



Santa Clara Valley Water District

File No.: 20-1186

Agenda Date: 1/5/2021
Item No.: 2.5.

BOARD AGENDA MEMORANDUM

SUBJECT:

Approve Agreement with COWI North America, Inc. for Construction Management Services for the Anderson Dam Tunnel Project, Project No. 91864005, for a Not-to-Exceed Fee of \$20,465,000 (Morgan Hill) (District 1) (Continued from December 8, 2020).

RECOMMENDATION:

Approve the Agreement with COWI North America, Inc., for Construction Management Services for the Anderson Dam Tunnel Project for a not-to-exceed fee of \$20,465,000.

SUMMARY:

Santa Clara Valley Water District (Valley Water) is undertaking the Anderson Dam Federal Energy Regulatory Commission Order Compliance Project (FOCP) as a result of the February 20, 2020 directive from the Federal Energy Regulatory Commission (FERC) to implement interim risk reduction measures at Anderson Dam. One of those measures is the Anderson Dam Tunnel Project (ADTP).

The ADTP will construct a diversion system to augment the existing outlet, which will consist of a diversion tunnel and outlet structure, a micro-tunnel lake tap, and modifications to Coyote Creek downstream of the project. The Project also includes reservoir bank and rim stability improvements and existing intake structure modification.

Staff recommends the board approve the recommended Agreement for Construction Management Services for the FOCP Anderson Dam Tunnel Project.

Consultant Scope of Services

The Agreement with Consultant COWI North America includes the necessary services for the firm to manage Project construction. A summary of the tasks and budget is presented in Table 1. The basic scope of services includes Project Management, Preconstruction Services, Construction Management, Quality Assurance & Quality Control (QA/QC), Safety Management, Training, Testing, Start-Up and Commissioning, Construction Inspections, Partnering, Claims and Disputes Management, Environmental Compliance Services, Acceptance and Closeout

The Supplemental Services task includes additional services, if necessary, to address required value engineering / risk reduction workshops facilitation, evaluation of alternative technical concepts or alternative construction approaches proposed by the contractor, providing expertise and assistance in the evaluation of rim stability solutions, participating in design modification analyses to accommodate changes to the FOCP, performing special studies and analyses on topics requested by Valley Water and providing resources to augment Valley Water staff for technical or management services in response to changed conditions or additional work scope, and other unforeseen issues. Prior to performing any Supplemental Services, the Consultant will be required to obtain written authorization from Valley Water's Deputy Operating Officer pursuant to an approved Task Order.

Table 1 - Summary of Tasks and Budget		
Task	Description	Not-to-Exceed Fees
1	Project Management	\$4,410,000
2	Preconstruction Services	\$180,000
3	Construction Management	\$3,340,000
4	Quality Assurance and Quality	\$660,000
5	Safety Management	\$1,180,000
6	Training, Testing, Start-Up, and	\$150,000
7	Construction Inspections	\$7,090,000
8	Partnering, Claims and Dispute	\$240,000
9	Environmental Compliance Ser	\$700,000
10	Acceptance and Closeout	\$200,000
11	Supplemental Services	\$2,315,000
Total Not-to-Exceed Fees		\$20,465,000

Consultant Selection Process

On July 22, 2020, a Request for Proposal (RFP) for Construction Management Services for the ADTP (Project) was published on Valley Water's Contract Administration System (CAS) internet portal. The RFP was sent to firms that are registered in CAS, under expertise code CM10 - Construction Management. An optional virtual pre-proposal meeting was held on July 29, 2020 and was attended by representatives of eleven large firms and about twenty-five subconsultants.

Valley Water received proposals from four consultant firms on September 2, 2020; COWI North America, Inc. (COWI), Mott MacDonald, Parsons Transportation Group (Parsons), Inc., and Stantec Consulting Services/Cordoba J.V., (Stantec). An Evaluation Committee (EC), consisting of four (4) subject matter experts, all from Valley Water, ranked the written proposals. Three (3) firms, COWI, Parsons, and Stantec, were invited to participate in the subsequent interviews. Based on the

combined (written and oral) rating scores, the EC recommended that staff undertake contract negotiations with COWI, the highest ranked firm.

On October 6, 2020, Valley Water staff-initiated contract negotiations with COWI North America. The negotiations have now been successfully completed. Staff recommends Board approval of the Agreement with COWI North America, for Construction Management Services for the Anderson Dam Tunnel Project, for a not-to-exceed fee of \$20,465,000.

FINANCIAL IMPACT:

The Agreement with COWI North America Inc. for Construction Management Services has a not-to-exceed fee of \$20,465,000. The Agreement term is for three (3) years. There are adequate funds in the Board-adopted FY2021 budget to encumber the anticipated Consultant effort (\$4 million) through the end of FY2021. Funds to cover the remaining Consultant services in FY2022 will be recommended by staff through the FY2022 budget process. The impact of this Consultant Agreement would be an increase to the total Project costs reflected in the Board adopted FY 2021-2025 Capital Improvement Program (CIP), the increase will be incorporated into the Draft FY 2022-2026 Five-Year CIP.

CEQA:

The recommended action does not constitute a project under CEQA because it does not have a potential for resulting in direct or reasonably foreseeable indirect physical change in the environment.

ATTACHMENTS:

Attachment 1: Agreement

UNCLASSIFIED MANAGER:

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