

MEMO

**Discussion/Action
Item #: 7.g**



Meeting Date: July 19, 2024

To: Board of Directors
From: Director of Engineering and Compliance, David Ramirez
Approved by: General Manager, Felipe Melchor

Subject: Authorize Module 7 Phase 3 – Subdrain/Leachate Management Systems Change Order Requests

RECOMMENDATION: That the Board authorize the General Manager to execute contracts with a combined total of \$1,504,864.25 for the Module 7 Phase 3 Subdrain/Leachate Management Systems components as follows:

1. Graniterock Construction of Watsonville, CA, a contract change order for \$1,264,642 for the Module 7 Leachate Storage and Load Out Facility.
2. MISCOWater of Pleasanton, CA, procurement contract for \$210,160 for three 8,700-gallon SAFE-Tank® systems.
3. Dougherty Company of Salinas, CA, for \$30,062.25 for submersible pumps and motors.

BACKGROUND

On March 24, 2023, the Board authorized a contract with Graniterock Construction for \$7,991,490 for the Module 7 Phase 3 Excavation and Liner Project. As mentioned in the separate project update memo, the Module 7 Liner project transitioned into a “design build” project delivery model resulting from changed design and site conditions. The design of the groundwater subdrain and leachate management systems was a budgeted activity on a parallel track with the liner construction to ensure that any modification to the liner design could be captured in the final designs of the subdrain or leachate removal systems. With the liner, groundwater subdrain, and leachate removal systems designs completed, a construction change order is ready for issuance for these liquid management systems.

DISCUSSION

The subdrain/leachate management systems consists of three main components:

1. Leachate Storage and Load Out Facility: This construction scope includes site preparation, tank pad construction, electrical and mechanical systems installation. Graniterock Construction has provided a change order proposal for \$1,264,642 for this work.

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Let's not waste this.



2. Leachate Storage Tanks: Three 8,700-gallon double-walled polyethylene tanks are required. MISCOWater has provided a quote for \$210,160 for these specialized double walled tanks, including shipping. These tanks are owner supplied to expedite procurement. ReGen has previously purchased nine such tanks for the landfill (Modules 3 to 6) for leachate and condensate liquids storage.
3. Submersible Pumps: Two 1/2 hp and two 30 hp submersible pumps are needed for the two liquid management systems. Dougherty Company has quoted \$30,062.25 for these pumps and motors. These pumps are owner supplied to expedite procurement.

These components are essential for the operation of Module 7 and compliance with regulatory requirements for groundwater separation and leachate management.

FINANCIAL IMPACT

If approved, the Graniterock contract would change as follows:

Current contract amount:	\$11,367,545.36
New contract amount:	\$12,632,187.36

The total cost for these three elements is \$1,504,864.25. To date ReGen has paid \$6,325,283 in invoices to Graniterock Construction. There is approximately \$6.8 million dollars of remaining costs (including, but not limited to, Graniterock Construction costs) expected to complete construction. The 2024/2025 fiscal year budget includes these costs and has allocated \$7.5 million for the Module 7 project in this fiscal year. Therefore, this expenditure is within the 2024/2025 budgeted amount for the project.

CONCLUSION

Staff recommends That the Board authorize the General Manager to execute contracts with a combined total of \$1,504,864.25 for the Module 7 Phase 3 Subdrain/Leachate Management Systems components as follows: Graniterock Construction of Watsonville, CA, a contract change order for \$1,264,642 for the Module 7 Leachate Storage and Load Out Facility; MISCOWater of Pleasanton, CA, procurement contract for \$210,160 for three 8,700-gallon SAFE-Tank® systems; and Dougherty Company of Salinas, CA, for \$30,062.25 for submersible pumps and motors.