

**Board Report**

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**File #:** 2018-0069, **File Type:** Contract**Agenda Number:** 29.

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**OPERATIONS, SAFETY AND CUSTOMER EXPERIENCE COMMITTEE  
JULY 19, 2018****SUBJECT: METRO RED LINE UNINTERRUPTIBLE POWER  
SUPPLY (UPS)****ACTION: AWARD CONTRACT****RECOMMENDATION**

AUTHORIZE the Chief Executive Officer to award a 60-month, indefinite delivery indefinite quantity Contract No. OP36847000 to Tristar Power Solutions LLC, the lowest responsive and responsible bidder for Metro Red Line (MRL) Uninterruptible Power Supplies for a total not to exceed amount of \$1,004,000 inclusive of sales tax and subject to resolution of protest(s), if any.

**ISSUE**

This procurement replaces old defective, unreliable Uninterruptible Power Supply (UPS) units on Metro Red Line (MRL) Segments 2 and 3 that have reached the end of their useful service life. The performance of these UPS's has become unreliable as these units are more than 18 years old. The Original Equipment Manufacturer has stopped providing spare parts to support maintenance of the obsolete units.

**DISCUSSION**

Three stations of MRL Segment 2 opened in 1996 and the other five stations were completed in 1999 while Segment 3 opened in 2000. In total, the Metro Red Line rail service has sixteen passenger stations and two (2) facilities underground. These two segments have twenty-five (25) Uninterruptible Power Supplies (UPS) in service requiring replacement. The operation of these UPS's is for critical Fire and Life Safety functions.

The UPS equipment must be available to provide Emergency Power for lighting and Communication Systems to support evacuation of patrons and employees when normal utility power to the underground passenger stations and facilities is lost. In addition, these UPS's provide back-up to Metro's underground fire alarm system.

The Diversity and Economic Opportunity Department (DEOD) did not recommend a Small Business Enterprise (SBE)/Disabled Veteran Business Enterprise (DVBE) goal for this solicitation. The prime would provide replacement of Uninterruptible Power Supply (UPS) parts, and ship to Metro. Metro

will be responsible for installation.

### **DETERMINATION OF SAFETY IMPACT**

The UPS is required for the proper functioning of critical emergency lighting for tunnels and passenger station evacuations. UPS's provide electrical power to operate Police and Metro radio and communication systems, Variable Message Signs and Supervisory Control and Data Acquisition systems (SCADA). UPS's are required for the control power to operate substation High Voltage Switchgears.

### **FINANCIAL IMPACT**

The total five year contract amount is \$1,004,000. FY18 funding of \$266,600 is included in cost center 3960, Traction Power under project 205106, MRL UPS/Battery Replacement. FY19 funding is \$833,000. The Life-of-Project Budget for CP 205106 is \$3,684,000 and inception-to-date there is \$13,019 in expenditures charged against this project.

Since this is a multi-year contract, the Senior Executive Officer, Maintenance and Engineering and cost center manager will ensure that the balance of funds are budgeted in future Fiscal Years.

#### Impact to Budget

The current source of funds for this procurement is Proposition C 40% Discretionary. This funding source maximizes the allowable fund use given approved funding provisions.

### **ALTERNATIVES CONSIDERED**

There are no suitable energy sources for the replacement of emergency UPS's to operate the critical emergency loads.

### **NEXT STEPS**

Upon Board approval, staff will execute Contract No. OP36847000 to Tristar Power Solutions LLC to provide Metro Red Line Uninterruptible Power Supplies, develop a schedule for the replacement of the UPS units at a rate of one unit every two (2) months, and select and form a construction crew dedicated to plan the replacement of the old defective unit with minimum or no disruption to critical system it supplies.

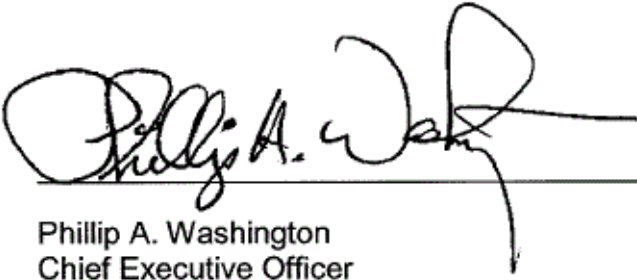
### **ATTACHMENTS**

Attachment A - Expenditure Plan  
Attachment B - Procurement Summary  
Attachment C - DEOD Summary

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Phillip A. Washington  
Chief Executive Officer

Expenditure Plan  
 CP 205106- Replacement of Uninterruptible Power Supplies  
 and Batteries on Metro Red Line

| CP 205106 Replacement of Uninterruptible Power Supplies and Batteries on Metro Red Line- LOP \$3,684,000 | Past ITD | Current FY 2018 | Future FY 2019 | Future FY 2020 | Future FY2021 | Future FY2022   | Total           |
|--|----------|-----------------|----------------|----------------|---------------|-----------------|-----------------|
| <b>Non-Labor Items:</b>  |          |                 |                |                |               |                 |                 |
| Materials & Supplies   | \$ -     | \$ 13,019.76    | \$ 10,000.00   | \$ 10,000.00   | \$ 10,000.00  | \$ 10,000.00    | \$ 53,019.76    |
| OP97901000-48045<br>Rigging Services   | \$ -     | \$ -            | \$ 130,000.00  | \$ 130,000.00  | \$ 130,000.00 | \$ 152,000.00   | \$ 542,000.00   |
| OP36847000<br>Uninterruptible Power Supply   | \$ -     | \$ -            | \$ 197,000.00  | \$ 284,920.00  | \$ 240,960.00 | \$ 281,120.00   | \$ 1,004,000.00 |
| PS46172000<br>Project Control  | \$ -     | \$ -            | \$ 6,000.00    | \$ 6,000.00    | \$ 6,000.00   | \$ 6,000.00     | \$ 24,000.00    |
| Batteries  | \$ -     | \$ -            | \$ 290,000.00  | \$ 290,000.00  | \$ 290,000.00 | \$ 335,000.00   | \$ 1,205,000.00 |
| <b>Labor:</b>  | \$ -     | \$ 5,980.24     | \$ 200,000.00  | \$ 200,000.00  | \$ 200,000.00 | \$ 250,000.00   | \$ 855,980.24   |
| Yearly Cash Flow   | \$ -     | \$ 19,000.00    | \$ 833,000.00  | \$ 920,920.00  | \$ 876,960.00 | \$ 1,034,120.00 | \$ 3,684,000.00 |

## PROCUREMENT SUMMARY

**METRO RED LINE UNINTERRUPTIBLE POWER SUPPLY (UPS)  
/ OP36847000**

|    |   |  |
|----|---|--|
| 1. | <b>Contract Number:</b> OP36847000  |  |
| 2. | <b>Recommended Vendor:</b> Tristar Power Solutions LLC  |  |
| 3. | <b>Type of Procurement (check one):</b> <input checked="" type="checkbox"/> IFB <input type="checkbox"/> RFP <input type="checkbox"/> RFP-A&E<br><input type="checkbox"/> Non-Competitive <input type="checkbox"/> Modification <input type="checkbox"/> Task Order |  |
| 4. | <b>Procurement Dates:</b>   |  |
|    | <b>A. Issued:</b> 10/09/17  |  |
|    | <b>B. Advertised/Publicized:</b> 10/08/17, 10/12/17   |  |
|    | <b>C. Pre-Bid Conference:</b> N/A   |  |
|    | <b>D. Bids Due:</b> 01/05/18  |  |
|    | <b>E. Pre-Qualification Completed:</b> 2/27/18  |  |
|    | <b>F. Conflict of Interest Form Submitted to Ethics:</b> 2/21/18  |  |
|    | <b>G. Protest Period End Date:</b> 6/20/18  |  |
| 5. | <b>Solicitations Picked up/Downloaded:</b> 39   | <b>Bids Received:</b> 4                    |
| 6. | <b>Contract Administrator:</b><br>Lorretta Norris   | <b>Telephone Number:</b><br>(213) 922-2632 |
| 7. | <b>Project Manager:</b><br>Winston Dixon  | <b>Telephone Number:</b><br>(213) 922-3323 |

**A. Procurement Background**

This Board Action is to approve Contract No. OP36847000 to provide Metro's Red Line stations with 25 uninterruptible power supply (UPS) units. Board approval of contract award is subject to resolution of any properly submitted protest(s).

Invitation for Bid (IFB) No. OP36847 was issued in accordance with Metro's Acquisition Policy and the contract is an indefinite delivery, indefinite quantity not-to-exceed.

Five amendments were issued during the solicitation phase of this IFB:

- Amendment No. 1 was issued on October 26, 2017, to insert the Metro Red Line route map.
- Amendment No. 2 was issued on November 14, 2017, to identify the contract type; to replace the Schedule of Quantities & Prices Form; to revise Q&A due date; and revise the bid due date.
- Amendment No. 3 was issued on November 20, 2017, to revise the technical spec.
- Amendment No. 4 was issued on December 1, 2017, to insert the Standard Operating Procedure (SOP) and identify SOW changes; revise the bid due date to January 5, 2018.
- Amendment No. 5 was issued on December 18, 2017, to revise Questions and Answers due date to December 22, 2017.

A total of four bids were received on January 5, 2018.

**B. Evaluation of Bids**

This procurement was conducted in accordance, and complies with Metro’s Acquisition Policy for a competitive sealed bid. The four bids received are listed below in alphabetical order:

1. Donovan Distributing
2. HSQ Technology
3. M.C. Dean, Inc.
4. Tristar Power Solutions, LLC

All bidders were determined to be fully responsive and responsible to the bid requirements.

The firm recommended for award, Tristar Power Solutions, was found to meet all technical requirements and is in full compliance with the IFB requirements.

**C. Price Analysis**

The recommended bid price from Tristar Power Solutions has been determined to be fair and reasonable based upon adequate price competition and selection of the lowest price responsive and responsible bidder.

| <b>Bidder Name</b>          | <b>Bid Amount</b> | <b>Metro ICE</b> |
|-----------------------------|-------------------|------------------|
| Tristar Power Solutions LLC | \$1,004,000       | \$1,102,500      |
| M.C. Dean, Inc.             | \$1,143,445       |                  |
| Donovan Distributing        | \$2,621,273       |                  |
| HSQ Technology              | \$3,336,052       |                  |

\*Note: The total bid amounts reflect the additional .25% Los Angeles County sales tax not in effect at the time that bids were solicited.

**D. Background on Recommended Contractor**

The recommended firm, Tristar Power Solutions LLC, located in Edina, Minnesota has been in business for nine years providing and servicing UPS systems nationwide. The firm has conducted business with AT&T Telecommunication Company, Sprint Corporation, Eaton Corporation, Arris Group Inc., and Alliant Energy. Metro has not conducted business with Tristar Power Solutions in the past; however, based on Metro’s staff reference checks and interviews of both private and public business entities with contracts with Tristar Power Solutions, these entities reported that the recommended awardee was reputable and that its performance and delivery, of similar products and services that Metro requires, were satisfactory.

## DEOD SUMMARY

**METRO RED LINE UNINTERRUPTIBLE POWER SUPPLY (UPS)/OP36847000****A. Small Business Participation**

The Diversity and Economic Opportunity Department (DEOD) did not recommend a Small Business Enterprise (SBE)/Disabled Veteran Business Enterprise (DVBE) goal for this solicitation. According to Metro's Project Manager, the prime would provide replacement of Uninterruptible Power Supply (UPS) parts, and ship to Metro. Metro staff will be responsible for installation. As such, there are no apparent subcontracting opportunities.

**B. Living/Prevailing Wage and Service Contract Worker Retention Policy Applicability**

The Living Wage and Service Contract Worker Retention Policy (LW/SCWRP) is not applicable to this contract.

**C. Prevailing Wage Applicability**

Prevailing wages are not applicable to this contract.

**D. Project Labor Agreement/Construction Careers Policy**

Project Labor Agreement/Construction Careers Policy is not applicable to this Contract. PLA/CCP is applicable only to construction contracts that have a construction related value in excess of \$2.5million.