ALLEGHANY COUNTY WATER DISTRICT

ENGINEER'S CONSTRUCTION COST ESTIMATE

PROJECT NAME & ROUTE NO:	PROJECT NO:	CLASS OF WORK:	LENGTH:
ACWD Ram Springs Improvement Project		VATER SOURCE IMPROVEMENTS	DNA
OWNER :	LOCATTION:	COUNTY:	STATE:
Alleghany County Water District	Alleghany CA	SIERRA	CALIFORNIA

ITEM CODE	ITEM DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	AMOUNT
1	Environmental: Pre-construction survey for nesting birds	LS	1	$5,000	$5,000
2	Mobilization / Demobilization	LS	1	$48,000	$48,000
3	Soil Erosion Control / SWPPP	LS	1	$5,000	$5,000
4	Remove Chain Link Fence	LS	1	$4,000	$4,000
5	Remove Trees	LS	1	$8,000	$8,000
6	Clear, Scalp,Grub and Re-grade (Spring Field,Storage Bldg,Wetland Rehab)	LS	1	$12,000	$12,000
7	Earthwork: Excavation, Rough Grading, Finish Grading	LS	1	$12,000	$12,000
8	Install Curtain Drains	LS	1	$26,000	$26,000
9	Install valve boxes; Install sampling stations; Replace ball valves; Replace pvc collector pipe; Install low-head flow meter	LS	1	$32,000	$32,000
10	Install Townsite Sampling Stations & Valve Boxes	EA	3	$4,000	$12,000
11	Collector Tank Improvements; concrete floor & roof structure	LS	1	$18,000	$18,000
12	Select Fill: Backfill Ram Springs Collection Area (with fabric) **+/- 200 CY**	EA	1	$20,000	$20,000
13	Install Pump house vents	EA	1	$3,000	$3,000
14	Construct Sample Lab/ Storage Shed	EA	1	$54,000	$54,000
15	Elec Service / Phone Connection (Sample Lab/Storage shed)	EA	1	$27,000	$27,000
16	Install Chain Link Fence (Ram Springs Site)	LS	1	$69,000	$69,000
17	Replace Propane Generator (w/ tie-in to Storage Building (incl all electrical & switches)	LS	1	$33,000	$33,000
18	Replace Residential Service Connection Meters (electronic)	EA	45	$700	$31,500
19	Concrete Trench Drain; Paved Driveway & return onto Main Street	LS	1	$18,000	$18,000
20	Pump House Improvements (Specialty contractor (CUCCA)) Replace pumps, install Chlorine Meter, Install flow meter, Install security camera, Install transformer	LS	1	$57,500	$57,500
					$495,000
	SUBTOTAL				$495,000
Contingencies	Assume 15 %			15.00%	$74,250
Engineering	Construction Engineering 15.0% (61 days @ $1400)			15.00%	$85,388
		TOTAL ESTIMATED COST			$649,638

CONSTRUCTION ENGINEER	DATE
Michael K. Lybarger	DEC 1, 2021
Alleghany County Water District	DATE

Prepared by: Michael K. Lybarger March 30, 2020
Project Engineer