

Statement of Work (SOW)

Power Monitoring Expert (PME) Sustainment and Software Procurement for the Advance Meter Reading System (AMRS) Platform

29 May 2026

- 1.0 **Introduction.** Work is to be accomplished for the AMRS Program Management Office (PMO), AFCEC/CNP at Tyndall Air Force base in its Air Force Civil Engineer mission. This contract is for the sustainment of existing United States Air Force (USAF) owned PME software licenses, the option to procure up to 30 additional PME software license suites with sustainment.
- 1.1 **Background.** The USAF AMRS is the system of record for energy monitoring. It has been installed at multiple locations across the globe. It uses modules of Schneider Eco Structure Power Monitoring Expert (PME) software to sample, calculate, display and archive data. The locations listed below include sites where the system is currently installed, as well as potential new locations to highlight potential scope.

Tinker AFB OK	Nellis AFB, NV	Eielson AFB, AK
Wright Patterson AFB, OH	Hill AFB, UT	Robins AFB, GA Patrick
AFB, FL	Joint Base (JB) McGuire Dix Lakehurst, NJ	
Altus AFB, OK	Beale AFB, CA	Edwards AFB, CA
Travis AFB, CA	JB Langley Eustis, VA	Hurlburt AFB, FL Keesler
AFB, MS	JB Elmendorf Richardson	Kirtland AFB, NM Offutt AFB,
NE	JB-Charleston SC	Luke AFB, AZ
Whiteman AFB, MO	Little Rock AFB, AK	Peterson USSF Station. CO
Schriever USSF Station, CO	Maxwell AFB, AL	Tyndall AFB, FL
Shaw AFB, SC	Davis Monthan AFB, AZ	Buckley USSF Station, CO Vandenberg
USAF CA	Scott AFB, IL	McConnell AFB, KS
Barksdale AFB, LA	Holloman AFB, AZ	MacDill AFB, FL
Dover AFB, DE	Dyess AFB, TX	Ellsworth AFB, SD
Lakenheath AB, UK	Mildenhall AB, UK	Arnold AFB, TN
Kadena AB, JP	Joint Base Andrews, MD	Cannon AFB

AMRS integration and installation is done at Tyndall AFB, FL. This location is where all system and device trouble shooting occurs, configuration management as well as validation of enhancements for future versions. The goal for AMRS is to collect at least 60% of total AF facility energy via a central data collection system allowing near real time monitoring of the status and health of the utility. This is done centrally as a goal of providing a system that requires little to no base level effort to sustain the system or devices. AMRS is limited to communicating within the AF's Community of Interest Network (CE-COIN) or Installation Resilience Operations Center (IROC) environments. AMRS has and must

sustain its current Authority to Operate (ATO) on the CE COIN or IROC enclave. No changes to the system or devices are allowed that will violate ATOs, therefore not permitted under this contract.

- 1.2 **Objective.** The objective of this contract is to continue sustaining the existing Schneider Eco Structure PME license suites PME modules, owned by the USAF for the existing AMRS platform on an enterprise-wide basis with software maintenance support. The number and types of modules the USAF currently owns is listed below in paragraph 3, Table 3. Sustainment and maintenance support required includes software updates, patches, and overall product enhancements at what is categorized by the manufacturer as a Custom Air Force PME Software Sustainment package “AMRS Eco Structure Service Plan (ESP)” level.

This effort will allow for the optional procurement of up to a total of 30 additional software licenses over the life of the contract on an as needed basis. Any new license will include (1) one year of sustainment at no additional cost to the Government. Following the initial year, new licenses will also include the option for associated software maintenance and sustainment at an equal level as all existing software licenses (AMRS Eco Structure Service Plan (ESP)) for the duration of the contract.

All work performed under this contract shall comply with DoDI8510.01 Risk Management Framework and AFI 17-130 Air Force Cybersecurity Program Management to ensure products used within the system boundary are configured in accordance with applicable DISA Security Technical Implementation Guides (STIG) or Security Requirements Guides (SRG) where STIGs are not available.

1.3 **Existing Software Platform.**

The Government has 46 existing Schneider Eco Structure PME license suites (identified in paragraph 3, Table 3) that require maintenance and sustainment support services. These existing license suites are deployed at locations identified in para 1.1.

The USAF intends to, but is not obligated, to deploy up to a total of 30 additional AMRS Schneider Eco Structure PME license suites at additional bases over the life of the contract. The annual number of bases may vary but is expected to average 6 each year at locations in the CONUS and OCONUS.

The following statements are included in this software support contract:

- The total scope of this AMRS enterprise license is for unlimited electrical meters and the 15 data points per electric meter that are required
- The enterprise license is for deployment at the locations noted in Para 1.1
- The USAF can mix and match unlimited number of meters at any base
- The contents of the AMRS platform must comply with DoDI 8510.01 Risk Management Framework and AFI 17-130 Air Force Cybersecurity Program Management to ensure products used within the system boundary are configured in accordance with applicable DISA STIGs (Security Technical Implementation Guide) or SRGs (Security Requirements Guide) where STIGs are not available.
- The functionality is required to read the memory registers of the designated meter types called out in document UFGS_26_27_13.10_30.pdf.
- The platform will be able to pull data from only the meter types (make and model) that are listed as AMRS compliant (see Appendix 1)
- The software provider is not responsible for any additional hardware for this system including Servers, monitors, modems, routers, printers or communication radios.
- The software provider is not responsible for any installation of meters, cables, Current Transformers s, communication equipment or servers for this contract.
- The software provider is not responsible for any installation of the software platform onto the USAF servers. This is the responsibility of the USAF and its contractors.
- The contractor will provide support for downloading any required software updates, patches, revisions, new versions, etc. Optimal download is thru web interface accessible to USAF systems or similar, but at a minimum should plan on use of a CD/DVD delivery to Tyndall AFB if other methods fail.
- Technical support for the AMRS platform are part of the deliverables. They will be spelled out with limitations in the subsequent sections.

- The delivery shall be to AFCEC/CNP, Attn AMRS PMO, 139 Barnes Drive, Tyndall AFB, FL, 32403.
- Upon award of the basic or options, the existing platform will have all licenses and warranties validated as up to date. If they are not up to date, they will be then modified as needed making them up to date.
- The contractor is not responsible for any payments for Information Assurance testing (DIARMF) but will supply documentation to our Information Assurance group to test
- The contractor will offer direct access, not through a series of product help lines, to the AMRS development team to insure the fastest deployment or downloads of required items for the sustainment or procurement of the software in question.

2.0 **Scope – PME -Software Suite/Platform Sustainment:**

The scope for this contract is to maintain the Schneider Electric PME Software modules described below for the type accredited AMRS Platform. From here forward, a “full” PME license is referred to a license with all PME modules noted in paragraph 3 Table 3. Each incident of a “full” set of modules will be considered on incident of the AMRS software. Partial licenses, as noted in paragraph 3 Table 3, will only include a limited number of modules. Each of these will be noted as a “partial AMRS set”. The level of software support shall not change even if specific Schneider PME modules are renamed, split, or modified by the manufacturer to include the same level of support as was originally proposed.

- 2.1 The contractor shall provide the Government a Service Level Agreement (SLA) at the software developer, Schneider Engineering, “AMRS Eco Structure Service Plan (ESP)” level and involve services as listed in Table 2. Response time acknowledging an issue for the SLA shall not exceed a 15 minute average calculated over a month. Resolution of issues shall not exceed a 2 day average calculated over a month. Each issue submitted under the SLA shall be independently cataloged by the contractor and surmised at the end of the month. These metrics shall be reported in each Monthly Status Report.
- 2.2 A complete point of contact list shall be provided and updated as applicable, minimum annually, for all features outlined in Table 2, to include Title, name, email, phone number, expected response formats, and/or web link. All other requirements in this SOW shall apply to the PME suite including requirements for product updates, maintaining cybersecurity, etc

Table 1 Custom Air Force PME Software Sustainment “AMRS Eco Structure Service Plan (ESP)” features

- Basic Product Support Telephone, MS Teams/Virtual Conference Applications (available to the Government) and e-mail support from 8 am – 8 pm EST to provide technical guidance and support to Client as requested.
- 24x7 Support. Telephone support is provided for after-hour emergency calls.
- Direct Access to Level 2 Digital Service Engineers. Connect with senior Digital Services resources to answer questions and resolve issues.
- Designated Engineer. Acts as a single point of contact to resolve or coordinate resolution for an issue.
- Customer Success. Designated trusted advisor that helps resolve issues achieve your goals with tailored experiences, from personalized guidance to digital engagement, ensuring you maximize the value of your services.
- Software Assurance. Free license for service packs and new software releases. Installation and SQL license are not included.
- Self-Help Web Portal. Web access to service packs and knowledge base Power Advisor Data Quality Report (up to 4 Per Year).

- 3.0 **Existing Licenses.** Below is a listing of all current AMRS full and partial software licenses. There is one complete PME or AMRS Suite per AF Installation. The contractor shall continuously monitor and manage the software platforms identified in Table 3 in order to identify product updates, new versions, patches, etc. to keep AMRS cybersecure as well as up to date with technology changes/improvements. The contractor shall provide all such items on media as specified in paragraph 3.4. The contractor shall track each incident of AMRS software license for any Government owned partial or full license and its version status. If new versions of the AMRS software is released, this tracking sheet shall be updated as existing

licenses are updated to the new software version. This tracking sheet shall be provided monthly as part of the MSR (para 3.5).

Table 2: AMRS Existing license

Number of licenses	Modules in License	Renewal Periods
40 - Full AMRS Suites	Full set to include the following modules: <ul style="list-style-type: none"> • PME Standard Edition Base • Unlimited Devices • Energy Analysis Report Module • Data Exchange Module • Energy Billing Module • Unlimited Client Access • Energy Analysis Dashboard Module 	Annual
6 – Partial AMRS Suites	Partial set to include the following modules: <ul style="list-style-type: none"> • PME Standard Edition Base • Unlimited Devices 	Annual

3.1 **New Licenses:** The Government may exercise the option to procure additional AMRS full licenses. The contractor has 30 calendar days from award of the modification to provide the required license information such that the new software can be utilized by the Government. The option to purchase a new AMR license may occur at any time during this contract's performance window. The sustainment of those licenses shall also begin at the award of the contract modification to procure then sustain the new license. The modification will also change the number of licenses listed in the above Table 3 and may also include additional bases as noted in paragraph 1.1.

- **3.1.1** When a new AMRS license is procured, each new license purchase shall come with one (1) year of software sustainment at no additional cost. The contractor shall provide the Government with a schedule of each license's software sustainment schedule from procurement, through any period of original manufacturer sustainment (to include the initial 1-year at no cost period) and finally when sustainment transitions under this contract. Additionally, the contractor shall provide a new cost breakout, by month, detailing the sustainment costs for the remainder of the current and future option years. As new licenses are provided, they shall be added to the tracking sheet noted in para 3.0. The contractor shall also update any needed monthly and period of performance payment schedules for the Government to reflect changes in sustainment costs when a new AMRS license is purchased.

3.2 **Deliverables.** Ensuring delivery of any item in this contract is upon the Contractor. Expectation is that this is a performance base measure of success, and upon the contractor to select, then ensure all required items are successfully delivered. Delivery of physical materials shall be to AFCEC/CNP, 139 Barnes Drive, Tyndall AFB, FL, 32403. The USAF will provide the completed application to the software provider for each base deployed for maintaining the records of meter usage and ability to provide technical support.

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- The contractor will not use any other memory devices or transfer media.
- The contractor shall be able to track licenses keys under this contract for configuration management purposes. This shall include the specific modules and versions of each of the licenses as well as their versions. This information shall be updated as licenses are upgraded under this contract, or new licenses are acquired.
- The contractor shall provide any required activation ID's for each module is available after contract award.

3.3

Grant of License:

The licenses in use will be a combination of bases noted in para 1.1 and newly installed bases as noted above.

- Application limited to Advanced Meter Reading System only.
- As needed, the USAF agrees to provide the finished build-out for each base for technical support purposes and meter usage verification.
- USAF agrees to cover all Microsoft fees required for the AMRS software, under their Microsoft Enterprise Agreement.
- Licenses deployed are perpetual.
- All other software terms and conditions shall be in accordance with the Schneider End User License Agreement.

- 3.4 **Testing of Deliverables.** In order to ensure the deliverables, meet USAF cybersecurity requirements, when requested, the USAF will make the AMRS deployed at Tyndall AFB, FL available for the contractor's use in demonstrating the product/deliverable meets the required security. USAF staff will witness all product/deliverable testing and advise the contractor on specific areas of passing or failing to pass USAF cybersecurity requirements.

- The contractor shall keep the AMRS "master disk" platform cyber secure
- The existing system has an ATO and that this is the starting point for the changes and additional licenses that the USAF is requesting.
- The contractor is responsible for making modifications to the software to keep the AMRS platform cyber secure by adhering to DoD Secure Technical Implementation Guides (STIG) / Security Requirements Guide (SRG) compliance.
- The contractor is responsible for timely notification to the AF of any system or software vulnerabilities identified in other applications or by other users.
- EXCEPTION – This contractor is not responsible for the overall system accreditation for deployment at each site.

3.5 **Monthly Status Reports (MSRs) CDRL A001**

The contractor will prepare a Monthly Status Report providing at a minimum the following, in relation to the previous month: deliverables, job descriptions and status, work completed and dates. MSR shall also include the SLA metrics as noted in para 2.1. The MSR is due by the fifth of each month and must be reviewed and approved by the COR prior to invoicing.

- 4.0 **Records/Data.** All data and data rights associated individual purchase orders under this purchase order become the property of the U. S. Government.

- 5.0 RESERVED

6.0 **Contract additional statements**

- 6.1 **Contractor Furnished Items.** Except for those items or services stated as Government furnished, the contractor must furnish everything needed to perform this contract according to all its terms.
- 6.2 **Privacy Act.** Work on this project may require that personnel have access to Privacy Information. Personnel shall adhere to the Privacy act, Title 5 of the U.S. Code, Section 552a and applicable agency rules and regulations.

- 6.3 **Clearances.** Security clearance are not required for this effort. Access to DoD installations will require all personnel to submit a background check done by local security personnel. All personnel also need to be US Citizens. When performing on-site within a Government facility, the Government will provide escort of contractor personnel. Common Access Cards or access to the Government network are not part of this endeavor.
- 6.4 **Section 508 Compliance.** All electronic and information technology (EIT) procured through this purchase order must meet the applicable accessibility standards at 36 CFR 1194, unless an agency exception to this requirement exists. 36 CFR 1194 implements Section 508 of the Rehabilitation Act of 1973, as amended, and is viewable at <http://www.section508.gov>.
- 6.5 **Disclosure of Information.** Information made available to the contractor by the Government for the performance or administration of this effort shall be used only for those purposes and shall not be used in any other way without the written agreement of the Contracting Officer. The contractor agrees to assume responsibility for protecting the confidentiality of Government records, which are not public information. Each contractor or employee of the contractor to whom information may be made available or disclosed shall be notified in writing by the contractor that such information may be disclosed only for a purpose and to the extent authorized herein.
- 6.6 **Limited Use of Data.** Performance of this contract may require the contractor to access and use data and information proprietary to a Government agency or Government contractor which is of such a nature that its dissemination or use, other than in performance of this effort, would be adverse to the interests of the Government and/or others. Contractor and/or contractor personnel shall not divulge or release data or information developed or obtained in performance of this effort, until made public by the Government, except to authorize Government personnel or upon written approval of the 772nd Contracting Officer. The contractor shall not use, disclose, or reproduce proprietary data that bears a restrictive legend, other than as required in the performance of this effort. Nothing herein shall preclude the use of any data independently acquired by the contractor without such limitations or prohibit an agreement at no cost to the Government between the contractor and the data owner which provides for greater rights to the contractor.

7.0 **Reference Information.**

7.1 **Definitions & Acronyms.**

AFI	Air Force Instruction
AMRS	Advance Meter Reading Solution
CONUS	Continental United States
CO	Contracting Officer
COR	Contracting Officer's Representative
CR	Client Representative
DIARMF	Defense Information Assurance Risk Management Framework
DISA	Defense Information Systems Agency
DoD	Department of Defense
MDMP	Meter Data Management Plan
MSR	Monthly Status Report
OCNUS	Outside of the Continental United States
QCP	Quality Control Plan
SRG	Security Requirements Guide
STIG	Security Technical Implementation Guide
USAF	U. S. Air Force

8.0 **Appendices.**

1. Approved meters

Appendix 1 List of approved meters From 10 Jun 2025 Meter Data Management Plan

AMRS Compliant Electrical Meter List

The following list of meters were evaluated, meet the AMRS meter specification and function within the AMRS platform. All networked devices, their integrated firmware and software will be approved by the PMO for use in the AMRS. PMO approval is contingent upon the device, in its fielded configuration, passing USAF cyber and AMRS compatibility testing.

- Schneider Electric PM8000
- Schneider Electric ION 8650
- Schneider Electric ION 9000
- Schneider Electric ION 9000T
- Siemens 9410
- Siemens 9810
- Schneider Electric PM5560 (no new AMRS funded installs; host bases may fund new installs if they deem appropriate)
- Schneider Electric ION 8600 (currently connected to AMRS only, no new installs)
- Electro Industries Nexus 1272 (currently connected to AMRS only, no new installs)
- Electro Industries Nexus 1262 (currently connected to AMRS only, no new installs)
- Schneider Electric PM800 (currently connected to AMRS only, no new installs)
- Veris Hawkeye 8100 series (currently connected to AMRS only, no new installs)

AMRS Compatible Gas Meter Specifications

AMRS compatible gas metering solutions rely on accurately scaled output pulses, properly sized components according to peak demand, and peak pulse rates to eliminate the risk of saturating the receiving device ensuring the loss-less delivery of accurate gas pulse data into the AMRS system. The due diligence of the contractor shall be to coordinate with the appropriate base personnel to obtain all necessary information to effectively design and build a system that satisfies these requirements and conforms to the following specifications:

- Pulse kit must be able to produce a two-wire (Form A) pulse output via exterior rated RS485 cable in conduit
- Gas meter or attached pulse kit must include a visual register or dial
- All new gas meter assemblies shall include upstream gasket strainers
- All meter labels shall be white on black phenolic
- All cabling not installed above ceilings or behind walls shall be protected by conduit

AMRS Compatible Water Meter Specifications

AMRS compatible water metering solutions rely on accurately scaled output pulses, properly sized components according to peak demand, and peak pulse rates to eliminate the risk of saturating the receiving device ensuring the loss-less delivery of accurate water pulse data into the AMRS system. The due diligence of the contractor shall be to coordinate with the appropriate base personnel to obtain all necessary information to effectively design and build a system that satisfies these requirements and conforms to the following specifications:

- Pulse kit must be able to produce a two-wire (Form A) pulse output via RS485 cable
- Water meter or attached pulse kit must include a visual register or dial
- All new water meter assemblies shall include upstream bronze wye strainers
- All meter labels shall be white on black phenolic

All cabling not installed above ceilings or behind walls shall be protected by conduit

AMRS Compatible Translation Devices and Accumulators

The following devices are compatible with the AMRS platform, have been tested and passed cybersecurity requirements. Please note that they will only be approved for use on a case-by-case basis when dictated by unique existing site conditions. Translation devices and accumulators require lockable enclosures and dedicated power outlets.

- Schneider Electric PAS600L EcoStruxure Panel Server (No new installs is not TAA compliant)
- Schneider Electric Link 150 Ethernet Gateway (End-of-Life item; no new installs)
- Schneider Electric ComX 210 Data Logger (End-of-Life item; no new installs)
- Perle SDS1P Device Server (currently connected to AMRS only, no new installs)
- Perle IOLAN DS1 (currently connected to AMRS only, no new installs)
- Advantec ADAM-6060 I/O Module (currently connected to AMRS only, no new installs)
- Advantec ADAM-6051 CE Version (currently connected to AMRS only, no new installs)