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ADDENDUM NO. 5

Date: September 14, 2026

ROSAMOND COMMUNITY SERVICES DISTRICT

ADMIN BUILDING STANDBY GENERATOR REPLACEMENT

3179 35th Street West, Rosamond, CA 93560

Project No. 12609, 22609

Item No. 1: The Technical Specification is being revised with the addition of the attached PDF document with the filename titled "S263613 Nonautomatic Transfer Switch "

Attachments:

- 1) Technical Specification, S263613 Nonautomatic Transfer Switch.pdf

The following Addenda were issued, modifying the Project Manual:

Addendum No. 1, issued on August 20, 2026.

Addendum No. 2, issued on August 24, 2026.

Addendum No. 3, issued on August 26, 2026.

Addendum No. 4, issued on September 10, 2026.

Addendum No. 5, issued on September 14, 2026.



Patrick Tsang, PE
Project Engineer

Contractor

Signature

Date

Name/Title

END OF DOCUMENT

SECTION 263613 NONAUTOMATIC TRANSFER SWITCH

PART 1 - GENERAL

1.01 DESCRIPTION

This section includes materials and installation of nonautomatic transfer switches.

1.02 RELATED WORK SPECIFIED ELSEWHERE

- A. General Electrical Requirements: 260500.

1.03 SUBMITTALS

- A. Submit shop drawings in accordance with the General Provisions.
- B. Submit manufacturer's descriptive data including ratings, dimensional data, sections, and elevations showing minimum clearances, conduit entry restrictions, wiring diagrams, schematics, manufacturer-installed and field-installed wiring, and a list of accessories.
- C. Submit certified reports of field tests and observations.
- D. Submit manufacturer's certificate of compliance to referenced standards and tested short-circuit closing and withstand ratings applicable to protective devices and current ratings used in this project, as indicated and as specified in this section.
- E. Submit Operations and Maintenance (O&M) data. Submit the operating sequence for manual mode. Provide factory settings of relays and provide relay setting and calibration instructions.

1.04 QUALITY CONTROL

- A. Manufacturers' Qualifications: Firms shall provide evidence of experience in manufacturing equipment of the specified types and capacities, along with a proven record of successful in-service performance.
- B. Emergency Service: The Manufacturer shall maintain a service center capable of providing emergency maintenance and repair services at the Project site, with a maximum response time of four (4) hours.
- C. Materials, equipment, and devices shall conform to all applicable UL standard or other Nationally Recognized Testing Laboratory (NTRL). Electrical components and accessories, installations shall be listed and labeled per NFPA 70.

PART 2 - MATERIALS

2.01 TRANSFER SWITCH

- A. Transfer switch/docking station shall be in a NEMA 4X, stainless steel enclosure as shown in the drawings. Transfer switch shall have number of poles, amperage, and voltage ratings as shown in the drawings. Withstand current rating shall not be less than 35,000-ampere rms symmetrical.
- B. Enclosure shall comply with the following requirements:
 - 1. Provide a padlockable front door with a hinged access plate at the bottom for entry of temporary cabling. The access plate shall prevent unauthorized access or tampering while the equipment is in use.
 - 2. Maintain NEMA 4X integrity while temporary cabling is connected and the equipment is in operation
 - 3. Provide front and side access for maintenance.
 - 4. Provide top, side, and bottom access for permanent cable connections
- C. Docking Station shall have the following requirements or equal:
 - 1. Trystar: Dual purpose docking station.
 - 2. Trystar Model No.: TMTS-1-04-5-W-F-G-H-L-N-W
 - 3. Trystar One-Line Code: TMTS-1
- D. TMTS-1 Docking Station shall include the following requirements or equal:
 - 1. MTS shall be nonautomatic and manually operated.
 - 2. MTS shall have three positions:
 - a. Utility/Permanent Generator.
 - b. Off.
 - c. Portable Generator.
- E. Busbars and Connections:
 - 1. Phase, neutral, and grounding busbars shall be silver-plated copper.
 - 2. Equipment grounding bus shall be bonded to the enclosure.

3. Isolated grounding bus, where provided, shall be electrically insulated from the enclosure.
 4. Equipment grounding bus shall be rated at 100 percent of the phase bus ampacity.
 5. Neutral bus shall be rated at 100 percent of the phase bus ampacity.
- F. Temporary generator connections (Cam-Lok style, factory mounted on a gland plate) requirements:
1. Cam-Lok connectors shall be 16 Series.
 2. Cam-Lok connectors shall be color-coded in accordance with system voltage requirements.
 3. Cam-Lok connections shall be busbar-style connections. Cable connections and double-set-screw connections shall not be acceptable.
 4. Cam-Lok connections shall be protected against accidental contact when not in use
- G. Equipment grounding bus shall be bonded to the enclosure Transfer switch shall be listed per UL 1008 as a recognized component for emergency systems and rated for all classes of loads.
- H. Transfer switch shall be nonautomatic, manual operation.
- I. Docking Station shall have the following requirements or equal:
1. Trystar: Dual purpose docking station.
 2. Trystar Model No.: TMTS-1-04-5-W-F-G-H-L-N-W
 3. Trystar One-Line Code: TMTS-1

2.02 ACCESSORIES

- A. Pilot lights to indicate source to which the load is connected.
- B. Pilot light to indicate presence of permanent generator.
- C. Auxiliary contacts for remote indication of switch position, one normally open and one normally closed contact for permanent generator and portable generator.
- D. Provide SCADA terminal port.
- E. Provide strip heater and thermostat.

- F. Provide all accessories required for a complete and operational docking station, whether specifically indicated or not.

2.03 SOURCE QUALITY CONTROL

- A. Factory test components, assembled switches, and associated equipment to ensure proper operation. Check transfer time and voltage, frequency, and time-delay settings for conformance with specified requirements. Perform dielectric strength test conforming to NEMA ICS 1.

2.04 MANUFACTURER

- A. Trystar.
- B. ASCO
- C. TESCO
- D. Russelectric, Inc.

PART 3 - EXECUTION

3.01 INSTALLATION

- A. Wall mounting of Transfer Switch and Docking Station:
 - 1. Install the transfer switch on Unistrut supports in accordance with the manufacturer's written recommendations.
 - 2. Provide mounting arrangement and details in accordance with the Contract Drawings.
 - 3. Install Generator Docking Station as surface-mounted, flush-mounted, wall-mounted, or base-mounted, as indicated on the Drawings and as required by the application.
 - 4. Install anchor bolts and other mounting hardware at the required elevations and locations for proper attachment and support of the Generator Docking Station.
 - 5. Comply with identification requirements specified in Division 26 Section, "General Electrical Requirements".
 - 6. Tighten factory-made and field-made electrical connections, including connectors, terminals, screws, and bolts, in accordance with the equipment manufacturer's published torque values.

7. Where manufacturer's torque requirements are not indicated, tighten connectors and terminals in accordance with UL 486A.
8. Identify field-installed conductors, interconnecting wiring, and components. Provide warning signs as required.
9. Label each enclosure with an engraved metal or laminated-plastic nameplate

Install the transfer switch on a Unistrut per manufacturer's recommendations and per drawings.

B. Factory Commissioning:

1. Upon completion of installation of the MTS, commission of the Generator Docking Station will be by the manufacturer's factory-authorized technician.
2. Scope of Work shall include the following:
 - a. Review and verify the installation of all Generator Docking Station components and verify correct electrical power flow in accordance with the approved one-line drawings.
 - b. Provide factory training for on-site personnel on the proper connection and operation of the Generator Docking Station with a portable generator.
 - c. Upon completion of commissioning, provide a written commissioning report to the Electrical Contractor and Engineer documenting the completion of the Work.
 - d. Correct or address issues identified during startup as follows:
 - (1) Warranty-related issues determined to be the responsibility of the Manufacturer shall be covered under the Manufacturer's warranty.
 - (2) Issues determined to be within the scope and responsibility of the Electrical Installing Contractor shall be corrected by the Electrical Installing Contractor.

- C. Upon successful completion of commissioning, provide a complimentary 12-month warranty extension in addition to the standard 12-month manufacturer's warranty, where offered by the specified Manufacturer.

3.02 GROUNDING

- A. Make equipment grounding connections for the transfer switch and Generator Docking Station as indicated on the Drawings and as required by the NEC.

3.03 FIELD QUALITY CONTROL

- A. Provide the services of the Supplier's or Manufacturer's qualified field technician at the Project site for the minimum number of man-days specified herein, excluding travel time, during plant construction, startup, testing, commissioning, and training of OWNER'S personnel.
- B. Provide a minimum of one-half man-day for instructional services.
- C. Supplier or Manufacturer shall provide services related to specific system and equipment operation, maintenance, field testing, commissioning, and troubleshooting. Refer to Section 01600 for additional requirements.

3.04 TESTING

- A. Perform electrical tests as recommended by the Manufacturer.
- B. Provide the owner and engineer a minimum of 7 days' advance notice before conducting field tests. Perform field tests in the presence of owner and engineer.
- C. Perform operational tests and demonstrate proper interlocking, sequence of operation, and operational functions of each transfer switch a minimum of three times.
 - 1. Simulate loss of the normal/permanent power source to the Manual Transfer Switch (MTS) and verify proper operation with the temporary generator source available.
 - 2. Verify proper operation of the MTS with the normal/permanent source available and the temporary/standby source unavailable.
 - 3. Verify proper operation of all mechanical and electrical interlocks.
 - 4. Verify proper operation and transfer sequence for each MTS position: Utility/Permanent Line, OFF, and Temporary Line.
 - 5. Verify that all equipment operates in accordance with the approved one-line diagrams, manufacturer's requirements, and Contract Documents.
- D. Test Reports:
 - 1. Maintain written records of inspections, observations, tests, and test results.
 - 2. Record applicable equipment settings, measured insulation resistance values, contact resistance values, and other test results.
 - 3. Provide a label or tag on each tested component indicating satisfactory completion of required tests.

END OF SECTION