



Memorandum

MONTEREY REGIONAL WASTE MANAGEMENT DISTRICT

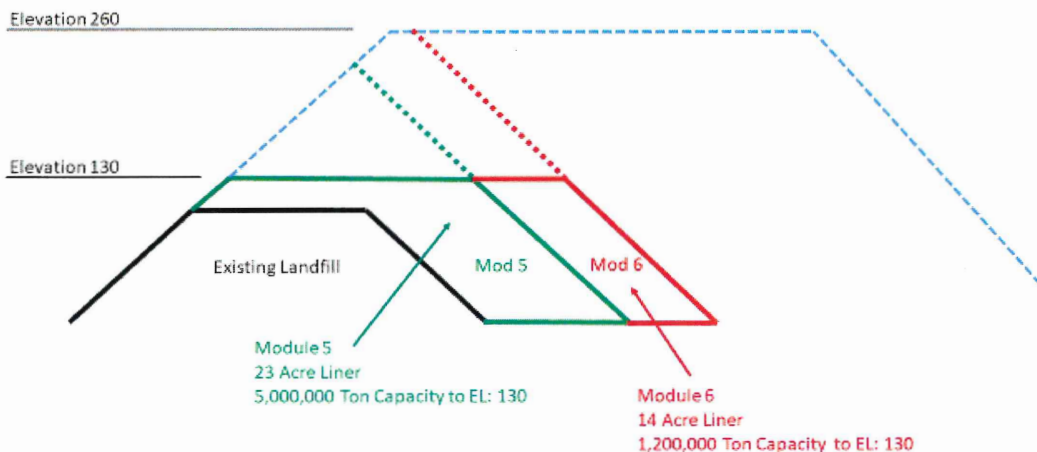
Reviewed by: *[Signature]* Date: 4/16/21
General Manager

DATE: April 16, 2021
TO: General Manager
FROM: Director of Engineering and Compliance
SUBJECT: Authorize Issuance of Request for Bids for Mass Excavation of Module 7

RECOMMENDATION: That the Board authorize staff to prepare a Request for Bids (RFB) and solicit construction bids from qualified contractors for the mass excavation of Module 7 at the Monterey Peninsula Landfill (MPL).

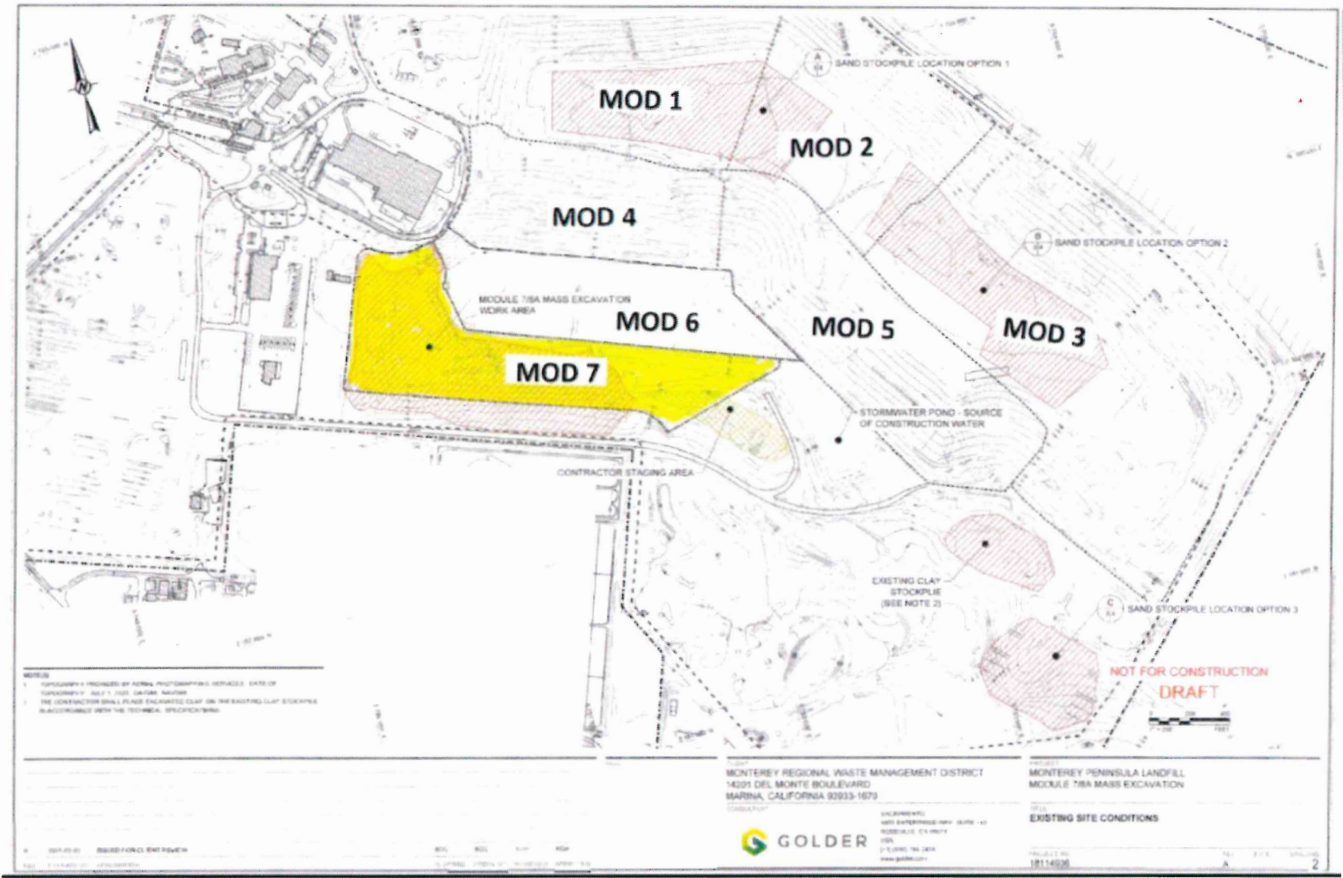
BACKGROUND

On November 30, 2018, the Board approved a call for bids for the construction of the Module 6 landfill liner. Bids were received and the Board subsequently awarded a construction contract in March 2019. The 14-acre Module 6 was constructed with a single composite liner meeting the requirements of Title 27 of the California Code of Regulations, similar to the liners constructed for Modules 3, 4, and 5. Module 6 was constructed and has recently been put into service for the transition from wet weather filling on the top deck to summer filling in Module 6 which has an interim waste capacity of approximately 1,200,000 tons. At an average landfill disposal rate of 600,000 tons per year, the new Module 6 will have an interim service life of approximately 2 years (early 2023). Thus, the next module, Module 7, will need to be delivered before then.



DISCUSSION

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.



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. Staff anticipates the following preliminary project schedule for the Phase I Mass Excavation of Module 7:

ITEM	DATE
Bid Opening	May 7, 2021
Award of Construction Contract	June 18, 2021
Notice-to-Proceed to Contractor	June 22, 2021
Substantial Completion	August 15, 2021
Final Completion	September 15, 2021

Authorize RFBs for Module 7 Mass Excavation

April 16, 2021

Page 3

The request for solicitation of bids for Phase II final excavation and base liner construction portion of Module 7 will be the subject of a future board meeting later this year. Staff is preliminarily estimating \$8 million for the Module 7 Phase I and II construction project. The preliminary estimate is included in the FY 2021/22 preliminary budget. The distribution of the construction costs to each phase are estimated as follows:

ITEM	PRELIMINARY COST ESTIMATE
Phase I – Mass Excavation	\$2,750,000
Phase II – Final Excavation & Liner Construction & Quality Assurance Services & 15% Contingency	\$5,250,000
TOTAL PROJECT BUDGET	\$8,000,000


Authorizing the solicitation of bids for the Phase 1 mass excavation at this time will maintain the desired project schedule and will allow the District to assess the current construction market and its representation of costs for Phase I mass excavation portion directly and the Phase II portion indirectly. The Module 7 project is anticipated to be funded by Bond Funds which are subsequently paid from the revenues collected by the District.

STRATEGIC PLAN

The Module 7 construction is part of the phased development of the landfill. Thus, it is consistent with one of the goals of the strategic plan which is to maintain compliance with state, federal and local regulation requirements and provide volumetric capacity to allow continued disposal services.

RECOMMENDATION

Staff recommends, and respectfully requests, that the Board of Directors authorize staff to prepare a Request for Bids (RFB) and solicit construction bids from qualified contractors for the mass excavation of Module 7 at the Monterey Peninsula Landfill (MPL); Phase I of a two phased project.


Guy R. Petrabor, P.E., G.E.