

**STATEMENT OF WORK & SPECIFICATIONS  
FOR  
ELECTRICAL SWITCHES  
FOR  
RKMF 17-0145 – REPAIR CIRCUIT 1 SOUTH**

**SECTION 1 – DESCRIPTION OF SERVICES**

The Contractor shall provide all personnel, equipment, tools, materials, supervision, and other items necessary to fabricate and deliver the electrical switches for the below referenced project. The switches will be placed and installed by the 820th RED HORSE Squadron at Nellis Air Force Base (AFB), Nevada.

**SECTION 2 – REQUIREMENTS**

2.1. The Contractor shall provide electrical switches, as detailed in SECTION 5:

*RKMF 17-0145 - Repair Circuit 1 South at Nellis AFB, Nevada*

2.2. The Contractor shall work with the 820th RED HORSE Squadron on final specifications of the switches so that they will meet the parameters listed in this statement of work (SOW). The switches shall comply with NELLIS AND CREECH AFB INSTALLATION FACILITIES STANDARDS (IFS) ELECTRICAL REQUIREMENTS. Any changes to the attached parameters must be identified and approved by the government before the Contractor delivers the switches to the government.

2.3. The Contractor shall submit proposed manufacturing and delivery timeline to the 820th RED HORSE Squadron.

2.4. The Contractor shall submit drawings of the switches for review by the 820th RED HORSE Squadron.

2.5. The Contractor shall provide a warranty of at least 1 year for all parts manufactured.

2.6. The Contractor shall obtain approval from the 820th RED HORSE Squadron before manufacturing any switches.

**SECTION 3 – DELIVERY SCHEDULE AND PERIOD OF PERFORMANCE**

3.1. The complete set of switches shall be delivered to 5179 Malmstrom Ave Bldg 10123, Nellis AFB, NV 89191.

3.2. The delivery shall include a bill of materials detailing all parts being delivered. Partial deliveries shall be clearly identified as partial and shall include a bill of materials indicating the parts being delivered and the parts remaining to be delivered.

## **SECTION 4 – INSPECTION AND ACCEPTANCE**

4.1. The 820th RED HORSE Squadron shall verify the quality of parts and match the quantity using the inventory list provided by the Contractor with their proposal. Both the government representative and the Contractor's representative will sign the inventory and keep a copy for their records.

4.2. The 820th RED HORSE Squadron shall inspect the switches at delivery. Any components found unsatisfactory shall be replaced by the Contractor at the Contractor's expense.

## **SECTION 5 – DESIGN PARAMETERS**

5.1. Below outlines the list of switches that the 820th RED HORSE Squadron requires.

*RKMF 17-0145 - Repair Circuit 1 South at Nellis AFB, Nevada*

1. S1-260

**4-way switch 2-600A mains, 2-200A laterals Cooper Style 9**

- A. **600A Main**
- B. **600A Main**
- C. **200A Vacuum Fault Interrupter (VFI)**
- D. **200A VFI**

2. S1-265

**4-way switch 2-600A mains, 2-200A laterals Cooper Style 9**

- A. **600A Main**
- B. **600A Main**
- C. **200A VFI**
- D. **200A VFI**

3. S1-270

**4-way switch 2-600A mains, 2-600A laterals Cooper Style 9**

- A. **600A Main**
- B. **600A Main**
- C. **600A VFI**
- D. **600A VFI**

4. S1-280

**4-way switch 2-600A mains, 2-200A laterals Cooper Style 9**

- A. **600A Main**
- B. **600A Main**
- C. **200A VFI**
- D. **200A VFI**

5. S1-285

**4-way switch 2-600A mains, 2-200A laterals Cooper Style 9**  
**Constructed with 304 Stainless Steel**

- A. **600A Main**
- B. **600A Main**
- C. **200A VFI**
- D. **200A VFI**

6. S1-240

**5-way switch 3-600A mains, 2-600A laterals Cooper Style 5W3**  
**Constructed with 304 Stainless Steel**

**If 5W3 is unavailable, use 6W3 3-600A mains, 3-600A laterals.**

- A. **600A Main1**
- B. **600A Main2**
- C. **600A Main3**
- D. **600A VFI1**
- E. **600A VFI2**

7. S4-225

**6way switch 3-600A mains, 3-200A laterals Cooper Style 6W3**

- A. **600A Main1**
- B. **600A Main2**
- C. **600A Main3**
- D. **200A VFI1**
- E. **200A VFI2**
- F. **200A VFI3**