

January 8, 2025

Jignesh Ladhawala
Senior Engineer, SAN and NPW
Coachella Valley Water District
P.O. Box 1058
Coachella, CA 92236
Email: JLadhawala@cvwd.org

Subject: Black & Veatch Proposal for Coachella Valley Water District WRP7 NPW Improvements-Amendment 12 for the Design of Waste Activated Sludge (WAS) Pump VFD Replacement

Dear Mr. Ladhawala,

Black & Veatch (Engineer) is pleased to submit this proposal to Coachella Valley Water District (CVWD, District) for engineering/design services for the replacement of two Waste Activated Sludge (WAS) Pump Variable Frequency Drives (VFDs) as part of the District's Water Reclamation Facility 7 (WRP7) Non-Potable Water (NPW) Improvements Project (Project). Black & Veatch will provide the additional engineering design services and bid solicitation support services, as depicted herein.

Project Approach

Black & Veatch has reviewed the District's comments and additional information provided by the District staff after Engineer's submission of the 100%/Final Project design deliverables. Black & Veatch will provide additional electrical engineering design for two WAS pump VFDs and will incorporate other mutually agreed District-provided comments to the 100% design deliverables.

Task 1: Project Management

Black & Veatch will conduct project management and quality assurance activities to include: agreement amendment processing, work progress invoicing, and monitoring of scope, schedule, and budget. This task includes general project coordination between Engineer and District. Black & Veatch will organize, administer, and supervise the work of in-house Project design team members, and will allocate resources necessary to meet Project timeline and objectives.

Task 1 Deliverables

- Agreement amendment documents
- Monthly invoices and billing status reports
- Coordination and communications amongst design team
- Quality Assurance/Quality Control reviews

Task 2: Project Meetings

Black & Veatch will attend and/or facilitate meetings and workshops. The following is the list of assumed meetings for this Amendment proposal:

- Status and Coordination Meetings with the District- up to 4 virtual meetings, with each meeting

- up to 30 minutes in duration
- Electrical and I&C Workshop (to confirm and/or clarify District-provided comments on 100% drawings and specifications)- 1 virtual meeting, up to 90 minutes in duration
- Bid Phase Meeting- 1 in-person pre-bid meeting, up to 2 hours in duration

Task 2 Deliverables

Black & Veatch will provide agendas, meeting/workshop materials, and/or minutes/notes for each meeting, as Engineer determines appropriate to document actions, decisions, and any corresponding impacts or changes to Engineer's contracted scope of work.

Task 5: Design Drawings and Specifications

Black & Veatch will update the 100% Project design deliverables (drawings and specifications) to incorporate mutually-agreed District provided comments on 100% design deliverables, as well as the following District-requested Project design additions:

- Replace 2 additional Waste Activated Sludge (WAS) pump VFDs with new VFDs, which will comprise field modifications to existing Motor Control Center (MCC) cabinets and wiring.

Task 5 Deliverables

The updated 100% Project design submittal to CVWD will be considered the final (signed and sealed) bid-ready submittal; thus, any additional changes beyond this will require additional agreement amendment (time and cost).

Task 6: Opinion of Probable Construction Cost

Black & Veatch will update the Engineer's 100%/Final opinion of probable construction cost (OPCC). The updated 100%/Final OPCC shall be in conformance with the American Association of Cost Engineering (AACE) cost estimating standards (AACE Class 3).

Task 6 Deliverables

Updated 100%/Final OPCC Addendum in electronic PDF format. Delivery of updated 100%/Final OPCC will occur 4 weeks after completion of updated 100% Project design submittal.

Task 8: Bidding Support

Black & Veatch shall provide bidding support services to include: attendance at 1 pre-bid on-site meeting with CVWD representatives and prospective bidders (included in Task 2); evaluate and prepare responses for up to 30 pre-bid questions and requests for information/clarification (RFI's) from prospective bidders; preparation of up to 3 bid solicitation addenda.

Black & Veatch assumes CVWD will not administer a contractor pre-qualification effort; therefore, no budget is included as part of this Amendment proposal specific to a contractor pre-qualification effort.

Task 8 Deliverables

Preparation of up to 30 RFI responses and up to 3 bid solicitation addenda in electronic PDF format.

Schedule

Black & Veatch assumes the design services and bidding support services depicted herein will be completed by June 30, 2025. This schedule assumes the District's construction bid solicitation period will not extend beyond June 30, 2025.

Pricing

Black & Veatch requests additional authorization in the amount of \$49,998 to provide design engineering services for the WAS pumps VFD replacement.

Black & Veatch appreciates the opportunity to provide these services, and we look forward to working together with CVWD on this important project. If you have any questions or require any additional information, please contact Corey Wallace, Project Manager (Tel: 913-458-1726, email: wallaceCF@bv.com).



Black & Veatch
Corey Wallace, PE
Project Manager

Enclosure(s)
Enclosure A- Fee Sheet

cc: Jeff Neemann, BV
Armando Rodriguez, CVWD

Enclosure A. Fee Sheet

Fee Sheet
CVWD WRP7 NPW Improvements- PSA Amendment 12



TASK NO.	DESCRIPTION	Project Director	Sr. Project Manager	Engineering Manager	QA/QC	Sr. Project Engineer	Project Engineer	Design Engineer	Cost Estimator	Mgr. Technician	Sr. Technician	Technician	Project Finance/Billing	Project Controls	Project Assistant	B&V Added Hours	Fee - B&V Total Labor	Direct Expenses ⁽¹⁾	Deduction- Remaining Contract Value	Total Added Fee
		\$375	\$325	\$250	\$290	\$240	\$205	\$185	\$225	\$245	\$185	\$150	\$150	\$150	\$110					
Task 1: Project Management			6	4									6	6		22	\$ 4,750			\$ 4,750
Task 2: Project Meetings (Design Updates)			2	4		5										11	\$ 2,850			\$ 2,850
Task 5: Design Drawings and Specifications				5	18	40	30				20					113	\$ 25,920	\$ 250		\$ 26,170
Task 6: Opinion of Probable Construction Cost				4					40							44	\$ 10,000			\$ 10,000
Task 8: Bidding Support ⁽²⁾			2	20		30		32			24					108	\$ 23,210	\$ 500	\$ (17,482)	\$ 6,228
Totals		-	10	37	18	75	30	32	-	-	44	-	6	6	-	298	\$ 66,730	\$ 750	\$ (17,482)	\$ 49,998

Notes

1. Direct expenses include travel, shipping, and permit fees not paid directly by the District
2. Updated Scope- 30 RFI Responses; 3 Addenda