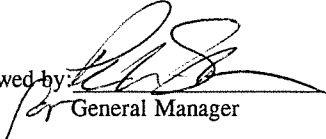




Memorandum

MONTEREY REGIONAL WASTE MANAGEMENT DISTRICT

DATE: March 15, 2019
 TO: General Manager
 FROM: Director of Engineering and Compliance
 SUBJECT: Award Construction Contract for Landfill Module 6 Liner Project

Reviewed by: 
 General Manager

Date: 3/15/19

RECOMMENDATION: That the Board of Directors authorize the award of a contract for the construction of the Module 6 landfill base liner to the qualified low bidder, Wood Brothers, Inc. of Lemoore, CA, for the bid amount of \$3,610,881. Adequate funding has been included in the FY 2018/19 Capital Outlay Budget for this project.

BACKGROUND

On November 30, 2018, the Board approved a call for bids for the construction of the Module 6 landfill liner. A mandatory pre-bid meeting was held at the project site on February 1, 2019 and 15 contracting companies had representatives in attendance.

The proposed 14-acre Module 6 will have a composite liner meeting the requirements of Title 27 of the California Code of Regulations, and will be similar to the liners constructed for Modules 3, 4 and 5. The engineered composite liner system consists of, from bottom to top, a 2-foot thick low permeability compacted clay layer (utilizing the clay that has been stockpiled onsite), overlain by a 60-mil thick high density polyethylene (HDPE) geomembrane. Placed directly over the composite liner is a leachate collection and removal system (LCRS). The LCRS consists of a 1-foot thick sand drainage layer and a series of perforated HDPE pipes bedded in gravel and wrapped in geotextile, which conveys leachate from the liner floor to a sump where it can be removed by a pumping system. A 2-foot thick layer of cover material will be placed over the sand drainage layer to further protect the liner from damage during placement of the first lift of waste. The work also includes relocation of a pond, realignment of an existing road, stockpiling of native in-situ sand and clay soils, subgrade preparation, and the excavation & the placement of engineered fill.

Module 6 will have a waste capacity of approximately 1,200,000 tons. At an average landfill disposal rate of 600,000 tons per year, the new module will have an interim service life of approximately 2 years (to the year 2021).

RECEIPT OF BIDS

On March 13th at 2 p.m., the District received and publicly opened a total of five (5) sealed bids. As shown in the table below, the bids ranged from a low of \$3,610,881 to a high of \$7,137,000.

CONTRACTOR	BID
1. Wood Brothers, Inc., Lemoore, CA	\$3,610,881.00
2. Granite Rock Company, San Jose, CA	\$4,838,810.00
3. Papich Construction Co., Inc., Arroyo Grande, CA	\$5,730,478.37
4. Cal Valley Construction, Inc., Fresno, CA	\$5,960,090.00
5. Don Chapin Company, Inc., Salinas, CA	\$7,137,000.00

Based on the satisfactory review results of the low bidder's submittals and verification of references, it is recommended that the District enter into a contract with Wood Brothers, Inc. of Lemoore, CA for the construction of the Module 6 base liner system.

PROJECT SCHEDULE

We anticipate issuing a Notice-to-Proceed to the contractor at the end of March. Construction is scheduled to be completed by mid-October. The proposed project schedule is as follows:

ITEM	DATE
Bid Opening	March 13, 2019
Award of Construction Contract	March 22, 2019
Notice-to-Proceed to Contractor	March 27, 2019
Substantial Completion	August 15, 2019
Final Construction Certification Report	October 10, 2019
CRWQCB Approval to Open Module 6	October 24, 2019

PROJECT BUDGET

The project has a FY 2018/19 approved budget of \$6.5 million and the project costs are currently estimated to be under budget as presented in the table below. Since the expenditure of funds for the project will occur both in the current FY18/19 and the FY19/20, and the project is estimated to cost less than the FY18/19 \$6.5 million budget, there is excess budgeted funds in the current fiscal years and the need to budget appropriate project funding in the new fiscal year (FY19/20). All costs associated with this project are funded entirely from the 2018 Revenue Bond proceeds.

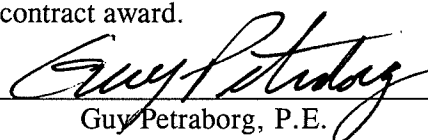
ITEM	COST ESTIMATE
Design & Construction Eng. Services	\$220,000
Construction Quality Assurance Services	\$770,000
Survey Services	\$52,500
Construction Contract - Qualified Low Bid	\$3,610,881
Construction Costs - Contingency & Other	\$900,000
ESTIMATED TOTAL PROJECT COSTS	\$5,553,381

STRATEGIC PLAN

This project is consistent with the District's stewardship responsibilities to maintain compliance with state, federal and local regulation requirements and provide volumetric capacity to allow continued disposal services.

CONCLUSION

It is therefore recommended that the Board of Directors authorize the award of a contract for the construction of the Module 6 landfill liner to the low bidder, Wood Brothers, Inc. of Lemoore, CA for the bid amount of \$3,610,881. Funds have been included in the FY 2018/19 Budget and will be appropriately included in the Draft FY 2019/20 budget consistent with the Board's authorization approving this contract award.



Guy Petrabor, P.E.