

   TME Response: We are expecting a range of products for each type of relay that will be used in a number of new and existing applications. It is not possible to answer specific application questions as the full application analysis has yet to be completed. Please use Appendix 5 to indicate the various functions of the products being offered that show the full range of functions available.

5. 55A/55D - Also not typical for transformer protection, how will this be used?

   TME Response: We are expecting a range of products for each type of relay that will be used in a number of new and existing applications. It is not possible to answer specific application questions as the full application analysis has yet to be completed. Please use Appendix 5 to indicate the various functions of the products being offered that show the full range of functions available.

6. 87GDH - Appendix 5-2 has listed but section 2.02 does not. Is this to be included?

   TME Response: Use Section 2.02 as the technical requirement. Appendix 5-2 is only to ensure that responses are presented in a similar manner and provide a method for the evaluation panel to compare product offering from different responses.

7. How is cold load pickup and switch onto fault protection to be used in the transformer protection scheme?

   TME Response: We are expecting a range of products for each type of relay that will be used in a number of new and existing applications. It is not possible to answer specific application questions as the full application analysis has yet to be completed. Please use Appendix 5 to indicate the various functions of the products being offered that show the full range of functions available.

MOTOR:

8. 87B - How is selective zone interlocking (87B) to be used in the motor protection scheme?

   TME Response: We are expecting a range of products for each type of relay that will be used in a number of new and existing applications. It is not possible to answer specific application questions as the full application analysis has yet to be completed. Please use Appendix 5 to indicate the various functions of the products being offered that show the full range of functions available.

9. 78V - This is used for generator protection, is it being requested for motor protection? If yes, how will it be used?

   TME Response: We are expecting a range of products for each type of relay that will be used in a number of new and existing applications. It is not possible to answer specific application questions as the full application analysis has yet to be

completed. Please use Appendix 5 to indicate the various functions of the products being offered that show the full range of functions available.

10. On Locked Rotor 49S/51 element - Is the 49S specific to a particular thermal element or is this a standard 49/51 application?

    TME Response: We are expecting a range of products for each type of relay that will be used in a number of new and existing applications. It is not possible to answer specific application questions as the full application analysis has yet to be completed. Please use Appendix 5 to indicate the various functions of the products being offered that show the full range of functions available.

GENERATOR:

11. For the thermal overload element, is the intent 49TC or 49RTD or is this a generic requirement?

    TME Response: Yes

12. Please clarify 46G. Is this different than 46?

    TME Response: Yes

Refer to Section 00100 Notice For Proposals

13. Refer to paragraph 2 – Bid date has changed to 2 pm on Thursday, November 21st 2013.

Refer to Section 00200 Instructions For Proposers

14. On Page 4, Paragraph 2, you state that "the Vendor's field service team or his approved contractor shall have a current Arkansas general contractors license for field installation services. We would like you to reconsider this requirement, for the following reasons:

    a. We are a licensed engineering firm with a field service department and some of the most experienced and skilled relaying engineers and technicians in the business. We have done hundreds of turn-key relay replacement projects with all major brands of relays. We are not, however, a general contractor in Arkansas.
    b. You will find that most contractors are NOT skilled relay technicians and engineers.
    c. From your documents, it appears that you do not have much in the way of requirements for the vendor who will be designing and engineering the equipment upgrades. The qualifications of the persons who will be creating the upgrade schematics and programming the relays is far more important than the qualifications of the installer.
    d. As relays are panel-mounted components, replacing existing components, we have never been required to have a contractor's license on any other relaying projects we have done. Were new switchgear to be

installed it would be different, but relaying is the realm of highly-skilled engineers and technicians, NOT of contractors.

We request you consider re-wording the phrase “the Vendor’s field service team or his approved contractor shall have a current Arkansas general contractors license, or be a licensed professional engineering firm with field service capabilities and a current Arkansas Certificate of Authorization for engineering field installation services.”

You should also consider including a requirement that the installation design be performed by a licensed professional engineer in a licensed professional engineering firm.

TME Response: The contract will be signed between the University of Arkansas and the selected organization who must hold an Arkansas General Contractor License, as stated within the RFP document. This requirement does not preclude engineering and field service organizations from partnering or teaming with regard to providing the full scope of the requirements of this contract as long as the contracting organization has an Arkansas General Contractor’s License.

End of Addendum # 03

NO MORE ADDENDUMS WILL BE ISSUED BEFORE BID DAY.