

Projected South Sacramento - Florin Community Equipment & Laboratory Cost (09/24/2019)

FY 19/20 Budget				
Equipment				\$400,000
Laboratory				\$100,000
Phase I (Sensors)	Clarity (PM2.5, NO2)	1,000	21	\$21,000
	Aeroqual (PM2.5, NO2 and O3) (Collocate-1)	5,000	2	\$10,000
	Aeroqual data (cell phone service)	660/year	2	\$1,300
	PurpleAir (PM)	290	15	\$4,350
	Data Logger	8,000	1	\$8,000
			Phase I SUBTOTAL	\$44,650
Phase II (Mid Grade/Stand Alone)	Black Carbon monitor	9400	5	\$47,000
Gaseous equipment is not included because it is included in laboratory cost	PM Filter - MiniVols	4660	3	\$13,900
	PM Filter - MiniVols (3 in house)	0	3	\$0
	Equipment housing	10,000	6	\$60,000
			Phase II SUBTOTAL	\$120,900
Phase III (Professional Grade)	Trailer (Trailer & installation)	100,000	1	\$100,000
	PM2.5 Monitor (continuous)	22,000	1	\$22,000
	Canisters Atec 8001-2P (Gas Toxics)	20,000	1	\$20,000
	Carbonyls Atec 8000-2 (Gas Toxics)	20,000	1	\$20,000
	SASS (Particulate Matter Species)	25,000	1	\$25,000
	Data Logger	5,000	1	\$5,000
	Meteorological equipment	12,000	1	\$12,000
	Ozone monitor (continuous)	20,000	1	\$20,000
	NOx/NO2 monitor (continuous)	20,000	1	\$20,000
	Black Carbon - AE 33 (continuous)	30,000	1	\$30,000
	Total Carbon - TCA08 (continuous)	41,000	1	\$41,000
	Zero Air Generator (calibration equipment)	10,000	1	\$10,000
	Gas Calibrator (calibration equipment)	30,000	1	\$30,000
			Phase III SUBTOTAL	\$355,000
			Estimated Equipment TOTAL	\$520,550
			Estimated Equipment and Laboratory TOTAL	\$620,550