

Ship To  
Corporate Office  
Attn: Shipping & Receiving Department  
1355 Capital Boulevard  
Reno, NV 89502

Bill To  
Truckee Meadows Water Authority  
Post Office Box 30013  
Reno, NV 89520  
(775) 834-8000

Purchase Order  
No. 2008-00000054  
DATE 03/28/2008

VENDOR NO. 1063

Vendor  
Grove Madsen Industries  
390 E 6th Street  
RENO, NV 89512

PURCHASE ORDER NUMBER MUST APPEAR ON  
ALL INVOICES, SHIPPERS, BILL OF LADING AND  
CORRESPONDENCE

DELIVER BY *0708-207*  
SHIP VIA  
FREIGHT TERMS  
PAGE 1 of 1  
ORIGINATOR: Justine Chambers

REFERENCE # Tim Grover

QUANTITY	UNIT	DESCRIPTION	UNIT COST	TOTAL COST
1.0000	Each	HEPS Distribution Switchgear - Glendale Pump Upgrade Project, Phase 2 This PO is issued in accordance with NRS 332. The project was formally bid. This recommendation for award is to the lowest responsive and responsible bidder. The documents are filed in Contract No. 0708-207. The contact person for this project is Tim Grover and can be reached at 775-834-8049. Please direct all invoices to: TMWA, Accounts Payable, P.O. Box 30013, Reno, NV 89520-3013. The delivery date is December 19, 2008 in accordance with the attached letter of clarification. 1-2-30-300-7350 - Supplies 267,893.00 03-006	267,893.0000	\$267,893.00
TOTAL DUE				\$267,893.00

Special Instructions

*Lori Williams*

*e-mailed  
3-28-08  
JC*

## Memorandum

1355 Capital Blvd. • PO Box 30013 • Reno, NV 89520-3013  
☎ 775.834.8080 • 📠 775.834.8003

To: Justine Chambers  
From: Tim Grover *TJG*  
Date: March 25, 2008  
Re: Award Recommendation for Bid No. 0708-207, Glendale Pump Upgrade Project, Phase 2 – Purchase of 4160 Volt Metering and Distribution Switchgear

**Recommendation:** I have completed evaluation of Bid No. 0708-207. Award is recommended as follows.

1. Utility Metering Switchgear – Award to Electrical Design Technology, Inc. in the amount of \$167,444.00 per the specifications and letter of clarification (attached). The guaranteed delivery date is November 28, 2008.
2. HEPS Distribution Switchgear – Award to Grove Madsen Industries. in the amount of \$267,893.00 per the specifications and letter of clarification (attached). The guaranteed delivery date is December 19, 2008.

The Purchase Orders should specifically reference the guaranteed delivery dates and clarification letters and make them part of the respective bid award.

**Discussion (Utility Metering Switchgear):** The bid of Wedco, Inc. is judged to be non-responsive for the following reasons.

- Per the CH2M Hill Bid Evaluation memo (copy attached), the equipment does not meet the performance requirements of the specifications and the layout is not as specified.
- The cabinet length listed in the Proposal Summary is not sufficient to house all of the specified equipment. This is alluded to in the CH2M Hill memo with the comment about whether one or two units would be provided.
- The bid did not include either a one-line diagram or dimensional drawings of the equipment as required by Section 01 00 03, paragraph 2.01.A of the specifications.

The bid of Electrical Design Technology, Inc. (EDT) meets all specification requirements as clarified in the attached letter dated March 26, 2008. CH2M Hill recommends award to EDT as discussed in their memo.

The bid of Grove Madsen Industries also meets the specification requirements with minor exceptions. Their bid is significantly higher than the bid of EDT and for this reason is not recommended for award.

**Discussion (HEPS Distribution Switchgear):** Only one bid was received for the distribution switchgear. The bid was from Grove Madsen Industries and meets all specification requirements as clarified in the attached letter dated March 26, 2008. CH2M Hill recommends award to EDT as discussed in their memo.

cc: Scott Estes  
Wayne Pearson, CH2M Hill

## Truckee Meadows Water Authority Glendale WTF Pump Upgrade Project – Phase 2 Medium-Voltage Switchgear Bid Evaluation

**TO:** Tim Grover/TMWA  
**FROM:** W. Kurt Vollmers/CH2M HILL *W*  
**COPIES:** Wayne Pearson/CH2M HILL  
**DATE:** March 26, 2008  
**PROJECT NUMBER:** 363371.PU.90

### Introduction

We have reviewed the three bids received by TMWA on March 20, 2008, for purchase of the Medium-Voltage Switchgear. Our evaluation of the bids focused on whether or not the proposed equipment meets the technical performance requirements of the specifications. None of the proposals contain detailed shop drawing information, so many of the details associated with the equipment are unconfirmed. These details will be reviewed and confirmed through the normal shop drawing review process.

We did not evaluate the bids to determine responsiveness from a legal standpoint, nor did we evaluate the commercial terms, payment terms, or warranties.

### Recommendation for Utility Metering Switchgear

We recommend that TMWA proceed with procurement of the Utility Metering Switchgear manufactured by General Switchgear, Inc. (GSI), from Electrical Design Technology (EDT), in the amount of \$167,444.00. EDT needs to submit a letter to TMWA indicating a specific guaranteed delivery date for the switchgear that is within the specified equipment delivery time window of November 3, 2008, and November 28, 2008.

This equipment meets the performance specifications with relatively minor exceptions and appears to be a good fit for this application.

### General Switchgear

The Utility Metering Switchgear bid proposal submitted by EDT, for switchgear manufactured by General Switchgear, appears to meet the requirements for the application and the specifications, with a few exceptions.

GSI is a custom manufacturer that uses major components from other manufacturers in their switchgear. In this case, major components quoted will be supplied by Eaton/Cutler-Hammer, as specified. GSI does not meet some of the specified technical requirements such

as enclosure paint, bus insulation, and single source manufacture. These minor exceptions are likely acceptable.

Dimensions for this switchgear are as expected. Delivery schedule of approximately 30 weeks (assuming 4 weeks for submittal review) should allow EDT to meet the specified delivery date of November 28, 2008.

Complete and detailed shop drawings were not provided with the bid proposal, so many details are unconfirmed. These details can be addressed during the shop drawing review process.

### **Eaton/Cutler-Hammer**

The Utility Metering Switchgear bid proposal submitted by Grove Madsen Industries, for switchgear manufactured by Eaton/Cutler-Hammer, appears to meet the overall performance requirements of the specifications; the bid documentation contains several inconsistencies and errors.

The dimensional data provided meets the requirements of the specifications. Delivery schedule of 28 weeks (assuming 4 weeks for submittal review) should allow Grove Madsen Industries to meet the specified delivery date of November 28, 2008.

Complete and detailed shop drawings were not provided with the bid proposal, so many details are unconfirmed.

The bid price submitted is substantially higher than the GSI bid.

### **Square D**

The Utility Metering Switchgear bid proposal submitted by Wedco, for switchgear manufactured by Square D, does not appear to meet the overall performance requirements of the specifications. The submitted information is not clear or complete. The submitted layout is not the same as specified. It is unclear if two units are proposed or just one. The dimensions listed would indicate only one unit is included. Complete and detailed shop drawings were not provided with the bid proposal, so many details are unconfirmed.

Even though Wedco submitted the lowest bid, we consider their bid to be non-responsive to the requirements of the bid documents.

## **Recommendation for HEPS Distribution Switchgear**

We recommend that TMWA proceed with procurement of the HEPS Distribution Switchgear manufactured by Eaton/Cutler-Hammer, from Grove Madsen Industries, in the amount of \$267,893.00. Grove Madsen Industries needs to submit a letter to TMWA indicating a specific guaranteed delivery date for the switchgear that is within the specified equipment delivery time window of November 17, 2008, and December 19, 2008.

This equipment meets the performance specifications with no significant exceptions and is a good fit for this application.

### **General Switchgear**

General Switchgear did not submit a bid for the HEPS Distribution Switchgear.

### **Eaton/Cutler-Hammer**

The HEPS Distribution Switchgear bid proposal submitted by Grove Madsen Industries, for switchgear manufactured by Eaton/Cutler-Hammer, appears to meet the overall performance requirements of the specifications with no significant exceptions.

The dimensional data provided meets the requirements of the specifications. Delivery schedule of 28 weeks (assuming 4 weeks for submittal review) should allow Grove Madsen Industries to meet the specified delivery date of December 19, 2008.

Complete and detailed shop drawings were not provided with the bid proposal, so many details are unconfirmed. The bid submitted includes a few minor inconsistencies that need to be addressed during the shop drawing review process.

### **Square D**

Square D did not submit a bid for the HEPS Distribution Switchgear.