

AGENDA STAFF REPORT



MEETING NAME: REGULAR BOARD MEETING
MEETING DATE(S): FEBRUARY 15 & 20, 2024
FROM: ERIC WECK – ENGINEERING MANAGER
FOR: ACTION X DIRECTION _____ INFORMATION _____

CONTRACT AMENDMENTS FOR CONSTRUCTION AND CONSTRUCTION SUPPORT AND INSPECTION SERVICES FOR THE WELL 42 PROJECT

STAFF RECOMMENDATION

Authorize the General Manager to execute contract amendments with AECOM Technical Services, Inc., EnviroLogic Resources, Inc., and TKE Engineering, Inc. for additional engineering services during construction and with Rollapart Buildings, Inc. for additional construction services during the construction of the Well 42 Project in the amount of \$113,605.00.

SUMMARY

Construction of the Well 42 Project was put on hold in September 2021 due to modifications proposed to the pumping and electrical equipment. Following the completion of well testing, MSWD identified potential operational savings by reducing the pump horsepower to better serve production capacity needs in the 1400 and 1240 pressure zones. In addition, due to ongoing changes with the State Water Board Department of Drinking Water (DDW) regulations, MSWD elected to change the well equipment lubrication system from oil to water to ensure pump longevity and reduce the potential for water quality concerns and violation with the State Water Board DDW. These changes resulted in substantial changes to the contract documents by AECOM Technical Services, Inc. (Design Engineer of Record), additional project and construction management by EnviroLogic Resources, Inc. (Project Hydrogeologist), additional project and construction management by TKE Engineering, Inc. (Construction Manager). In addition, due to the construction stoppage, Rollapart Buildings, Inc. incurred additional costs for mobilization, demobilization, and storage of the prefabricated well building.

ANALYSIS

Staff typically contracts with a construction management firm to oversee project construction and with the Engineer of Record for engineering services during construction. Due to changes to the project scope by MSWD during construction, the construction management and engineering services have exceeded their original scope. In addition, there are aspects of the design changes and resulting construction impacts that the construction management and engineering teams are required to evaluate and assist with to ensure the design intent is maintained through construction, well startup, and operation.

FISCAL IMPACT AND STRATEGIC PLAN IMPLEMENTATION

The cost for all work authorized under this contract has been included within the overall Well 42 project budget.

ATTACHMENTS

Contract Amendments for AECOM Technical Services, Inc., EnviroLogic Resources, Inc., Rollapart Buildings, Inc., and TKE Engineering, Inc.

FINANCIAL DATA	
Cost Associated with this action:	\$113,605.00
Current FY cost:	\$2.7 million
Future FY cost:	\$2.039 million
Is it covered in current year budget:	YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>
Budget adjustment needed:	YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>
If yes, year needed:	NA
All previous contracts including dates, amounts and board approvals are attached or have been made available.	
FUNDING SOURCES	
Source of funds:	Operating
BID/Job#	11147
Current BID/Job balance	\$4.739 million
Balance remaining if approved:	\$4.739 million