

**Single Source Justification (Simplified Acquisition)****Section A: General Contract Information**Is this a Bridge Action as defined in the [AF Bridge Action Reduction Plan](#)?☐ Yes☒ No

Contracting Activity: 934 AW CONF/PK

Project/Program Name: Switchgear Replacement, AMP, near B745

Purchase Request / Local ID Number: F5G8559121AW01

Estimated Contract Cost (including Options): [REDACTED]**Section B: Description of the Supplies/Services Required**

Purchase custom electrical switchgear manufactured by AMP manufacturing in Minneapolis Minnesota as a replacement to the currently installed electrical switchgear installed and located near B745.

ITEM 1: LOCATION NEAR B745

DESCRIPTION

15KV, 95KV BIL, Live-front, Air Insulated, Pad-mounted Switchgear with three (3) 3-pole 600 amp group operated auto-jet switches NON-Fused.

PSI/II-131-43300-B1-G2

B1 - Dual purpose switch barriers

G2 - Ground studs in each switch compartment

Also included:

1. (Qty. 2) Kirk Keys for the interlock sections 1 & 2 (top left and top right) of feed legs.
2. (Qty. 1) Custom AMP Filler plate to fit existing pad.
3. On-site pre-shipping quality inspection to be by a cognizant engineer and/or surrogate from 934th civil engineering. the duration of the quality inspection shall be no shorter than 1 hour(s), inspection will consist of no less than (Qty. 1) 934th civil engineering representative(s), and will include tour of facility.

Note: Replacement unit will be custom manufactured to match specifications of the original (custom) switchgear. No model or part number exists. vendor must perform a site visit to verify measurements and existing equipment important characteristics.

**Section C: Justification for Soliciting from a Single Source or Brand Name**

BRAND NAME

The original high voltage switchgear units installed base-wide in 1989 were manufactured by Van Tran. In 2017, one of these units failed. When performing market research to replace this unit, it was discovered that Van Tran no longer supports this type of product. Under urgent and compelling need, AMP was able to custom build a unit that matched up with the existing transition/adaptor housing and met the electrical design specifications of the original switchgear and the failed unit was replaced with an AMP switchgear. Two more switchgear units are now failing and the remaining legacy pieces have exceeded their 25-year life expectancy. The switchgear to be purchased on this Brand Name SSJ is one of these aforementioned failing units.

It is extremely important that as more legacy switchgear is replaced, we standardize with the same manufacturer. Standardization allows maintenance personnel to become highly familiar with the nuances of that equipment. This familiarity promotes safety and reduces chance for errors, which is the first order of business when working around high voltage circuits.

It is also more cost effective to train our employees on one type of switchgear, rather than sending them to multiple schools or hiring several contractors to provide training for many different types.

As units are replaced, it will be more efficient to maintain a database of specifications and parts stock for only one manufacturer.

**Single Source Justification (Simplified Acquisition)****Section D: Efforts to Obtain Competition**

Market research indicated the proposed Pad Mount Switchgear requires custom built specification per location, which requires vendors to perform site visits. When the failed switchgear was replaced in 2017, two custom manufacturers were identified, AMP and States Electric. Bids were received from both manufacturers and while both bids were technically acceptable, the AMP bid was lower priced.


Market research indicates there are more than one resellers/vendors that can supply AMP products, but it is imperative that suppliers perform a site visit when generating bids to verify existing equipment and measurements.

**Section E: Steps to Preclude Future Single Source or Brand Name Awards**

While it is encouraged to use whatever reseller that can supply this switchgear at the best value, the need to promote safety and efficiency through standardization of equipment requires that AMP Inc. be the manufacturer of this type switchgear.

**Section F: Contracting Officer's Determination**

I have determined, in accordance with [FAR 13.106-1\(b\)\(1\)](#), that the circumstances of this contract action deem only a single source is reasonably available.

Date	Typed Name and Rank/Grade of Contracting Officer	Signature of Contracting Officer
14-May-2019	Chin K. Dahlquist, GS11	DAHLQUIST.CHIN KUK.NMN.1136259993  Digitally signed by DAHLQUIST.CHIN KUK.NMN.1136259993 Date: 2019.05.14 15:21:06 -05'00'