



Memorandum

MONTEREY REGIONAL WASTE MANAGEMENT DISTRICT

18

DATE: June 11, 2021

TO: General Manager

FROM: Director of Engineering and Compliance

SUBJECT: Award Construction Contract for Landfill Module 7 Mass Excavation Project to the Qualified Low Bidder, Don Chapin Company, Inc. of Salinas, CA, in the Amount of \$1,682,000.

Reviewed by: 
General Manager

RECOMMENDATION: That the Board of Directors authorize the award of a contract for the construction of the landfill Module 7 mass excavation project to the qualified low bidder, Don Chapin Company, Inc. of Salinas, CA, for the bid amount of \$1,682,000. Adequate funding has been included in the FY 2021/22 Capital Outlay Budget for this project.

BACKGROUND

On April 23, 2021, the Board approved a call for bids for the mass excavation construction of the future Module 7 landfill liner area. A public notice of the bid solicitation was published in the Monterey Herald and invitations were emailed on May 27, 2021 to prospective bidders soliciting their interest in the Module 7 mass excavation project. During the bid solicitation period, interested parties visited the site to observe current site conditions and gather information for their use in preparing a construction bid for the Module 7 Mass Excavation project. Sealed bids for the mass excavation project were received on June 10, 2021.

DISCUSSION

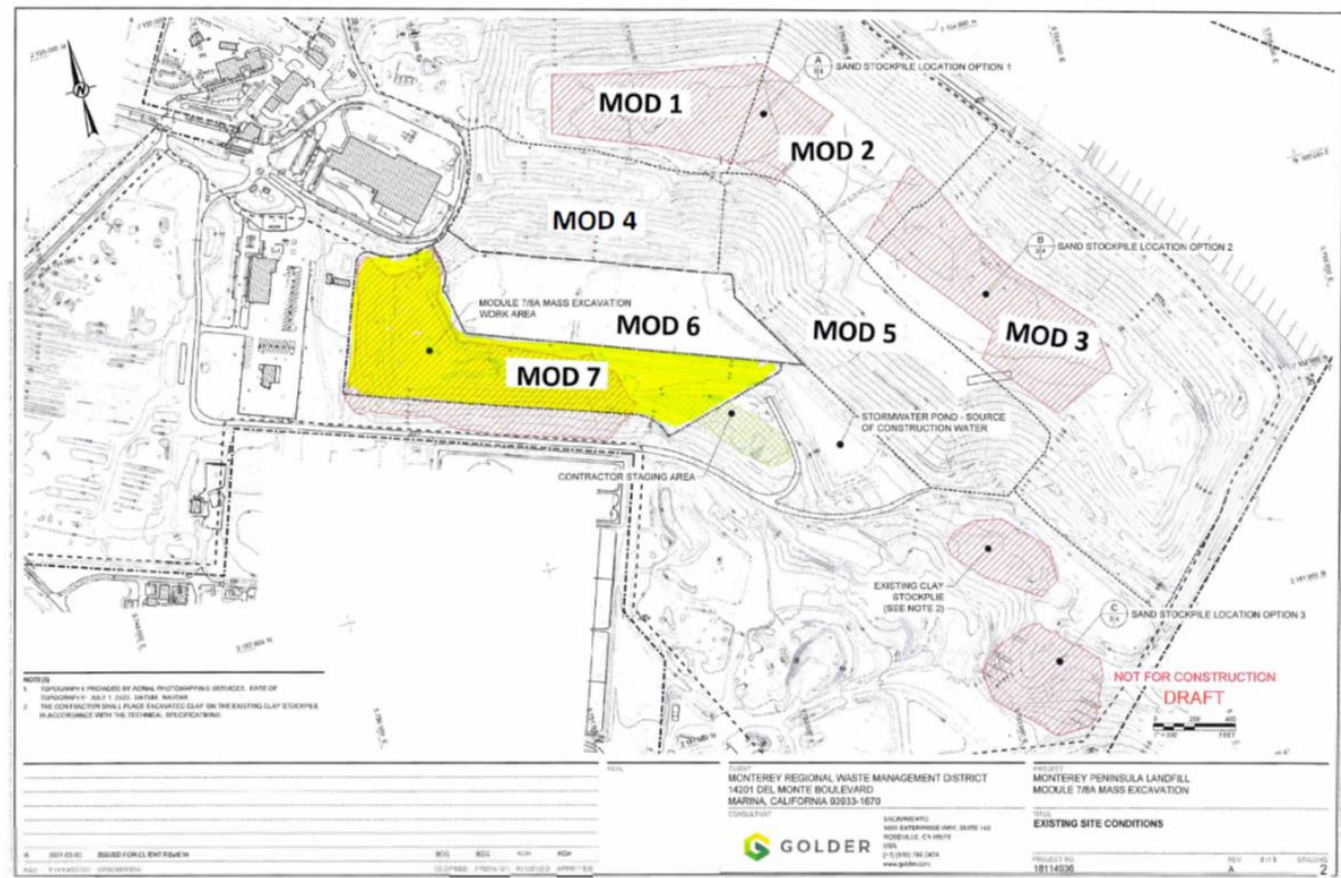
Staff is planning a phased construction for Module 7 with Phase I being the mass excavation this summer and Phase II being final excavation and base liner construction next spring. Following the mass excavation phase, the future Module 7 lining phase will have a composite liner meeting the requirements of Title 27 of the California Code of Regulations, and will be similar to the liner systems constructed for Modules 3, 4, 5 and 6. 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 is typically a 1-foot thick sand drainage layer with 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.

Award Construction Contract for Module 7 Mass Excavation

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Module 7 is planned to be located to the south and west of Module 6 as shown by the yellow highlighted area below. With Modules 1 thru 5 having been filled to higher elevations, about 130 feet higher than base grades of Module 6, one of the purposes of constructing Module 7 at this time is to widen the base of the waste fill 'pyramid' for waste stability and ease of operations purposes.



RECEIPT OF BIDS

On June 10th at 3 p.m., the District received and publicly opened a total of ten (10) sealed bids. As shown in the table below, the bids ranged from a low bid of \$1,682,000 to a high bid of \$4,344,800.

| CONTRACTOR | BID |
|---|--------------------|
| 1. Don Chapin Company, Inc., Salinas, CA | \$1,682,000 |
| 2. Wood Brothers, Inc., Lemoore, CA | \$1,703,945 |
| 3. Papich Construction Co., Inc., Arroyo Grande, CA | \$1,991,230 |
| 4. Whitaker Construction Group Paso Robles, CA | \$2,190,760 |
| 5. Ford Construction Company, Inc., Lodi, CA | \$2,288,888 |
| 6. Teichert Construction, Pleasanton, CA | \$2,325,470 |
| 7. Sukut Construction, Santa Ana, CA | \$2,332,830 |
| 8. Guinn Construction, Bakersfield, CA | \$2,468,361 |
| 9. Don Chapin Company, Inc., Salinas, CA | \$3,450,250 |
| 10. Monterey Peninsula Engineering, Marina, CA | \$4,344,800 |

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 Don Chapin Company, Inc. of Salinas, CA for the mass excavation construction of the Module 7 area.

PROJECT SCHEDULE

Staff anticipates issuing a Notice-to-Proceed for the mass excavation contract to the contractor by the end of June following execution of the awarded construction agreement. The schedule has been updated for construction to be substantially completed by mid-October. The anticipated project schedule is as follows:

| ITEM | DATE |
|-----------------------------------|-------------------|
| Bid Opening | June 10, 2021 |
| Award of Construction Contract | June 18, 2021 |
| Notice-to-Proceed to Contractor | June 30, 2021 |
| Mobilization – Construction Start | July 15, 2021 |
| Substantial Completion | October 15, 2021 |
| Final Completion | November 20, 2021 |

PROJECT BUDGET

The mass excavation construction contract is the first phase of the Module 7 construction. The second phase will consist of final grading and liner system installation and that will be the subject of a separate Board approval at a future Board Meeting in the next fiscal year. The entire Module 7 project has a FY 2021/22 approved budget of \$8.5 million. The budget portion of the mass excavation phase was estimated to be approximately \$2.5 million. Thus, this recommended contract award is under budget. The entire Module 7 project will be funded entirely from the revenues collected by the District.

STRATEGIC PLAN

This landfill Module 7 Mass Excavation 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 7 Mass Excavation to the qualified low bidder, Don Chapin Company, Inc. of Salinas, CA for the bid amount of \$1,682,000. Funds have been included in the FY 2021/22 Budget to support the Board's authorization approving this contract award.

Guy R. Petraborg, P.E.