

## Agenda Report Details (With Text)

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**Title:** COMPLETE ELECTRICAL DATA MANAGEMENT SOLUTION  
**Sponsors:** Lorenzo Tyner  
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Date	Ver.	Action By	Action	Result
6/9/2021	1	ADMINISTRATION COMMITTEE		

**FROM:** James D. Herberg, General Manager  
Originator: Lorenzo Tyner, Assistant General Manager

### SUBJECT:

### COMPLETE ELECTRICAL DATA MANAGEMENT SOLUTION

### GENERAL MANAGER'S RECOMMENDATION

RECOMMENDATION: Recommend to the Board of Directors to:

- A. Award a Professional Services Agreement to AVO Multi-Amp Corporation dba Megger to provide Electrical Data Management Services, Specification No. CS-2021-1039BD-R, for a total amount not to exceed \$212,255; and
- B. Approve a contingency of \$31,838 (15%).

### BACKGROUND

The Orange County Sanitation District (OC San) desires to implement a complete solution for Electrical Testing Data Management. The solution will be used for the collection, organization, trending, and reporting of electrical data from maintenance, condition-based monitoring, and inspection activities. A competitive procurement via a Request for Proposal was conducted and is described below.

### RELEVANT STANDARDS

- Ensure the public's money is wisely spent
- Maintain a culture of improving efficiency to reduce the cost to provide the current service level or standard

- Protect OC San assets
- Maintain a proactive asset management program

## PROBLEM

OC San's current electrical testing documentation, archiving, and data collecting is compiled manually by several work groups, resulting in inconsistent record keeping. Additionally, OC San's current systems do not have capability for analysis of collected data for asset management optimization or establishing standardized electrical testing data processes. These deficiencies lead to operational and regulatory compliance risks and inefficient use of labor.

## PROPOSED SOLUTION

Procure and implement the software and hardware solutions from Avo Multi-Amp Corp. to automate the electrical testing process and establish a standard methodology for routing, testing, and trending electrical assets at Plant No. 1, Plant No. 2, and Pump Stations.

## RAMIFICATIONS OF NOT TAKING ACTION

OC San will be unable to verify electrical testing results and will fail to protect OC San assets.

## ADDITIONAL INFORMATION

On February 24, 2021, OC San issued a Request for Proposal (RFP) for a Field Electrical Testing Solution. The following evaluation criterion were described in the RFP and used to determine the most qualified firm.

CRITERION	WEIGHT
1. Qualifications & Experience of Firm	40%
2. Proposed Staffing & Project Organization	20%
3. Work Plan	20%
4. Cost	20%

The RFP closed on March 31, 2021. OC San received responses from three vendors. The RFP evaluation team consisted of three Maintenance Supervisors, a Principal Info Tech Analyst, and a Senior Engineer. This RFP used the individual scoring method. The evaluation team first reviewed and scored the proposals based upon the criteria listed above.

Rank	Proposer	Criterion 1 (Max 40%)	Criterion 2 (Max 20%)	Criterion 3 (Max 20%)	Subtotal Score (Max 80%)
1	<b>Avo Multi-Amp Corp dba Megger</b>	38%	19%	18%	75%
2	<b>James E. Hughes</b>	24%	13%	13%	50%
3	<b>The RoviSys Company</b>	18%	8%	10%	36%

All proposals were accompanied by a sealed cost proposal. Only the cost proposal for the highest ranked firm was opened.

Rank	Proposer	Subtotal Score without cost (Max 80%)	Cost (Max 20%)	Total Weighted Score (Max 100%)
1	Avo Multi-Amp Corp dba Megger	76%	20%	96%
2	James E. Hughes	50%	4%	54%
3	The RoviSys Company	37%	4%	41%

Based on these results, staff recommends awarding the Agreement to Avo Multi-Amp Corporation dba Megger.

### FINANCIAL CONSIDERATIONS

This request complies with authority levels of OC San's Purchasing Ordinance. This item has been budgeted in the FY2020-21 & 2021-22 Budget, EAM Software & Process Implementation SP-100 (Section 8, Page 83).

<u>Date of Approval</u>	<u>Contract Amount</u>	<u>Contingency</u>
06/23/2021	\$212,255	\$31,838 (15%)

### ATTACHMENT

*The following attachment(s) may be viewed on-line at the OC San website ([www.ocsan.gov](http://www.ocsan.gov)) with the complete agenda package:*

- Draft Professional Services Agreement