

Company reference
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Project title	Digital Fault Recorder & Power Quality Meter Management System Project	
Contractor (Business name/work group)	Grid Protection Alliance	
Duration of the service provision (esp. commencement and finalization of services)	June 14 2019	Dec 31 2023
Contract volume in USD (excl VAT)	735,000.00 USD	
Own contribution to the contract volume (excl VAT)	735,000.00 USD	
Business name customer (=Contracting Entity back then):	Tennessee Valley Authority (TVA)	
Contact person, customer (incl. telephone, email):	Anthony Murphy, <a href="mailto:ammurphy@tva.gov">ammurphy@tva.gov</a> +1 423 309 8390	

Brief project description (where applicable information about the participation in the work group):
<p>The purpose of this project is to improve automation and reduce operational costs as the scope of TVA PQ infrastructure continues to expand. Implementation of the solution will simplify and consolidate legacy department applications and result in an integrated collection of applications that are no longer fragmented and which will be able to be more easily maintained.</p> <p>The primary TVA application to be retired as a result of this proposal is PQMS, a web-based application developed on an ad-hoc basis to meet address configuration, meter status, and reporting requirements. In addition, five applications internally developed by TVA will be retired. These are the configuration checker, service monitor, latency tracker, download issues email and the lightning statistics email</p> <p>In addition to retiring these applications, TVA desires new functionality that can be enabled through new analytics or as can be implemented as PQ systems are integrated. This functionality will be integrated into GPAs existing openXDA suite of PQ tools.</p>

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**Former client confirming the reference details**

As a representative of the reference client,

<b>(Business) Name of company</b> (incl. VAT-number) (former client confirming the reference details)
Tennessee Valley Authority

I confirm by my signature that according to my knowledge the reference project mentioned above meets the conditions mentioned above and that the services have been provided in a good and professional manner.

 <b>(Anthony Murphy), 01/19/2023</b>
<b>Date and signature with name(s) in block letters</b>

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**If any such certification is not available, it may be replaced by a simple declaration on the part of the applicant.**

Surrogate certification by the Applicant:

I confirm as representative of the applicant/ consortium of applicants by my signature that the certification by the reference's customer is not available and therefore declare by this surrogate certification that according to my knowledge the reference project mentioned above meets the conditions mentioned above and that the services have been provided in a good and professional manner.

<b>Date and signature with name(s) in block letters</b>