

10/23

M/S - DAVIS / MAURA - Y10 N-O - ABSTAIN-O ABSENT 2.

Motion Passed
[Signature]



RethinkWaste
South Bayside Waste Management Authority

STAFF REPORT

To: SBWMA Board Members
From: Hilary Gans, Facility Operations Contract Manager
Date: October 23, 2008 Board Meeting
Subject: Approval of Contract Award for Master Plan Phase I – Traffic Improvements Construction

Recommendation

Staff recommends that the Board approve the qualified low-bidder for the construction of the Master Plan Phase I – traffic improvements (i.e., scale, entry complex and transfer station bridge).

Background

The construction of the scale, entry complex, and transfer station bridge is the first phase of the Shoreway Environmental Center Master Plan construction project. This phase has been bid in advance of the other master plan phases (i.e., Phase 2 for transfer station and MRF construction, and Phase 3 for single stream processing equipment installation).

The construction of the scale, entry complex, and transfer station bridge provides: 1) increased vehicle processing capacity that will alleviate the back ups onto Shoreway Road; 2) improved onsite traffic flow/circulation and enhanced site safety by separating self haul vehicles from large trucks; 3) a relocated transfer station building entry point for route trucks so that the tipping floor space can be used more efficiently.

It's important to note that these improvements will not result in the full and complete implementation of all planned Master Plan traffic improvements. The Phase 1 improvements will provide for two inbound traffic lanes, while three lanes total are ultimately planned. The third lane will be created after completion of Phase 2 which assumes the MRF building footprint will be relocated ~10 feet to the north. This can be accomplished either through construction of a new MRF building or a retrofit of the existing building to remove the south wall of the building and construct a new south wall.

The first group of bids received (see **Table 1** below) from bidders for the Phase I construction were rejected because the low-bid was higher than the dollar amount budgeted for the project. JRMA, The Covello Group and SBWMA staff conducted a value engineering review of project design to identify areas of the project where costs could be reduced.

Table 1. Previous (8/19/08) Bid Results

Rank	Company Name	Bid Amount
1	Taber Construction	\$ 2,883,000
2	Beals Martin	\$ 2,992,165
3	Rodan Builders	\$ 3,129,000
4	Sposeto Engineering	\$ 3,151,000
5	Power Engineering	\$ 3,265,000

The value engineering efforts resulted in the following changes to both the scope and design which reduced the cost of the project without compromising the functionality of the improvements:

- Scale building was changed from a build-on-site to a prefab constructed structure
- Scale house exterior metal panel cladding was changed to a less expensive wall panel system
- Scale overhead signage was eliminated in favor of less expensive post type signs
- Facility information display signage has been changed from electronic display to post-sign
- Rebar has been removed from the concrete slab to save costs

Analysis

On October 16, 2008 the SBWMA received construction bids from four construction companies for the scope of work covered in the rebid of Phase I. The bids received are presented in **Table 2** and include cost for construction of the scale, entry complex, and transfer station bridge. The bid and results confirm that the revisions to the construction project have reduced the cost of the Phase I of the Shoreway Master Plan construction.

Table 2. 10/16/08 Bid Results Shoreway Environmental Center Scale House Phase 1		
<u>BIDDER</u>	<u>#</u>	<u>AMOUNT</u>
Rodan Builders	1	\$2,195,000.00
Sposeto	2	\$2,223,800.00
Taber Construction	3	\$2,303,000.00
Beals Martin	4	\$2,311,481.00

The \$2.253 million budget for the Phase I construction was based on an engineers estimate prepared by Analytical and Planning Services Inc. (APSI) located in Irvine, California. The low-bid was provided by Rodan Construction and was under the budget and engineers estimate for the project (Rodan Construction's price was \$58,000 [2.5%] under the budget amount for the Project). The average bid amount was \$ 2,258,320 and the bids were clustered +/- \$58,240 of the mean. The details of each bidders' response is currently being reviewed by the SBWMA's construction management company Covello Group to confirm that the bids are all in conformance with the requirements of the bid process.

Financial Impact

Cost of the Phase I construction will be paid for out of the approved Capital Fund. As \$2,151,050 was approved in the capital budget for "Phase 1 Scale Construct" a budget transfer may be needed as part of the mid-year budget adjustment.