

Walters, Vivian (RER)

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Cc: Johnson, Laurie (RER)
Subject: RQID1300162 - Purchase and Repair of Cables and Circuit Testers
Attachments: rqid1300162.pdf

Good Afternoon,

SBD is in the process of "**Reviewing and Analyzing**" the subject project for **SBE Measures**. There are a limited amount of firms certified in the required Commodity Code covering the applicable "**Scopes of Services**"; as such, before conducting a complete "**Verification of Availability**", I doing a cursory review.

Please review the attached document, the scope, equipment and all related products for this contract, and the associated requirements and respond as to your ability to meet the same...(based on the responses, a complete "**Verification**" will be conducted.

***FYI – you are not required to provide any pricing at this point (info is included as a FYI)

- *Are you interested?*

YES _____ NO _____

- *Are capable of meeting the scope and ALL requirements?*

YES _____ NO _____

- *Do you have prior experience consistent with these scopes?*

YES _____ NO _____

Regards,

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SECTION 3
TECHNICAL SPECIFICATIONS

**TITLE: Purchase And Repair Of Cables, Cable Heads And Circuit Testers For Aircraft 400 Hz
Ground Power System**

3.1 SCOPE OF WORK:

This contract is for purchase and repair of cables, cable heads and circuit testers for MDAD's Aircraft 400 Hz Ground Power System.

3.2 DESCRIPTION OF CABLES, CABLE HEADS, AND CIRCUIT TESTERS:

A. Multi-Conductor Banded Aircraft Assembly with female aircraft plugs on each end:

Cable assemblies shall be in accordance with MIL-C-7974D Specification. The 400 Hz Cable Assemblies shall consist of A, B, C Phase & N (Neutral) supply wires. Each lead shall consist of a single conductor MIL-C5756C cable. Phase A, B, C, & N shall be approximately 2/0 AWG. Control leads E & F shall also be per MIL-C-575C #12 AWG (2) conductors. Provide jumper wire between pins E & F in the plug. The plug shall be Anderson Power Products or approved equal, field attachable, MS25486-3/ (R67G36B). Each cable assembly shall be approximately 65 feet and 85 foot in lengths and banded together with stainless steel bands.

Lug Terminals for A, B, C	Phase shall be MS20659-120
Lug Terminals for N	Phase shall be MS20659-136
Lug Terminals E & F	Phase shall be MS20659-106

Lug terminals shall be attached to one end of the cable and plug attached to the other end. A ball stop is to be attached to the cable approximately 2 ½ feet behind plug. Some cables entire length should be protected with orange scuff cover.

The County may purchase 65', 85' or 100' cable assemblies.

B. Single Jacketed Aircraft Cable Assembly with female aircraft plugs on each end:

Cable assemblies shall be in accordance with MIL-C-7974D Specification. The 400 Hz Cable assemblies shall consist of A, B, C Phase & N (Neutral) supply wires. Phase A, B, C shall be approximately 1/0 AWG. Phase N (Neutral) shall consist of 3#6 AWG jumper wire between pins E & F in the plug. All wire shall be manufactured Anderson Power Products or approved equal, field attachable, R67G76B. Each cable assembly shall be approximately 65 feet and 85 foot in length as required.

Lug Terminals for A, B, C	Phase shall be MS20659-18B
Lug Terminals for N	Phase shall be MS20659-143
Lug Terminals for E & F	Phase shall be MS20659-106

Lug terminals shall be attached to one end of the cable and plug attached to the other end. Plugs should be yellow fluorescent in color.

The County may purchase 65', or 85' cable assemblies.

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- C. Cable Protective Cover
- D. R67G36EY Plug, Female AC 400 Hz
- E. R65G3E Plug, Female DC 28.5 VDC
- F. 400 Hz circuit testers.

3.4 REPAIR SERVICE:

The awarded Bidder shall provide repair services for cables and circuit testers. The cables and testers that require repair services will be shipped to the awarded Bidder's facility at the County's cost. Upon receipt of such items from the County, the awarded Bidder shall provide a written report of the problem with correction recommendation(s), and a detailed cost estimate within 14 calendar days of receipt of items. This written cost estimate shall be based on the hourly rate (Paragraph 3.5 below) of the awarded Bidder and shall include breakdown of material costs, delivery of repaired items to the County, and the number of days needed to repair the items for the County. Once the County reviews and approves the written estimate provided by the awarded Bidder, the repair services may commence.

3.5 HOURLY RATE FOR REPAIR SERVICES:

The hourly rate shall be deemed to provide full compensation to the awarded Bidder for labor, equipment used to repair (provided by awarded Bidder), travel time, and any other element of cost or price to repair cables and circuit testers.