

Execute Agreement for Professional Engineering Services for the Water System Optimization and Supply Management Study



Background

- Various LBWD Planning and Design Studies
 - 2019 Water Resources Plan
 - Outlines adaptive resource strategy and alternative water resources
 - 2019 Collection Main and New Well Siting Study
 - New wells and existing collection system upgrades
 - 2018 Water Distribution Master Plan
 - Improvements/Upgrades downstream of groundwater treatment plant
 - 2017 Well Rehabilitation Master Plan
 - Identifies wells for rehabilitation
 - Others
 - Various other studies examining individual system/facility components (i.e. tank rehab master plan, treatment plant condition assessment)



Water System Optimization and Supply Management Study

- Evaluation of Existing and Potential System Constraints (Baseline Alternative)
- Alternatives Analysis of Groundwater Collection System
 - Baseline or “Business As Usual” Alternative
 - Alternative 1 – Expand Existing Groundwater Collection System
 - Alternative 2 – Construct Additional Collection and Treatment at JWI Reservoir
- Development and Management of Well Capacity Target
 - Decision Support Tool to manage and achieve multiple objectives, and adapt to changing conditions



Request for Proposals

- Released on Planet Bids – June 26, 2020
- Proposals Received – July 27, 2020
- Interviews Held – August 17, 2020

Consultant	Ranking
HDR Engineering, Inc.	1
CDM Smith	2
Jacobs	3
Stantec	4



Recommendation

- Authorize the General Manager to execute an agreement with HDR Engineering, Inc., to provide professional engineering services for the Water System Optimization and Supply Management Study, in an amount not-to-exceed \$406,800.

Questions?



Long Beach Water
Exceptional Water • Exceptional Service