DEPARTMENT OF THE AIR FORCE
178th WING
CIVIL ENGINEER SQUADRON
SPRINGFIELD, OH

STATEMENT OF WORK

Install Basewide Microgrid

PROJECT NO.

WAAR209001

DEPARTMENT OF THE AIR FORCE

178th CIVIL ENGINEER SQUADRON

SPRINGFILED-BECKLEY AIR NATIONAL GUARD BASE
SPRINGFIELD, OH

REV: 20260422

1. GENERAL INFORMATION

1.1. DEFINITION OF TERMS

1.1.1. GOVERNMENT refers to the United States GOVERNMENT and the United States Air Force as represented by the United States CONTRACTING OFFICER or their designated representative, the CONTRACTING OFFICER's REPRESENTATIVE (COR) from the 178th Civil Engineer Squadron.

1.1.2. CONTRACTOR refers to the CONTRACTOR, the SUBCONTRACTOR for the CONTRACTOR, any and all CONTRACTOR and SUBCONTRACTOR employees or personnel, the CONTRACTOR's tools, and the CONTRACTOR's vehicles and equipment.

1.1.3. NOTICE TO PROCEED (NTP) provides written notification that the CONTRACTOR has provided adequate design submittals and approved by the CONTRACTING OFFICER. This shall allow the CONTRACTOR to begin ordering construction materials.

1.1.4. PERIOD OF PERFORMANCE (PoP) begins with the NOTICE TO PROCEED and ends after the final acceptance of the construction.

1.2. ABBREVIATIONS / ACRONYMS

KO:	CONTRACTING OFFICER
COR:	CONTRACTING OFFICER's REPRESENTATIVE
PoP:	Period of Performance
OTHERS:	Workmen under the employ of Other CONTRACTORS or the GOVERNMENT.
NTP:	Notice To Proceed provided by the CONTRACTING OFFICER
ASTM:	American Society for Testing and Materials
DDC:	Direct Digital Controls
ECPs	Entry Control Points
EM:	Environmental Manager
GFE:	GOVERNMENT Furnished Equipment
IT:	Information Technology
MSDS:	Material Safety Data Sheet
OPSEC:	Operations Security
OSHA:	Occupational Safety and Health Administration
QA/QC:	Quality Assurance / Quality Control
SOW:	Statement of Work
UFC:	Unified Facilities Criteria (Design Manual)
UFGS:	Unified Facilities Guide Specifications
VECP:	Value Engineering Contract Proposal

1.3. INSTALLATION STANDARDS

1.3.1. CONTACTOR shall provide all labor, material, tools, equipment, supervision, and all items to complete the work in accordance with all portions of the SOS, Drawings, Specifications, all applicable building codes, UFCs, ETLs, etc. unless otherwise noted under the Government Furnished Equipment/Property section (Para. 2.2).

1.3.2. Repairs, replacements, new installations and re-installations shall conform to the current version of all applicable Federal, State, and Local building codes, laws, and regulations for building constructions, renovations, and maintenance activities as specified by the installation's Base Facility Standards referenced below. The workmanship shall meet the requirements of these standards. The CONTRACTING OFFICER or COR must approve the workmanship upon completion and prior to closeout of the contract.

1.3.3. Adhere to all Unified Facilities Criteria (UFC) and Unified Facilities Guide Specifications (UFGS). The US National Electric Code (NEC), Plumbing Codes, International Building Code (IBC), and the Ohio Building Code (OBC) shall be the minimum construction standard allowed, however the UFC shall take precedence should conflict arise.

1.3.4. Follow standards for worker safety found in Occupational Safety and Health Administration (OSHA) requirements, EM385-1-1, National Electric Safety Code, and other similar Standards.

1.3.5. For any electrical work, provide a licensed electrician knowledgeable of and conforming to the requirements of the National Electrical Code (NEC). The licensed electrician must hold and be able to provide a current and valid certification prior to the start of any electrical work. **Certification shall be submitted to base engineering for review.** Follow all standards for electrical installations pertaining to fire protection and personnel safety found in the most current US National Electric Code (NEC).

1.3.6 Any work completed to add new, repair or modify existing fire alarm, suppression, and/or detection systems must be installed in accordance with current NFPA requirements. The components or system installed shall operate with existing building components and be compatible with existing fire alarm panel, able to communicate with headend units at the primary and alternate BDOC locations. The Springfield Ohio Air National Guard Base Fire Department requires a Monaco Fire Alarm panel system.

1.3.7 Any work completed to add new, repair, modify, or otherwise interface with the Springfield Ohio Air National Guard Base DDC system shall operate and be compatible with existing DDC IT infrastructure with no system degradation of existing capabilities. The Springfield Ohio Air National Guard

Base uses a system based on Honeywell Niagara 4 software. Potential connections may be necessary depending on how controls can be integrated.

1.3.8 Exterior walls, interior bearing walls (and/or columns) and roof assembly shall meet minimum blast and ballistic mitigation criteria as set forth by UFC 4-010-01, Change 3.

1.3.9 All concrete design shall be in accordance with ACI 318 Code Requirements for Structural Concrete.

1.3.10 Dispose of all solid waste to include non-hazardous and hazardous waste in compliance with all Federal, State, and Local environmental laws and regulations in coordination with the Base Environmental Management Office (EMO). Track and report the volume of solid waste (Construction & Demolition) disposal and recycling costs incurred, or funds received, disposal sites, and weight tickets to the COR using **Post-Project Waste Diversion Report** (attached) within 30 days from project completion using the submittal process.

1.3.11 Perform site preparation in accordance with drawings and specifications included within or attached to this Statement of Work (SOW). Questions pertaining to the depth and extent of the site preparation shall be directed to the COR. Alteration of existing surfaces or facilities, not identified by the GOVERNMENT, shall not occur. CONTRACTOR shall be responsible for any damage to any surfaces, structures, facilities, and equipment not identified by the GOVERNMENT for alteration and shall be repaired to the COR's approval at the CONTRACTOR's expense.

1.3.12 Field-verify all conditions and measurements provided in this statement of work. The CONTRACTOR assumes full monetary responsibility for any and all additional work, materials, or equipment required to complete the project that was not included in the statement of work that a reasonable site inspection would have revealed. The CONTRACTOR shall not be responsible for conditions that a reasonable site inspection would not have revealed (unforeseen site conditions).

1.3.13 It is highly encouraged to develop, prepare, and submit Value Engineering Change Proposals (VECP's) voluntarily. The CONTRACTOR shall share in any net acquisition savings realized from accepted VECPs, in accordance with the incentive sharing rates in paragraph (f) of 52.248-1 in the FAR. If a VECP is accepted, the CONTRACTOR shall share in net acquisition savings of between 50 - 75 percent or as negotiated by KO and as described in the FAR.

1.3.14 Complete a **DD1354 break-out form** for the work performed on the project within 30 days of project completion using the submittal process. The form must be completed satisfactorily and in a timely manner before the final

invoice is processed for payment. Any questions regarding completion of the form should be referred to the Real Property Manager for assistance. Real Property Manager: Mr. Jordan Deady Email: jordan.deady.2@us.af.mil phone: (937) 525-2586.

1.4. STANDARD PRODUCTS

1.4.1 Materials such as sealants, adhesives, waterproofing, or fireproofing must comply with standards set forth by UL, ASTM, and IEC and listed for the specific use intended.

1.4.2 In the event of conflict among the Specifications, Drawings, and/or Technical Instructions, the CONTRACTOR shall bring such conflict to the attention of the CONTRACTING OFFICER and COR for resolution before proceeding with the work involved. Submit through the RFI process for documentation of conflict and agreed upon resolution utilizing the provided RFI Template.

1.5. SUBMITTALS

1.5.1. The CONTRACTING OFFICER or COR must approve all material submittals prior to procurement by the CONTRACTOR. Materials substitution after submittal approvals shall not be allowed without written approval by KO.

1.5.2. Provide documentation for each submittal in accordance with the provided project Specifications Manual, and the attached Material Submittal list. Include a catalog sheet of the specific product containing the product technical information, data, or specifications. **Highlight selected options on the technical data sheet if technical information contains more than one option.** When requested by COR, a sample of the product/equipment or material must accompany the submission (typically for approval of finish color, if not already specified in the attached Base Facility Standards).

1.5.3. Material submittals are required unless approval from the COR or CONTRACTING OFFICER has been granted otherwise. All Material Submittals, Design Drawings, and Specifications are to be submitted to the COR and CONTRACTING OFFICER with a fillable/signable PDF version of the **Air Force Form 3000** (attached) for approval prior to installation of the material submitted. Submittals, Drawings, and Specifications shall be reviewed by the KO and approved prior to installing the approved material. Copy the following individuals on all submittals:

Technical Inspector: Mr. Nick Owens – nicholas.owens.2@us.af.mil
Technical Inspector: Mr. Shane Ober – shane.ober.1@us.af.mil
Technical Inspector: Mr. Blake Melling – blake.melling.1@us.af.mil
COR: Mr. Mike Howard – michael.howard.53@us.af.mil
Contract Specialist: TSgt Seth Taylor – seth.taylor.8@us.af.mil

KO: Capt Carter Coleman – carter.coleman@us.af.mil

1.5.4. Provide a detailed Project Schedule identifying milestone dates to COR prior to issuance of NTP. A detailed Design and Construction Schedule in a CPM – Gantt style format shall be submitted for approval using **Air Force Form 3064** (attached) using the submittal process. If a change in the schedule is required, resubmit the Progress Schedule for approval in electronic format to the COR within 7 days. AF Form 3064 will be used to evaluate project completion, ensure updates are submitted.

1.5.5. Provide Progress Reports weekly to the COR and KO using **Air Force Form 3065** (attached). Progress Reports shall track the CONTRACTOR's progress in relation to the approved Progress Schedule as well as assist in computing partial payments.

1.5.6. Provide a list of names of all contracted personnel performing work on base to the COR using the **Base Pass Information Required for Contractors** template (attached) at least 72 hours prior to base access requirement. Coordinate with Contracting or Base Engineering Personnel for required documentation. Be prepared to submit copies of Driver's License for all personnel requiring access in addition to DBIDS requests.

1.5.7. Submit **SDS** (Safety Data Sheet) for all chemical materials to be used for this SOW, to be included with the AF 3000 form for material submittals. Upon approval from the COR, store materials in accordance with Occupational Safety and Health Administration (OSHA) requirements. Provide the Organization **Hazardous Material Identification** (attached) **within 10 days of issuance of the Notice to Proceed (NTP), and updated prior to any new materials being brought onto the installation**. At the completion of the project, all unused hazardous materials must be removed from the installation by the CONTRACTOR. Submit the total amount of materials used for the project to the COR using the Transient Organization Hazardous Material Inventory Form.

1.5.8. Abide by the Federal acquisition program for Green Procurement as outlined in USEPA Comprehensive Procurement Guideline website. Provide a list of all recovered materials to the COR using **Recovered Materials Determination Form** & **Recovered Materials Procurement Determination** (attached) with the material submittals as outlined in 1.4.1 within 30 days of project completion.

1.6. PERMITS / CERTIFICATION

1.6.1. CONTRACTOR is responsible for obtaining all required base passes, dig permits, utility locates, and all other permits required to complete the work described in this SOW.

1.6.2. CONTRACTOR must submit and obtain an approved dig permit from **Ohio Utilities Protection Service** (OUPS) prior to start of any site work. Permit requests must be made 48 hours in advance by calling OUPS office at 1-800-362-2764. CONTRACTOR may request utility drawings from Base Engineering and Base Communications through the COR, to assist CONTRACTOR in locating underground utilities. COR must approve all dig permits, site excavation plan, and markings prior to start of any digging. If damage or injury occurs from digging without a dig permit the CONTRACTOR shall be responsible for all repairs at no additional cost to the government. CONTRACTOR shall keep copies of all approved dig permits on site at all times.

1.6.3. Submit a **Storm Water Pollution Prevention Plan** (SWPPP) for approval by Clark County Engineer (30-day review process) for greater than 1 acre of disturbed surface area. If SWPPP plan is submitted, also submit a **Notice of Intent** (NOI) to the Ohio Environmental Protection Agency (OEPA) 21 days prior to start of construction and receive the Director's Authorization before construction begins. Provide a copy of the NOI, Director's Authorization, SWPPP, and SWPPP inspections to Environmental Management Office (EMO).

1.6.4. Pull all required state boiler permits and arrange a State of Ohio boiler inspection at time of completion prior to Pre-Final Inspection. Include any work required to obtain approval from the state boiler inspector in the cost of this proposal.

1.6.5. Obtain any required Air Quality (EPA) permit from the Regional Air Pollution Control Agency (RAPCA) for Dayton, OH.

1.7. QUALITY ASSURANCE / QUALITY CONTROL

1.7.1. Supply appropriate supervision and QA/QC for each task of the project to ensure the workmanship and product reflect the SOW and drawings. This project is commercial grade and only commercial type equipment, and fixtures will be accepted. The KO or COR may periodically perform QA checks as deemed necessary at any time during the PoP. These checks do not relieve the CONTRACTOR of the obligations under this section to provide a complete and working product.

1.8. PERSONNEL / SECURITY REQUIREMENTS

1.8.1. Contractor will be required to either have experience in power controls installation/power plan installation, or acquire the means to get the experience through another entity like a subcontractor.

1.8.2. A full-time Superintendent must be appointed and present at all times during work specified in this SOW and Drawings. The superintendent will be

responsible for all onsite activities. Submit name(s) of Superintendent, and any identified alternates, to COR prior to issuance of NTP.

1.8.3. CONTRACTOR **IS** required to report this contract in the Contract Manpower Reporting Application.

1.8.4. The GOVERNMENT is not liable for any injury incurred by CONTRACTOR, CONTRACTOR personnel, or other persons while they are on site. CONTRACTOR shall take full responsibility for the safety of all personnel within the project site, to include base personnel.

1.8.5. Access and General Protection/Security Policy and Procedures. This standard language is for contractor employees with an area of performance within Government controlled installation, facility, or area. The contractor shall comply with all applicable installation/facility access and local security policies and procedures, which may be obtained from the Contracting Officer's Representative (COR). The contractor shall also provide all information required for background checks to meet installation access requirements to be accomplished by the local installation's Security Forces, Director of Emergency Services or local Security Office. The contractor shall ensure compliance with all personal identity verification requirements as directed by DoD, HAF and/or local policy. Should the Force Protection Condition (FPCON) change, the Government may require changes in contractor security matters or processes.

1.8.6. For Contractors that do not require CAC, but require access to a DoD Facility and/or Installation. Contractor and all associated sub-contractors employees shall comply with adjudication standards and procedures using the National Crime Information Center Interstate Identification Index (NCIC-III) and Terrorist Screening Database (TSDB) (DODIO 2000.16V1_DAFI 31-145, DAFI 31-101 and DODM 5200.08v3_DAFMAN 31-101v3), applicable installation, facility and area commander installation/facility access and local security policies and procedures (provided by government representative), or, at OCONUS locations, in accordance with status of forces agreements and other theater regulations.

1.8.7. Antiterrorism Awareness Level I Training (AT Level I). This standard language is for contractor employees with an area of performance within a US Government controlled installation, facility or area. All contractor employees, to include subcontractor employees, requiring access to US Government installations, facilities and controlled access areas shall complete AT Level I training within 30 calendar days after contract start date or effective date of incorporation of this requirement into the contract, whichever is applicable. AT Level I may be accomplished by a Level I qualified instructor; completing the Force Protection computer-based training (CBT) course on Joint Knowledge Online (JKO) at https://jkodirect.jten.mil/Atlas2/page/login/Login.jsf. For those without a

CAC, select "Non-CAC" user on the JKO site. Tracking for each contractor or subcontractor employee is the responsibility of the COR or unit AT Representative.

1.8.8. For contracts that require an OPSEC Plan. The contractor shall develop an OPSEC Plan and provide it to the COR or KO within 30 calendar days of contract award to be reviewed and approved by the responsible Government OPSEC officer, per AFI 10-701, Operations Security. This Plan shall include the government's critical information, why it needs to be protected, where it is located, who is responsible for it, and how to protect it. For the contractor to effectively comply with OPSEC provisions of the contract, the organization will provide the following guidance: (1) Organization's Critical Information; (2) Adversaries' collection threat information as it applies to the organization's mission and the contract; (3) Operations Security guidance; and (4) Specific OPSEC measures the organization requires (as appropriate).

1.8.9. Requirement for OPSEC Training. In accordance with AFI 10-701, Operations Security, OPSEC PMs/SMO/SMNCOs/Coordinators will provide OPSEC training or training materials to contract employees within 30 days of employees' initial assignment to the contract and prior to having access to any critical information (CI) and annually thereafter. General organizational orientations may need to be supplemented by duty-related orientations in the work center targeted toward specific critical information and vulnerabilities associated with the work. Initial training (OPSE 1301 - OPSEC Fundamentals) located on the Defense Counterintelligence and Security Agency website: https://securityawareness.usalearning.gov/opsec/index.htm and the OPSEC Annual training- DAF-Operations Security Awareness Training located on MyLearning https://lms-jets.cce.af.mil/moodle/course/view.php?id=11654#section-1

1.8.10. For Information Assurance (IA) / Information Technology (IT) Training. All contractor employees and associated sub-contractor employees shall complete the DoD Information Assurance Awareness Cyber Awareness Challenge before issuance of network access and annually thereafter. All contractor employees performing services involving IA/IT functions shall comply with DoD and Air Force training requirements in DoDD 8140.01, DoD 8570.01-M and AFPD 33-2within 45 days of the start of contract performance.

1.8.11. For Information Assurance (IA) / Information Technology (IT) Certification. In accordance with DoD 8570.01-M, DFARS 252.239.7001 and AFM 33-282, Contractor employees performing services supporting IA/IT functions shall be appropriately certified upon contract award. The baseline

certification as stipulated in DoD 8570.01-M shall be completed upon contract award. Violations of these policies may result in termination of the contract. Compliance with security requirements shall not be a basis for failing to complete work in the required period of performance.

1.8.12. CONTRACTOR shall recover base passes upon job completion and return to Government within five (5) days of Final Inspection, if physical passes are provided.

1.9. ENVIROMENTAL AND SAFETY

1.9.1. CONTRACTOR is responsible for all costs incurred for clean-up, sampling analyses, and disposal of spill debris as a result of CONTRACTOR's actions. CONTRACTOR shall report all spills to the Environmental Management Office (EMO) immediately. If appropriate, cost incurred for clean-up by the 178 WG for CONTRACTOR'S actions will be reimbursed to the 178 WG from CONTRACTOR.

1.9.2. CONTRACTOR shall ensure that all personnel receive Environmental Management System (EMS) Awareness training and a copy of the Base Environmental Policy. A copy of the training can be obtained from the 178th Base EMO.

1.9.3. CONTRACTOR shall abide by the Asbestos Notification Requirements as outlined on the OH EPA website. This includes notification of the OH EPA upon the disturbance of more than 260 LF of piping, 160 SF on other facility components, or 35 CF of contaminated material.

1.9.4. CONTRACTOR shall abide by the OH EPA Green Procurement Program as outlined on the USEPA website.

1.9.5. CONTRACTOR shall stop work immediately and contact the 178th Base Environmental Management Office upon unearthing any historical or cultural artifacts during construction.

1.9.6. CONTRACTOR shall obtain all required permits and adhere to and abide by environmental requirements as stipulated by 178th Base EMO. This shall include but is not limited to the following forms:

1. **Transient Organization Hazardous Material Inventory**
2. **Post-Project Waste Diversion Report**
3. **Recovered Materials Procurement Determination Form**
4. **Recovered Materials Determination Form**

1.9.7. CONTRACTOR shall perform a jobsite cleanup each day and remove all debris and refuse from the site to the satisfaction of the COR. Unoccupied areas to be broom swept daily. Occupied areas shall be kept free of dust and debris at all times.

1.9.8. CONTRACTOR shall ensure that employees are supplied and use proper safety equipment (i.e. gloves, safety boots) described in OSHA, EM 385 & EM 304 and follow safe work procedures, which protect CONTRACTOR employees and personnel in the vicinity of the job site in accordance with all current OSHA requirements. CONTRACTOR shall assume any liability for any injury incurred by CONTRACTOR personnel while working on site.

1.9.9. CONTRACTOR shall maintain awareness to all NATIONAL DISASTER RESPONSES including Lightning Watch / Lightning Warning / Hazmat Release / Severe Thunderstorm / Tornado Watch / Tornado Warning and shall:

1. **Follow all Giant Voice Announcements as directed**
2. **Discontinue outside / inside work and seek shelter in designated shelter or building as directed**
3. **Follow directions from Shelter Manager or Senior Military Official**

1.9.10. In case of base emergency, CONTRACTOR shall dial 911 then alert Base Security (BDOC) at 937-327-2221.

2. CONTRACT REQUIREMENTS

2.1. GENERAL WORK DESCRIPTION (SYNOPSIS)

2.1.1. This project consists of constructing a basewide microgrid consisting of PV Solar Array, Battery Electric Storage System (BESS), and two Natural Gas Generators. This project will ensure energy resilience to 24/7 unmanned aircraft (MQ-9 Reaper) operations and intelligence missions and supporting facilities. The system will include meters interfacing with all distributed generation, paralleling transfer switches, building energy meters, primary isolation switch, and the base energy management system for performance tracking and verification. Perform additional related work as necessary. System installation will include all supporting structures and equipment required for a fully functioning micro-grid w/distributed generation.

2.1.2. **Project Intent:**

To provide a working microgrid consisting of PV Solar Array, Battery Electric Storage System (BESS), and two Natural Gas Generators that allows the base to fully island in the event an indefinite, long-term utility outage on a scale of weeks to months.

2.2. GOVERNMENT FURNISHED EQUIPMENT / PROPERTY

2.2.1. The GOVERNMENT shall provide basic/minimal documents describing the work required in this SOW. Drawings provided are to clearly identify known issues needing addressed. The CONTRACTOR shall be responsible to assess the job.

2.2.2. The GOVERNMENT shall provide the CONTRACTOR access to the site to include all areas of work described in this SOW.

2.2.3. The GOVERNMENT shall provide no other equipment, services, or property.

2.3. PERIOD OF PERFORMANCE

2.3.1. CONTRACTOR shall have a maximum of **450 calendar days** from the initial Notice to Proceed (NTP) to complete the project including any design and construction. Any changes or extensions to this time period need prior approval from the CONTRACTING OFFICER.

2.3.2. CONTRACTOR shall have access to the site from **7:00 am - 4:30 pm Monday - Friday**. CONTRACTOR will not have access to the site on Weekends and Government Holidays unless approved by COR prior.

2.4. COMPLETION

2.4.1. COR shall certify performance and final completion of this contract utilizing the **Contract Pre-Final/Final Inspection and Acceptance Report**.

2.4.2. CONTRACTOR shall restore any disturbed areas at the direction of the KO and the COR to include grading and reseeding to prior site condition.

2.4.3. CONTRACTOR shall schedule a Pre-Final Inspection with KO and COR **10 days prior** to end of Period of performance. Any Punch List items will be identified and recorded at this time.

2.4.4. CONTRACTOR shall schedule a Final Inspection with KO and COR upon completion of Punch List and **within the final 10 Days,** following the Pre-Final Inspection. This inspection will confirm that all Punch List items have been corrected. Upon completion of the Final Inspection the GOVERNMENT shall take over ownership of the project.

2.5. REQUIRED WARRANTIES

2.5.1. The CONTRACTOR shall provide a **1-year warranty** on all material, labor, installed equipment, and work performed in this SOW in addition to any manufacturer's warranties. Warranties shall be submitted using the submittal process within 30 days of project completion.

3. DETAILED DESCRIPTION OF WORK

3.1. <u>Construction and Safety Practice</u>

3.1.1. CONTRACTOR will be required to photograph/document the existing site conditions prior to beginning work for record. **Existing condition photos must be submitted** through the submittal process.

3.1.2. CONTRACTOR will be required to photograph/document progress throughout construction, Daily/Weekly depending on project duration. **Progress photos for this project must be submitted through the submittal process <u>Weekly</u>.**

3.1.3. CONTRACTOR shall ensure that safe construction practices are used in accordance with current OSHA standards, EPA (RAPCA) requirements and base requirements. The Contractor shall submit a site safety plan prior to start of project. The Contractor shall maintain a clean job site at all times with daily clean-up.

3.1.4. CONTRACTOR shall field verify all measurements prior to execution.

3.1.5. CONTRACTOR shall provide all labor, material, and equipment to complete job as indicated in this Statement of Work and Drawings.

3.1.6. CONTRACTOR shall abide by and ensure project compliance with the Interoperability Agreement with the base electricity provider (Ohio Edison). The CONTRACTOR shall communicate and coordinate with the utility as required. Any coordination or other action potentially impacting base operations as a result of actions pursuant compliance and verification/validation of the Interoperability Agreement shall also be coordinated with and approved by the KO and COR. See attachments for the utility Interoperability Agreement.

3.1.7. CONTRACTOR shall adhere to Ohio Building/Roofing Codes and Manufacturer installation requirements.

3.1.8. CONTRACTOR shall remove any demolished and discarded material from base property. Including all trash and excess material.

3.2. <u>Base Bid (NG Generators, Microgrid Controls, and General Work)</u>

3.2.1. The CONTRACTOR shall complete the Base scope of work for this project that includes installation of the two natural gas generators and microgrid controls and associated infrastructure, in accordance with the stamped Drawings and Specifications. The Base contract shall include all work not associated with either of the Bid Options below.

3.3. **Option 001 (PV Solar Array)**

3.3.1. If awarded, The CONTRACTOR shall complete the Bid Option 001 scope of work that includes installation of the solar PV array and associated infrastructure in accordance with the stamped Drawings and Specifications.

3.4. **Option 002 (BESS)**

3.4.1. If awarded, The CONTRACTOR shall complete the Bid Option 002 scope of work that includes installation of the Battery Energy Storage System and associated infrastructure in accordance with the stamped Drawings and Specifications.

3.5. **Base Facility Standards**

3.5.1. All finishes should follow the Base Facility Standards, if applicable. All finishes, and/or equivalents, will be approved through the material submittal process with COR approval. See attachments for Base Facility Standards.

3.5.2. CONTRACTOR shall be compliant with IT standards, if applicable, in paragraphs 1.3.6 and 1.3.7 of the present Statement of Work.

4. BID STRUCTURE

The CONTRACTOR shall submit bids that include individual prices for each item listed below, plus an aggregate total cost that includes all items (001-003) for ease of identification by the KO of the apparent low bid.

Item Number	Description	Quantity	Unit	Amount
0001	**Base Bid**	**1 JOB**	**Lump Sum**	**$_____**
0002	**Option 001 (PV Array)**	**1 JOB**	**Lump Sum**	**$_____**
0003	**Option 002 (BESS)**	**1 JOB**	**Lump Sum**	**$_____**

5. CONTACT INFORMATION

5.1. POINTS OF CONTACT

5.1.1. Technical Inspector: Mr. Nick Owens – nicholas.owens.2@us.af.mil
(937) 525-2589

5.1.2. Technical Inspector: Mr. Shane Ober – shane.ober.1@us.af.mil
(937) 327-2163

5.1.3. COR: Mr. Blake Melling – blake.melling.1@us.af.mil
(937) 327-2352

5.1.4. Contracting Specialist: TSgt Seth Taylor – seth.taylor.8@us.af.mil
(937) 327-2208

5.1.5. KO: Capt Carter Coleman – carter.coleman@us.af.mil
(937) 327-2379

5.1.6. Environmental Manager: Mr. Dylan Bunch – dylan.bunch.1@us.af.mil
(937) 327-2277

5.1.7. Real Property Manager: Mr. Jordan Deady – jordan.deady@us.af.mil
(937) 525-2586

5.1.8. Dig Permit: OUPS Reporting – 1-800-362-2764

6. ATTATCHMENTS

6.1. DRAWINGS
6.2. Specifications
6.3. Utility Interoperability Agreement
6.4. AF FORM 3000
6.5. AF FORM 3064
6.6. AF FORM 3065
6.7. Base Pass Information Required for Contractors
6.8. Transient Organization Hazardous Material Inventory
6.9. Construction & Demolition Debris Waste Diversion Worksheet
6.10. Recovered Materials Determination Form
6.11. Base Facility Standards