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Statement of Work

Title: 2750E HVAC Roof Top Unit Replacement

Revision Number: 1

Date: May, 2011

1.0 INTRODUCTION / BACKGROUND

The 2750E Office Building in the 200 East Area of the Hanford Site has a 35 year old heating, ventilation and air conditioning (HVAC) system made up of 11 roof top units (RTU). These RTUs have a multitude of non-functioning or poorly performing components resulting in poor air quality, occupant discomfort, inefficient energy use, reliability issues and increasing cost of operations. In order to provide a more comfortable work environment and increase the efficiency of the building, all 11 RTUs shall be replaced.

2.0 OBJECTIVE

The objective of this SOW is to have a Contractor specify, design, fabricate and deliver up to 11 RTUs that offer better performance, efficiency and reliability than those currently installed at the 2750E Office Building. The Contractor will also be required to provide technical guidance/oversight of the installation and testing of the RTUs. Removal and replacement of the RTUs shall be performed by the Buyer.

3.0 DESCRIPTION OF WORK – SPECIFIC

Task 1 – The Contractor shall specify and design appropriate replacement units that will directly replace the existing RTUs at the 2750E Office Building. The replacement units shall be complete package units incorporating filters, fans, DX cooling coils, condenser, electric heating coils, duct smoke detectors and integrated controllers. The Contractor shall prepare a design package (technical data sheet, drawings, etc) for the replacement RTUs and schedule for fabrication of 7 RTUs with an option for 4 additional RTUs and provide them to the Buyer or his/her designee.

Task 2 – The Contractor shall fabricate and deliver 7 RTUs that comply with the Buyer approved design documents, applicable codes, standards and stamped or labeled by an organization currently recognized by OSHA as a nationally recognized testing laboratory (NRTL). Delivery of the RTUs shall be per the delivery schedule specified in Section 7.1. In addition, the Contractor shall make available mounting details to facilitate preparation of curbing and anchorage of replacement RTUs by the Buyer.

Task 3 – The Contractor shall oversee installation of the RTUs and provide technical support of mechanical and electrical connections, startup, test operations [including acceptance test



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procedures (ATP)] and verification of airflows/air balance as requested by the Buyer or his/her designee.

Optional Task 4 – The Contractor shall complete Task 2 and Task 3 for 4 additional RTUs. The 4 additional RTUs shall be delivered per the schedule specified in Section 7.1 and paid for in Fiscal Year 2012.

4.0 REQUIREMENTS

For any work performed on the Hanford Site or any MSA controlled facility, the provisions of the On Site Services Provisions, SP-5, will apply to Contractor personnel.

4.1 Engineering Requirements

The existing RTUs are Carrier Model 50ME016620YF units, 15 ton capacity with 8 modules. Replacement RTUs shall be equivalent to the existing RTUs as described in the drawings identified below with the following exceptions:

- Night Setback feature will not be required.
- Master control panel will not be used; integrated control panels shall be provided with each RTU.
- Each RTU shall be equipped with a master disconnect that is integrated into the unit.

REFERENCE DRAWINGS

	Number	Title
1.	H-2-38901, Rev. 5	Electrical One Line Diagram and Details
2.	H-2-38912, Rev. 3	HVAC First Floor Plan
3.	H-2-38913, Rev. 3	HVAC Second Floor Plan
4.	H-2-38914, Rev. 1	HVAC Partial Plans & Sections
5.	H-2-38915, Rev. 2	HVAC Air Flow Diagram & Schedule
6.	H-2-70618, Rev. 2	HVAC Floor Plans
7.	H-2-70652, Rev. 2	HVAC-Floor Plans Sections – Sched
8.	H-2-78360, Rev. 0	HVAC/Electrical Plan & Sections



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All lifting attachments shall be in compliance with ASME B30.26. The Contractor shall provide hoisting directions, gross weight (marked on unit) of the RTUs and load test documentation with each RTU.

APPLICABLE ENGINEERING CODES AND STANDARDS

	Number	Title
1.	IBC 2009	International Building Code
2.	NFPA 70 (NEC)	Electrical Components (Must be UL listed)
3.	IMC	International Mechanical Code (Fabrication and Installation)
4.	NEMA (ICS 6)	National Electrical Manufacturers Association (Industrial Control and Systems Enclosures)
5.	WAC (Title 296 Chapter 46B)	Washington Administrative Code (Electrical Safety Standards, Administration, and Installation)
6.	RCW (Title 19 Chapter 28)	Revised Code of Washington (Electricians and Electrical Installations)
7.	ASME B30.26	American Society of Mechanical Engineers (Rigging Hardware)

4.2 ES&H Requirements

The Contractor shall perform work safely, in a manner that ensures adequate protection for employees, the public, and the environment, and shall be accountable for the safe performance of work. The Contractor shall comply with, and assist the Contract Specialist in complying with Environmental, Safety, Health, and Quality (ESH&Q) requirements of all applicable laws, regulations and directives.

The Contractor shall exercise a degree of care commensurate with the work and the associated hazards. The Contractor shall ensure that management of ES&H functions and activities is an integral and visible part of the Subcontractor's work planning and execution processes. As a minimum, the Contractor shall:

- Thoroughly review the defined scope of work;
- Identify hazards and ES&H requirements;
- Analyze hazards and implement controls;
- Perform work within controls; and
- Provide feedback on adequacy of controls and continue to improve safety management

The Contractor shall flow down ESH&Q requirements to the lowest tier Subcontractor performing work on the Hanford site commensurate with the risk and complexity of the work.



APPLICABLE ES&H REQUIREMENTS

	Number	Title
1.	DOE-0336	Hanford Site Lock Out/Tag Out
2.	DOE-0343	Stop Work
3.	DOE-RL-92-36	Hanford Site Hoisting and Rigging Manual
4.	MSC-PRAC-30482	Scaffolding
5.	MSC-PRAC-30484	Material Handling and Storage
6.	MSC-PRO-43284	Fall Protection
7.	MSC-PRAC-30463	Subcontractor Safety Performance Program
8.	MSC-PRO-48065	Contractor Safety Processes

4.3 Quality Assurance Requirements

The Contractor shall be responsible for performing quality workmanship and shall conduct the quality control measures necessary to ensure work conforms to requirements.

When subcontracting any portion of this Contract Order, the Contractor is required to invoke the applicable quality assurance program requirements on the subcontractor.

The Buyer reserves the right to verify the quality of work at the Contractor's facility, including any subcontractor's facility. Access to a subcontractor's facility shall be requested through the Contractor and verification may be performed jointly with the Contractor.

The Contractor shall schedule a first article inspection for the Buyer at the Contractor's plant to demonstrate compliance with all Contract Order requirements. A comparable inspection shall be scheduled at production change points or for specified articles following major tooling, process, or design changes, or subsequent to evident quality degradation. For a first article inspection, the Contractor shall present or demonstrate the following to the Buyer as a minimum:

- Drawings, specifications, and other documentation used for manufacture, inspection, and test of the first article.
- Objective evidence of inspection acceptance of tooling, processes, and test equipment used to produce the first article.
- Objective evidence of the Supplier's inspection and acceptance of the first article.



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- Compliance with quality program requirements of this Contract Order.
- Other applicable documentation, data, demonstrations, tests, or evidence of conformance of the first article to requirements of this Contract Order.

The Contractor shall notify the Buyer at least five working days before the first article is available for inspection.

All items shall be identified with the part number/model number. Identification shall be on the item or the package containing the item. When the identification is on the item, such marking shall not impair the service of the item or violate dimensional, chemical, or physical requirements.

The Supplier shall submit a legible copy of the product data sheet (e.g., drawing, catalog page, brochure) that provides adequate information to enable the Buyer to verify the form and function of the articles procured.

One copy of the documentation, unless otherwise specified, shall accompany the applicable item(s) shipped.

Notwithstanding any other provisions of this agreement, the Supplier warrants that all items provided to the Contractor shall be genuine, new and unused unless otherwise specified in writing by the Contractor. Supplier further warrants that all items used by the Supplier during the performance of work for the Hanford Site, include all genuine, original, and new components, or are otherwise suitable for the intended purpose. Furthermore, the Supplier shall indemnify the Contractor, its agents, and third parties for any financial loss, injury, or property damage resulting directly or indirectly from material, components, or parts that are not genuine, original, and unused, or not otherwise suitable for the intended purpose. This includes, but is not limited to, materials that are defective, suspect, or counterfeit; materials that have been provided under false pretenses; and materials or items that are materially altered, damaged, deteriorated, degraded, or result in product failure.

Types of material, parts, and components known to have been misrepresented include (but are not limited to) fasteners; hoisting, shackles, turnbuckles, cable clamps, wire rope, rigging, and lifting equipment; cranes; hoists; valves; pipe and fittings; electrical equipment and devices; plate, bar, shapes, channel members, and other heat treated materials and structural items; welding rod and electrodes; and computer memory modules. The Supplier's warranty also extends to labels and/or trademarks or logos affixed, or designed to be affixed, to items supplied or delivered to the Contractor. In addition, because falsification of information or documentation may constitute criminal conduct, the Contractor may reject and retain such information or items, at no cost, and identify, segregate, and report such information or activities to cognizant Department of Energy officials.



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Supplier shall provide a written statement that “all items furnished under this Contract Order are genuine (I.e., not counterfeit) and match the quality, test reports, markings and/or fitness for use required by the Contract Order.”

The statement shall be on supplier letterhead and signed by an authorized agent of the supplier.

Any materials furnished as part of this Contract Order which have been previously found to be suspect/counterfeit by the Department of Energy shall not be accepted. For further information on suspect/counterfeit items, reference the Department of Energy (DOE) Guide DOE G 414.1-3.

DOE Guide web address, <http://www.directives.doe.gov/pdfs/doe/doetext/neword/414/g4141-3.pdf>

4.4 Government Property

Not applicable

5.0 PERSONNEL REQUIREMENTS

5.1 Training and Qualifications

Training:

Contractor shall ensure that its personnel meet and maintain the appropriate training, qualification and certification requirements. The following types of training qualifications are required:

Required Qualifications:

Personnel performing electrical work shall have certificates of competence required by RCW 19.28.161 and WAC 296-46B-940.

5.2 Security and Badging Requirements

For any on site work, see Special Provisions – On Site Services SP-5 for details.

Contractor employees will be required to submit to vehicle searches and not personally carry or transport certain prohibited articles.

5.3 Work Location / Potential Access Requirements

The bulk of this work will be completed at the Contractor’s own facility. A site visit is expected for a walk down of the RTUs by the Contractor. The 2750E Office Building is located in the 200 East Area on the Hanford Site located approximately 30 miles north of Richland, Washington.



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5.4 Site Access and Work Hours

The Hanford Site operates on the standard 8/9's schedule. The standard work day shall consist of nine (9) hours of work between 7:00 AM and 4:30 PM with one-half hour designated as an unpaid period for lunch. An eight (8) hour work day is substituted on alternate working Fridays, and no work occurs on the alternate non-working Friday.

Installation of the RTUs will be performed on the weekends and other nonworking days (Friday's off and possibly Holidays), due to the fact that the HVAC system will be disabled during installation activities.

6.0 MEETINGS / SUBMITTAL

Subcontractor shall participate in all meetings as required by the Buyer's Technical Representative (BTR).

7.0 DELIVERABLES AND PERFORMANCE SCHEDULE REQUIREMENTS

7.1 Deliverables

The Contractor shall provide the following deliverables by the dates identified:

Task 1 – Provide design package (data sheet, drawings, etc.) and fabrication/delivery schedule for initial 7 RTUs, and if applicable Optional 4 RTUs, within 10 days of award.

Task 2 – Deliver first 2 RTUs on August 4, 2011 and the remaining RTUs in pairs every other following Thursday (i.e., August 18th, September 1nd, and 1 RTU on September 15th). An operation and maintenance manual that includes a parts list and ATP shall be provided with each unit. The Contractor shall provide a warranty for the RTUs against defects and mechanical or electrical failure/breakdown.

Task 3 – Contractor shall provide technical support for installation, connection and startup/testing of RTUs over the weekends the RTUs are delivered.

Optional Task 4 – Delivery of 4 additional RTUs and technical support starting with 2 RTUs on September 29, 2011 and final 2 RTUs on October 13, 2011.

Acceptance of the RTUs will be based on the following:

- RTUs have been inspected and stamped or labeled by an organization currently recognized by OSHA as an NRTL.
- RTUs mounted and connected in accordance with manufacturer's instructions with no leaks.



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- Fan, damper and compressor respond correctly to control inputs.
- RTUs respond correctly to thermostat inputs in both heat and cool modes.
- Heating and cooling discharge temperatures are consistent with manufacturer's specifications.
- Refrigerant, oil and compressor amperage are consistent with manufacturer's specifications.

7.2 Schedule

Start Date: Award

Completion Date: September 18, 2011

Optional Work Completion Date: October 16, 2011

8.0 SPECIAL REQUIREMENTS

8.1 Electrical Components

- Unless otherwise approved by MSA, all electrical control panels and electrical equipment [a general term including material, fittings, devices, appliances, luminaries (fixtures), apparatus, and the like, used as a part of, or in connection with, an electrical installation] delivered or brought onto the site in performance of this subcontract must be listed or labeled by an organization currently recognized by OSHA as an NRTL.
- All electrical equipment installed as part of this Contract must comply with the National Electric Code (NEC), NFPA 70 and where applicable ANSI/IEEE C2 (NESC). The Buyer will inspect electrical equipment and installations for NEC compliance. The Contractor is responsible for notifying the Buyer when installations are available for inspection.
- Electric motors shall be labeled to be in accordance with NEMA MG-1 or listed by an organization currently recognized by OSHA as an NRTL. Documentation of NEMA MG-1 compliance shall be made available to the Buyer upon request.
- Electrical equipment and devices for which there is a UL category code identifying product categories must be Listed or Labeled by an OSHA recognized NRTL.
 1. The Canadian Standard Association (CSA) marking is currently recognized by OSHA as an NRTL when the label includes "US" or "NRTL" subscript.



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2. The European Union “CE” marking, Directive 93/68EEC, is not currently recognized by OSHA as an NRTL marking.
3. The International Electrotechnical Commission (IEC) Standard 60529 for enclosures, (IPxx), is not currently recognized by OSHA as an NRTL label.

Note: for a list of approved NRTLs, see <http://www.osha.gov/dts/otpca/nrtl/>

- Electrical equipment for which there is no listing category must be evaluated or tested using a method submitted to and approved by the Buyer prior to delivery of the equipment. A Field Evaluation performed by an NRTL prior to delivery is the preferred method for buyer approval.
- Electrical equipment is also subject to the “Counterfeit Suspect Item Program.”

8.2 Fasteners

The provisions stated below are the minimum Department of Energy requirements for high strength graded fasteners produced in compliance with national consensus standards (e.g., SAE, ASTM and ASME).

1. Fasteners shall exhibit grade marks and manufacturer's identification symbols (headmarks) as required in the specifications referenced in the Contract Order.
2. Any fasteners supplied with headmarks matching those displayed on the attached Suspect/Counterfeit Fastener Headmark list, or facsimiles thereof, shall be deemed to be unacceptable under the terms of this Contract Order.
[Suspect Bolt Head Marking Card](#)
[Suspect Stainless Steel Fastener Headmark List](#)
3. When requested by the Buyer, the Supplier shall provide a legible and reproducible copy of the manufacturer's Certified Material Test Reports (CMTR). These CMTRs shall report the values of the actual chemical and physical tests performed on the represented fastener lot/material heat. Fastener packaging/labeling shall be traceable by lot number or other positive means to the CMTRs.
4. Fasteners shall be inspected to verify compliance with the Contract Order requirements. Additionally, fasteners may also be subjected to destructive testing.
5. When requested by the Buyer, the Supplier shall provide a Certificate of Conformance which must certify conformance and traceability of supplied materials to the subject Contract Order. The document must be legible and reproducible.

8.3 Submittals



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The Contractor shall submit, with or prior to item shipment, a recommended spare parts list. The list shall provide the name and address of the original supplier of the replacement part, and the part's drawings, specification, or catalog identity including applicable change or revision information.

A material safety data sheet (MSDS) shall be provided to the Buyer for materials provided with the RTUs (e.g., Freon and oil) with or prior to shipment of the RTUs.

The Contractor shall prepare and provide for approval a shipping plan prior to the first shipment.

Contractor submittals required by this Contract shall be provided in accordance with the following:

- All submittals shall be submitted to the Contract Specialist in accordance with the instructions contained in the Attachment A, Submittal Register.
- The Contractor submittals identified herein and summarized on the Submittal Register shall be submitted by the Contractor using the [Contractor Document Submittal Form \(CDSF\)](#)
- See <http://www.hanford.gov/pmm/page.cfm/ContractorForms>)
- Contractor information shall be submitted in either hard copy or electronic format (If electronic, it must be viewable using either Microsoft® Windows®, Microsoft® Office, or Adobe® Acrobat® software).

8.4 Inspection and Test Reports

The Contractor shall submit legible, reproducible copies of Inspection/Test Reports. The report(s) shall include the following:

1. Identification of the applicable inspection and/or test procedure utilized.
2. Resulting data for all characteristics evaluated, as required by the governing inspection/test procedure.
3. Traceability to the item inspected/tested, (i.e., serial number, part number, lot number, etc.).
4. Signature of the Contractor's authorized representative or agency which performed the inspections/tests.

One copy of the documentation, unless otherwise specified, shall accompany the applicable item(s) shipped.



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8.5 Certificate for Conformance

The Contractor shall provide a legible/reproducible Certification of Conformance (COC). Contractor's authorized representative responsible for quality shall sign the Certification of Conformance. This Certification of Conformance shall, as a minimum:

- Identify the appropriate Contract Order number under which the material, equipment, item or service is being supplied.
- Each Order/shipment shall include a COC unique to that shipment.
- The quantity of each Line Item shipped shall be identified on the COC.
- The COC shall identify the specific procurement requirements to be met by the purchased item or service. The procurement requirements identified shall include any approved changes, waivers, or deviations applicable to the item or service.
- The COC shall be signed or otherwise authenticated by a Contractor's representative.
- One copy of the documentation, unless otherwise specified, shall accompany the applicable item shipped. For subsequent shipments on this Contract Order, reference may be made to documentation provided with earlier shipments, instead of duplicating such documentation.

8.6 Configuration Management

The Contractor shall mark up a copy of the applicable reference drawings (red line) as appropriate to reflect the any changes resulting from installation of the new RTUs and provide to the Buyer or his/her designee. Design Analysis documentation shall include (1) through (6) below:

1. Definition of the objective of the analysis;
2. Definition of analysis inputs and their sources;
3. Results of literature searches or other applicable background data;
4. Identification of assumptions and indication of those that must be verified as the design proceeds;
5. Identification of any computer calculation including computer type, computer program (e.g., name), revision identification, inputs, outputs, evidence of or reference to computer program verification and the bases (or reference thereto) supporting application of the computer program to the specific physical problem;



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6. Review and approval.

8.7 Reporting Administration

Meetings

General purpose of meetings is for the coordination, control, and direction of the Work. In addition to meetings addressed by this Section, Contractor may be required by other Sections and other Subcontract documents to conduct special-purpose meetings and various safety meetings and briefings.

MSA will issue meeting notices and prepare an agenda and minutes for each meeting addressed in this Section. When applicable, minutes will identify action items, assigned actionees, and due dates.

- **KICKOFF MEETING** - Before start of the Work, MSA will conduct a conference at a time and Hanford Site location agreed to by Contractor and MSA. Invited attendees will include MSA, Contractor, key lower tier subcontractors and others having an interest in the Work. Purpose of the conference is the coordination of Work start up and familiarization of project participants with the Work and worksite.
- **PROGRESS MEETINGS** - Every two to four weeks, MSA will conduct a progress meeting at time and Hanford Site location determined by MSA. Invited attendees will include MSA, Contractor and key subcontractors. At the progress meeting, Contractor shall submit a written report showing actual man-hours expended versus planned and scheduled progress versus actual progress giving details of Work completed in relation to the approved schedule, together with a two (2) week "look ahead" which provides details of how the Work will be completed.
- **PRE-JOB SAFETY MEETINGS** – Prior to supporting or performing any work on the Hanford Site, all Contractor personnel involved shall attend the pre-job safety meeting.
- The purpose of the meetings is the exchange of Work-related information.

Reports

PROGRESS REPORT PREPARATION - Prepare a summary progress report each reporting period, show actual progress versus scheduled progress. Scheduled progress is given by baseline project schedule. Show actual progress in the form of percentages completed for activities or resources.

Schedule



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The Contractor shall develop a schedule in Microsoft Project or Primavera and provide it to the Contract Specialist within two weeks of award. The schedule shall be updated prior to each progress meeting or as requested by the Contract Specialist.



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ATTACHMENT A SUBMITTAL REGISTER

Submittal Register Definitions

1. Numerical submittal sequence number: Example: 1, 2, 3, 4 ... (or organized by topics and project assigned coding structure).
2. Number of Copies and electronic and/or hard copy: Example: E (Electronic only), 6 (Six Hard Copies), or Hard, 1: E, 1 (One Hard Copy, and Electronic).
3. Format: Describes the type of submittal required:

DWG	An AutoCAD drawing using the Hanford standard formatting (See HNF-14660 , <i>Off-Site Vendor Directions of the Preparation and Control of Engineering Drawings</i>).
MFC	Microsoft Format Compatible application (Word, Excel, Access, PowerPoint)
P3	A Primavera Project Planner schedule
GEN	General or Open Format/Media
PDF	Adobe Acrobat (Portable Document Format)

4. Submittal Type:

APW =	Approval Required Prior to Work (Buyer must approve the Subcontractor's submittal prior to the Subcontractor being authorized to proceed with any activity/work associated with the submittal).
AP =	Approval Required (Buyer must approve the Subcontractor's submittal; however, work associated with the submittal may proceed prior to Buyer approval).

5. **Vendor Information: Mark Yes if document(s) are VI, otherwise leave blank.**

6. Description / Document Title: Title or general description of the document.

7. Submittal Date: Actual date or number of Calendar Days before or after a milestone that a submittal is due from the Subcontractor: Example: June 1, 2005 or CD + 60 [60 days after Conceptual Design Complete]

A	Date of Award
CD	Conceptual Design Complete
PD	Preliminary Design Complete
FD	Final Design Complete



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M Mobilization
SC Start of Construction
EC End of Construction

8. Buyer Review Time (Work Days): Example: 3 Days
9. Subcontract Reference: Cross reference to the Subcontract requirement that defines this submittal: Example: SOW 3.1.2.



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Submittal Register:

The Subcontractor shall meet the required schedule and provide the documents specified in accordance with the following submittals.

Subcontract Number and Name:						Revision:		
1. No.	2. No. of Copies* (See End Note)	3. Format	4. Type	5. Vendor Information – Mark Yes if VI, Otherwise Leave Blank	6. Description / Document Title	7. Submittal Date (Calendar Days)	8. Buyer Review Time (Work Days)	9. Subcontract Paragraph or Requirement Reference
1.	E	GEN	APW	Yes	Replacement RTU Design Package	A + 10	3 Days	SOW 3.0 & 7.1
2.	E	MFC/P3	AP		Fabrication & Delivery Schedule	A + 10	3 Days	SOW 3.0 & 7.1
3.	E	GEN	AP		Contractor's Electrical License with Certificate of Competence	A + 10	3 Days	SOW 5.1
4.	E	GEN	AP	Yes	Certificate of Conformance / Equipment Certifications	Each Shipment	3 Days	SOW 8.5
5.	E	GEN	AP	Yes	Electrical Inspection / Test Reports	Each Shipment	3 Days	SOW 8.4
6.	E	GEN	AP	Yes	Operation / Maintenance Manuals	EC	3 Days	SOW 7.1
7.	E	GEN	AP	Yes	Warranty	EC	3 Days	SOW 7.1
8.	E	GEN	AP		MSDS	Each Shipment	3 Days	SOW 8.3



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Subcontract Number and Name:						Revision:		
1. No.	2. No. of Copies* (See End Note)	3. Format	4. Type	5. Vendor Information – Mark Yes if VI, Otherwise Leave Blank	6. Description / Document Title	7. Submittal Date (Calendar Days)	8. Buyer Review Time (Work Days)	9. Subcontract Paragraph or Requirement Reference
9.	E	GEN	AP	Yes	Mounting Details	FD	3 Days	SOW 3.0
10	E	GEN	APW		Acceptance Test Procedure	Shipment – 3	3 Days	SOW 3.0 & 7.1
11.	E	GEN	AP		Hoisting Directions	FD	3 Days	SOW 4.1
12.	E	GEN	AP	Yes	Load Test Report / Results	Shipment – 3	3 Days	SOW 4.1
13.	E	GEN	AP		Notification of 1 st Article	Shipment – 5	3 Days	SOW 4.3 & 8.1
14.	E	GEN	AP	Yes	Final Documentation Package	Shipment	3 Days	SOW 4.3
15.	E	GEN	AP	Yes	Genuine (Suspect / Counterfeit) Statement	Shipment	3 Days	SOW 4.3
16.	E	GEN	AP	Yes	Parts List	EC	3 Days	SOW 7.1 & 8.3
17.	E	GEN	AP		Shipping Plan	Shipment – 3	3 Days	SOW 8.3
18.	E	GEN	AP		Red Line Drawings	EC	3 Days	SOW 8.6



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*For electronic submittals, the number of hard copies can be negotiated with the Contract Specialist and approved by the Project Manager.