Appendix C: Sample Schedule of Values

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C-1 Introduction

Per *Construction Manual* Chapter 3, Section 3-906B, *General Provisions – Schedule of Values*, a schedule of values (SOV) is required for specific lump sum bid items such as electrical systems. Building construction will also be a lump sum bid item and will require a schedule of values as specified in the special provisions. Structure Construction will provide a technical review to verify that progress payments can be based on the value of the work in place.

Refer to Section 99[1], Division 01 (SSP 99-1), *General Requirements*, subsection "Schedule of Values," for additional requirements for the schedule of values.

C-2 Field Best Practices of Schedule of Values

The *Contract Specifications* do not require spreadsheet columns for monthly and total payments, but the Structure Representative (SR) used the spreadsheets for tracking monthly payments and progress, in the sample below. According to the SR, it only took a couple of iterations for approval of the SOV. The SR and Contractor worked together in a joint effort to get an SOV spreadsheet that could be used for monthly pay estimates. The more detailed the SOV is, the easier it is to complete the monthly pay estimates.

C-3 Sample Schedule of Values for Hat Creek Maintenance Facility

Included in this appendix is an example schedule of values (SOV) spreadsheet used on the Hat Creek Maintenance Facility, Project 02-3508U (see Figure C-1 for a "General Site Plan & Bldg. Data," and Figures C-2 through C-5 for the SOV). This maintenance facility was completed in 2007. The project included site work and four new buildings (Office/Equipment Storage Building, Covered Storage Bay Building, Salt Storage Building, and Covered Storage Bin Building).

[1] Caltrans internal use only

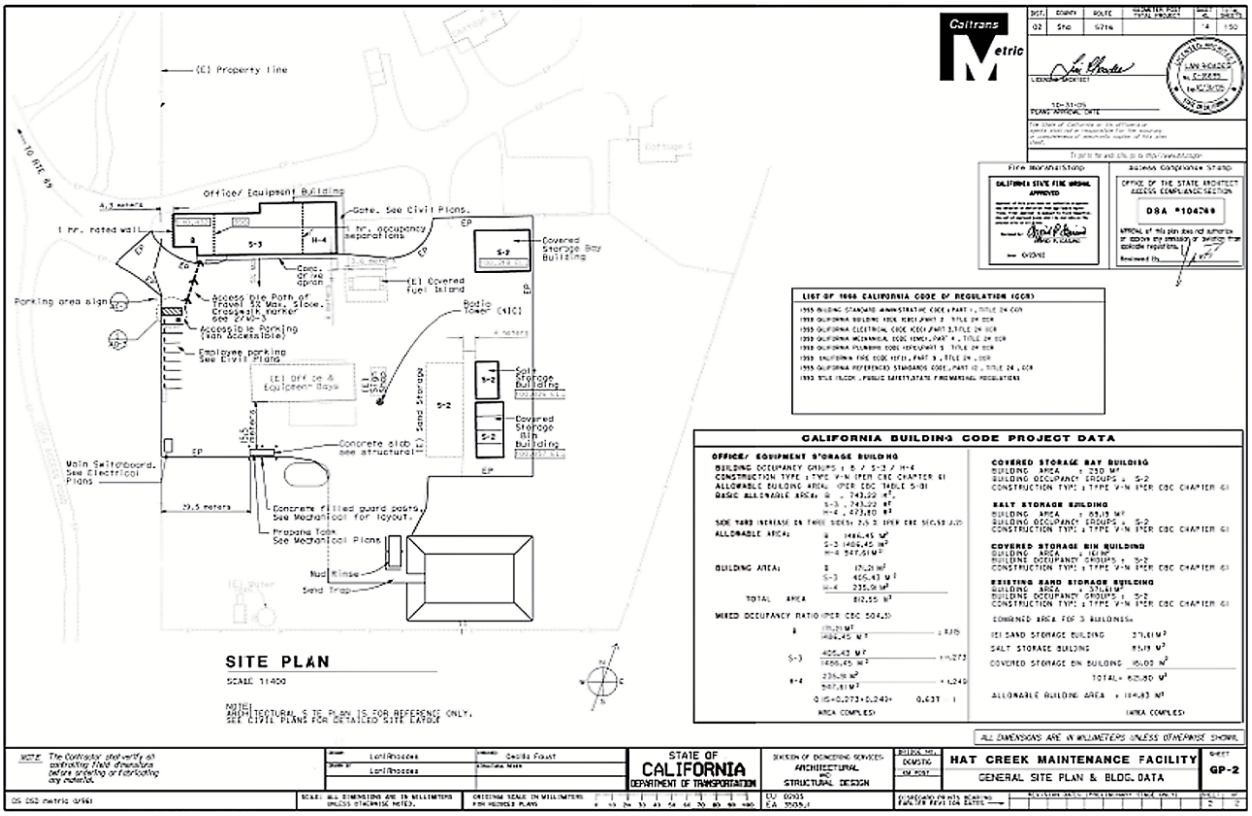


Figure C-1. General Site Plan and Building Data

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Hat Creek M.S.
Schedule of Values

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	CSI #	Description-Trade-Craft-Component	GC's SOV - as Submitted	Scheduled Value	Completed prior period	Completed this period	Total % Complete	Total Earned to Date	Balance to complete	Amount retained
Office/Equipment - Crew - Storage A										
	02315	Excavation,fills, b'fills	$ 8,133.00	$ 8,133.00	$ 8,133.00	$ -	100.0%	$ 8,133.00	$ -	
		Granular fill/compact	$ 13,133.00	$ 13,133.00	$ -	$ 13,133.00	100.0%	$ 13,133.00	$ -	
		Rebar	$ 71,547.00	$ 71,547.00	$ 52,229.31	$ 19,317.69	100.0%	$ 71,547.00	$ -	
		Concrete Footings	$ 85,485.00	$ 85,485.00	$ 85,485.00	$ -	100.0%	$ 85,485.00	$ -	
		Slabs & vapor barrier on grade	$ 81,015.00	$ 73,215.00	$ -	$ 73,215.00	100.0%	$ 73,215.00	$ -	
		Floor hardeners & sealers	$ 4,373.00	$ 4,373.00	$ -	$ -	0.0%	$ -	$ 4,373.00	
		8" bollards	$ 2,920.00	$ 2,920.00	$ 2,920.00	$ -	100.0%	$ 2,920.00	$ -	
		Concrete Masonry	$232,800.00	$232,800.00	$ 53,544.00	$ 97,776.00	65.0%	$ 151,320.00	$ 81,480.00	
		Masonry Testing	$10,000.00	$10,000.00		$ 1,000.00	10.0%	$ 1,000.00	$ 9,000.00	
	05120	Structural steel & Misc Iron	$ 191,140.00	$ 106,140.00		$ -	0.0%	$ -	$ 106,140.00	
		Open Web Joist	$ 35,500.00	$ 35,500.00		$ -	0.0%	$ -	$ 35,500.00	
		EC & Lube Reel support structures		$ 25,000.00		$ -	0.0%	$ -	$ 25,000.00	
	05310	Steel decks,		$ 60,000.00		$ -	0.0%	$ -	$ 60,000.00	
		Cold form framing & Lt Gauge frame	$53,317.00	$53,317.00		$ -	0.0%	$ -	$ 53,317.00	
		Expansion Joints	$4,078.00	$4,078.00		$ -	0.0%	$ -	$ 4,078.00	
	06110	Rough carpentry framing	$ 99,193.00	$ 88,542.00		$ 4,427.10	5.0%	$ 4,427.10	$ 84,114.90	
		Wall furr & wainscote		*Part of R Carp.?*			0.0%			
	06220	Finish carpentry millwork	$7,746.00	$7,746.00		$ -	0.0%	$ -	$ 7,746.00	
	06410	Cabinets & countertops	$4,990.00	$4,990.00		$ -	0.0%	$ -	$ 4,990.00	
		Water Repellant Coating	$10,000.00	$15,000.00		$ -	0.0%	$ -	$ 15,000.00	
	07220	Roof & deck insulation		In Roofing			0.0%			
		Ceiling & wall batt Insulation	$4,538.00	$4,538.00		$ -	0.0%	$ -	$ 4,538.00	
		Rigid wall insulation	$20,085.00	$20,085.00		$ -	0.0%	$ -	$ 20,085.00	
		Fireproofing - Caulking	$1,656.00	$1,656.00		$ -	0.0%	$ -	$ 1,656.00	
	07410	Metal roof, Standing rib	$ 244,300.00	$ 160,000.00		$ -	0.0%	$ -	$ 160,000.00	
	07460	Prefinished metal soffit & all SM trims		$ 84,300.00		$ -	0.0%	$ -	$ 84,300.00	
	08110	Hinged doors	17,750.00	$17,750.00		$ 3,550.00	20.0%	$ 3,550.00	$ 14,200.00	
	08360	Overhead doors, operators-controls	$39,500.00	$39,500.00		$ -	0.0%	$ -	$ 39,500.00	
	08520	Aluminum Windows - Glass & Glazing	$20,376.00	$20,376.00		$ -	0.0%	$ -	$ 20,376.00	
	08710	Finish Hardware		*In Metal Doors?*			0.0%			
	09250	Gypsum drywall, hang-tape-texture	$18,496.00	$18,496.00		$ -	0.0%	$ -	$ 18,496.00	
	09310	Ceramic Tile & Base	$20,310.00	$20,310.00		$ -	0.0%	$ -	$ 20,310.00	
	09650	Resilient Flooring & base	$4,913.00	$4,913.00		$ -	0.0%	$ -	$ 4,913.00	

Figure C-2. Sample Schedule of Values

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Hat Creek M.S.
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	CSI #	Description-Trade-Craft-Component	GC's SOV - as Submitted	Scheduled Value	Completed prior period	Completed this period	Total % Complete	Total Earned to Date	Balance to complete	Amount retained
	09910	Painting - interior - exterior	$51,803.00	$51,803.00		$ -	0.0%	$ -	$ 51,803.00	
						$ -	0.0%	$ -	$ -	
						$ -	0.0%	$ -	$ -	
		FRP panels	$3,600.00	$ 3,600.00		$ -	0.0%	$ -	$ 3,600.00	
		Specialities				$ -	0.0%	$ -	$ -	
	10160	Toilet partition	$3,402.00	$ 3,402.00		$ -	0.0%	$ -	$ 3,402.00	
	10185	Shower Stall,	in plumb	in plumbing						
	10440	Signage - bumpers - h/c - int & ext	$600.00	$ 600.00		$ -	0.0%	$ -	$ 600.00	
	10500	Lockers & benches	$5,145.00	$ 5,145.00		$ -	0.0%	$ -	$ 5,145.00	
	10520	Fire extinguishers & cabinets	$479.00	$ 479.00		$ -	0.0%	$ -	$ 479.00	
	10670	Metal Shelving & Workbenches	$10,240.00	$ 10,240.00		$ -	0.0%	$ -	$ 10,240.00	
	10810	Toilet/shower accessories	$3,681.00	$ 3,681.00		$ -	0.0%	$ -	$ 3,681.00	
		Louvered Sun Screen	$6,637.00	$ 6,637.00		$ -	0.0%	$ -	$ 6,637.00	
		Equipment				$ -	0.0%	$ -	$ -	
	11000	Air compressor	$ 14,000.00	$ 14,000.00		$ -	0.0%	$ -	$ 14,000.00	
		Lubrication & lube oil	$30,000	$ 30,000.00		$ -	0.0%	$ -	$ 30,000.00	
		Vehicle exhaust system	$7,826	$ 7,826.00		$ -	0.0%	$ -	$ 7,826.00	
		Emergency Eye Washes	in plmb			$ -	0.0%	$ -	$ -	
		Steel Work Benches	Part of Metal Shelving?			$ -	0.0%	$ -	$ -	
	12200	Window Blinds	$1,269	$1,269		$ -	0.0%	$ -	$ 1,269.00	
	15100	Underground Plumbing waste & vent	$ 20,000.00	$ 20,000.00	$ 20,000.00	$ -	100.0%	$ 20,000.00	$ -	
		RI Plumb water-waste-VTR-lube-air--gas	$ 28,000.00	$ 28,000.00		$ -	0.0%	$ -	$ 28,000.00	
		Plumbing fixtures & trim	$ 20,000.00	$ 20,000.00		$ -	0.0%	$ -	$ 20,000.00	
	15700	HVAC rough duct systems		$ 40,000.00		$ -	0.0%	$ -	$ 40,000.00	
		Radiant heating system		$ 40,000.00		$ -	0.0%	$ -	$ 40,000.00	
		HVAC equipment & trim	$135,604	$ 46,604.00		$ -	0.0%	$ -	$ 46,604.00	
		Air Balance report		$ 10,000.00		$ -	0.0%	$ -	$ 10,000.00	
	16000	Electrical Panels, conduit& devices	$155,710	$ 62,684.00	$ 12,536.80	$ 6,268.40	30.0%	$ 18,805.20	$ 43,878.80	
		Wiring - feeders		$ 47,013.00		$ -	0.0%	$ -	$ 47,013.00	
		Fixtures, trim, plug & switch		$ 47,013.00		$ -	0.0%	$ -	$ 47,013.00	
		Communication system	In Electrical?			$ -	0.0%	$ -	$ -	
		Subsistance	$ 24,150.00	$ 24,150.00	$ 2,619.94	$ 13,091.68	65.1%	$ 15,711.62	$ 8,438.38	
		Shop Drawings & Submittals		$ 6,000.00	$ 650.92	$ 3,849.08	75.0%	$ 4,500.00	$ 1,500.00	
		Contractor P&O	$133,650	$ 133,650.00	$ 13,513.22	$ 18,829.96	24.2%	$ 32,343.18	$ 101,306.82	
		Total Office/Equipment - Crew - Storage	$1,965,090	$ 1,957,639.00	$ 251,632.18	$ 254,457.92		$ 506,090.10		

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	CSI #	Description-Trade-Craft-Component	GC's SOV - as Submitted	Scheduled Value	Completed prior period	Completed this period	Total % Complete	Total Earned to Date	Balance to complete	Amount retained
	Covered Equipment Storage Canopy D									
	02315	Excavation,fills, b'fills	$ 2,744.00	$ 2,744.00	$ 2,744.00	$ -	100.0%	$ 2,744.00	$ -	
		Granular fill/compact	$ 1,826.00	$ 1,826.00	$ 1,826.00	$ -	100.0%	$ 1,826.00	$ -	
		Concrete Footings	$ 5,533.00	$ 5,533.00	$ -	$ 5,533.00	100.0%	$ 5,533.00	$ -	
		Slabs on grade	$ 11,509.00	$ 8,309.00	$ -	$ 8,309.00	100.0%	$ 8,309.00	$ -	
	03300	Floor hardeners & sealers	$ 1,345.00	$ 1,345.00	$ -	$ -	0.0%	$ -	$ 1,345.00	
		Reinforcing	$ 13,174.00	$ 13,174.00	$ 11,197.90	$ 1,976.10	100.0%	$ 13,174.00	$ -	
		6" bollards	$ 1,168.00	$ 1,168.00	$ -	$ 1,168.00	100.0%	$ 1,168.00	$ -	
	09910	Paint structural steel	$ 4,135.00	$ 4,135.00	$ -	$ -	0.0%	$ -	$ 4,135.00	
	13010	Pre-Engineered Building	$ 25,386.00	$ 25,386.00	$ -	$ -	0.0%	$ -	$ 25,386.00	
		Erection	$ 29,895.00	$ 15,000.00	$ -	$ -	0.0%	$ -	$ 15,000.00	
		Roof sheeting & SM trim		$ 14,895.00	$ -	$ -	0.0%	$ -	$ 14,895.00	
	16000	Electrical Conduit & devices	$7,000	$ 3,500.00	$ 350.00	$ 350.00	20.0%	$ 700.00	$ 2,800.00	
		Wire-plug & switch - Fixtures		$ 3,500.00	$ -	$ -	0.0%	$ -	$ 3,500.00	
		Shop Drawings & Submittals		$ 500.00	$ 77.70	$ 422.30	100.0%	$ 500.00	$ -	
		Subsistance	$650	$ 650.00	$ 101.01	$ 500.90	92.60%	$ 601.91	$ 48.09	
		Contractor's Overhead & Profit	$8,250	$ 8,250.00	$ 1,188.59	$ 1,405.11	31.4%	$ 2,593.70	$ 5,656.30	
		Total Covered Equipment Storage	$ 112,615.00	$ 109,915.00	$ 17,485.20	$ 19,664.41		$ 37,149.61	$ 72,765.39	

Figure C-3. Sample Schedule of Values, cont.

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Schedule of Values

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	CSI #	Description-Trade-Craft-Component	GC's SOV - as Submitted	Scheduled Value	Completed prior period	Completed this period	Total % Complete	Total Earned to Date	Balance to complete	Amount retained
Covered Storage Bins C										
	02315	Excavation,fills, b'fills	$ 2,748.00	$ 2,748.00	$ 2,748.00	$ -	100.0%	$ 2,748.00	$ -	
		Granular fill/compact	$ 3,429.00	$ 3,429.00	$ -	$ -	0.0%	$ -	$ 3,429.00	
		Concrete Footings	$ 14,207.00	$ 14,207.00	$ 3,551.75	$ -	25.0%	$ 3,551.75	$ 10,655.25	
	03300	Slabs on grade	$ 11,152.00	$ 11,152.00	$ -	$ -	0.0%	$ -	$ 11,152.00	
		Concrete walls	$ 25,427.00	$ 25,427.00	$ -	$ -	0.0%	$ -	$ 25,427.00	
		Floor hardeners & sealers	$ 866.00	$ 866.00	$ -	$ -	0.0%	$ -	$ 866.00	
		Reinforcing	$ 13,150.00	$ 13,150.00	$ -	$ 7,890.00	60.0%	$ 7,890.00	$ 5,260.00	
		6" bollards	$876	$ 876.00	$ -	$ 876.00	100.0%	$ 876.00	$ -	
		wood trim			$ -	$ -	0.0%	$ -	$ -	
		Structural steel Framing	$ 33,573.00	$ 33,573.00	$ -	$ -	0.0%	$ -	$ 33,573.00	
		Steel deck & SM trim	$ 25,614.00	$ 13,614.00	$ -	$ -	0.0%	$ -	$ 13,614.00	
	05120	PF sidewall sheathing	Where is this?	$ 12,000.00	$ -	$ -	0.0%	$ -	$ 12,000.00	
		Rough Carpentry	$7,347	$ 7,347.00	$ -	$ -	0.0%	$ -	$ 7,347.00	
		Painting Steel	$4,587	$ 4,587.00	$ -	$ -	0.0%	$ -	$ 4,587.00	
		Electrical Conduit & devices	$5,200	$ 2,600.00	$ 260.00	$ 260.00	20.0%	$ 520.00	$ 2,080.00	
		Wire-plug & switch - Fixtures		$ 2,600.00		$ -	0.0%	$ -	$ 2,600.00	
		Shop Drawings & Submittals		$ 500.00	$ 22.13	$ 30.46	10.5%	$ 52.59	$ 447.41	
		Subsistance	$2,200	$ 2,200.00	$ 97.39	$ 27.77	5.7%	$ 125.17	$ 2,074.83	
		Contractor's Overhead & Profit	$13,200	$ 13,200.00	$ 537.35	$ 730.83	9.6%	$ 1,268.18	$ 11,931.82	
		Total Covered Storage Bins	**$ 163,576.00**	**$ 164,076.00**	**$ 7,216.63**	**$ 9,815.06**		**$ 17,031.69**		

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	CSI #	Description-Trade-Craft-Component	GC's SOV - as Submitted	Scheduled Value	Completed prior period	Completed this period	Total % Complete	Total Earned to Date	Balance to complete	Amount retained
Salt Storage Building B										
	02315	Excavation,fills, b'fills	$ 1,625.00	$ 1,625.00	$ 1,625.00	$ -	100.0%	$ 1,625.00	$ -	
		Granular fill/compact	$ 2,489.00	$ 2,489.00	$ -	$ -	0.0%	$ -	$ 2,489.00	
		Concrete Footings	$ 13,547.00	$ 13,547.00	$ 13,547.00	$ -	100.0%	$ 13,547.00	$ -	
		Slabs on grade	$ 7,807.00	$ 7,807.00	$ -	$ -	0.0%	$ -	$ 7,807.00	
		Concrete walls	$ 30,637.00	$ 30,637.00	$ -	$ 22,977.75	75.0%	$ 22,977.75	$ 7,659.25	
		Floor hardeners & sealers	$ 1,459.00	$ 1,459.00	$ -	$ -	0.0%	$ -	$ 1,459.00	
		Reinforcing	$ 19,129.00	$ 19,129.00	$ -	$ 17,216.10	90.0%	$ 17,216.10	$ 1,912.90	
	03000	6" bollards	$ 1,168.00	$ 1,168.00	$ 1,168.00	$ -	100.0%	$ 1,168.00	$ -	
		Rough carpentry	$ 15,920.00	$ 8,000.00	$ -	$ -	0.0%	$ -	$ 8,000.00	
		PE wood trusses	$ 2,145.00	$ 2,145.00	$ -	$ -	0.0%	$ -	$ 2,145.00	
		Roof & wall wood sheathing	In rough Carp?	$ 7,920.00	$ -	$ -	0.0%	$ -	$ 7,920.00	
		Wood Trim	In rough Carp?		$ -	$ -	0.0%	$ -	$ -	
		PF Roof & wall siding	$43,200	$ 43,200.00	$ -	$ -	0.0%	$ -	$ 43,200.00	
		SM Flashings	In roof &wall siding?		$ -	$ -	0.0%	$ -	$ -	
		Water Repellant Coating	$5,000	$ 5,000.00	$ -	$ -	0.0%	$ -	$ 5,000.00	
		Painting	$3,110	$ 3,110.00	$ -	$ -	0.0%	$ -	$ 3,110.00	
		Windows-Louvers & glazing		$ 5,651.00	$ -	$ -	0.0%	$ -	$ 5,651.00	
		Power ventilator	$5,906	$ 5,906.00	$ -	$ -	0.0%	$ -	$ 5,906.00	
		Electrical Conduit & devices	$8,500	$ 4,500.00	$ 450.00	$ 450.00	20.0%	$ 900.00	$ 3,600.00	
		Wire-plug & switch - Fixtures		$ 4,000.00	$ -	$ -	0.0%	$ -	$ 4,000.00	
		Shop Drawings & Submittals		$ 500.00	$ 50.18	$ 324.82	75.0%	$ 375.00	$ 125.00	
		Subsistance	$3,450	$ 3,450.00	$ 346.25	$ 1,651.08	57.9%	$ 1,997.33	$ 1,452.67	
		Contractor P&O	$9,900	$ 9,900.00	$ 939.29	$ 2,329.29	33.0%	$ 3,268.58	$ 6,631.42	
		Total Salt Storage bldg	**$ 174,992.00**	**$ 181,143.00**	**$ 18,125.72**	**$ 44,949.04**		**$ 63,074.76**		

Figure C-4. Sample Schedule of Values, cont.

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	CSI #	Description-Trade-Craft-Component	GC's SOV - as Submitted	Scheduled Value	Completed prior period	Completed this period	Total % Complete	Total Earned to Date	Balance to complete	Amount retained
Site Related Work										
		Project General Conditions	$ 100,886.00	$ 100,886.00	$ 20,177.20	$ 13,115.18	33.0%	$ 33,292.38	$ 67,593.62	
		Supervision	$ 70,000.00	$ 70,000.00	$ 14,000.00	$ 9,100.00	33.0%	$ 23,100.00	$ 46,900.00	
		Bonds			$ -	$ -	0.0%	$ -	$ -	
		Insurance	$ 37,467.00	$ 37,467.00	$ 37,467.00	$ -	100.0%	$ 37,467.00	$ -	
		Site Mobilization	$ 8,562.00	$ 8,562.00	$ 8,562.00	$ -	100.0%	$ 8,562.00	$ -	
		UG Mobilization	$ 1,200.00	$ 1,200.00	$ 1,200.00	$ -	100.0%	$ 1,200.00	$ -	
		Gen Cond Mobilization	$ 1,855.00	$ 1,855.00	$ 1,855.00	$ -	100.0%	$ 1,855.00	$ -	
					$ -	$ -	0.0%	$ -	$ -	
		Submittals & Shop Dwgs	$ 7,500.00	$ -	$ -	$ -	0.0%	$ -	$ -	
		Water supply line & hydrants	$ 19,880.00	$ 19,880.00	$ 19,880.00	$ -	100.0%	$ 19,880.00	$ -	
		Septic Tank System	$ 18,486.00	$ 9,486.00	$ 9,011.70	$ -	95.0%	$ 9,011.70	$ 474.30	
		Leach fields		$ 9,000.00	$ 9,000.00	$ -	100.0%	$ 9,000.00	$ -	
		LPG slab & supports		$ 3,200.00	$ -	$ -	0.0%	$ -	$ 3,200.00	
		LPG gas piping	$ 27,900.00	$ 27,900.00	$ 19,530.00	$ -	70.0%	$ 19,530.00	$ 8,370.00	
		LPG tank & controls	$ 44,000.00	$ 44,000.00	$ -	$ -	0.0%	$ -	$ 44,000.00	
		Concrete/steel bumper posts		$ 7,600.00	$ -	$ -	0.0%	$ -	$ 7,600.00	
		Underground feeder conduit	$ 50,440.00	$ 50,440.00	$ 42,874.00	$ -	85.0%	$ 42,874.00	$ 7,566.00	
		Feeders	$ 26,000.00	$ 26,000.00	$ -	$ -	0.0%	$ -	$ 26,000.00	
		Main switch board & panels	$ 19,000.00	$ 19,000.00	$ -	$ -	0.0%	$ -	$ 19,000.00	
		Site lighting	$ 9,200.00	$ 9,200.00	$ -		0.0%	$ -	$ 9,200.00	
		Total Site Related Work	**$ 442,376.00**	**$ 445,876.00**	**$ 183,556.90**	**$ 22,215.18**		**$ 205,772.08**		
Summary										
		Total Office/Equipment - Crew - Storage	$ 1,965,090.00	$ 1,957,639.00	$ 251,632.18	$ 254,457.92		$ 506,090.10		
		Total Covered Equipment Storage	$ 112,615.00	$ 109,915.00	$ 17,485.20	$ 19,664.41		$ 37,149.61		
		Total Covered Storage Bins	$ 163,576.00	$ 164,076.00	$ 7,216.63	$ 9,815.06		$ 17,031.69		
		Total Salt Storage bldg	$ 174,992.00	$ 181,143.00	$ 18,125.72	$ 44,949.04		$ 63,074.76		
		Total Site Related Work	$ 442,376.00	$ 445,876.00	$ 183,556.90	$ 22,215.18		$ 205,772.08		
		TOTAL ITEM 23 BUILDING WORK	$ 2,858,649.00	$ 2,858,649.00	$ 478,016.64	$ 351,101.60		$ 829,118.24		
		Total Quantity Paid To Date:		0.290	of Lump Sum					
		Pay Quantity This Estimate:		0.123	of Lump Sum					

Prepby:
Date:

Hat Creek M.S.
Schedule of Values

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Unit Cost Bid Items		Unit	Total cost	Unit Cost	Estimated Total Quantity	Quantity Completed to date	Total Earned to Date	Balance to complete	Amount retained
1	Prepare SWPPP	LS	$ 3,000.00	$ 3,000.00	1.00	0.75	$ 2,250.00		
2	Water Pollution Control	LS	$ 18,900.00	$ 18,900.00	1.00	0.634	$ 11,982.60		
3	Temporary Concrete Washout Facility	EA	$ 1,350.00	$ 1,350.00	1.00	0.7	$ 945.00		
4	Remove Chain Link Fence	M	$ 2,376.00	$ 21.60	110.00	63	$ 1,360.80		
5	Clearing and Grubbing	LS	$ 4,000.00	$ 4,000.00	1.00	0.9	$ 3,600.00		
6	Roadway Excavation	M^3	$ 117,476.80	$ 24.68	4760.00		$ -		
7	Straw (Erosion Control)	Tonn	$ 2,462.40	$ 1,296.00	1.90		$ -		
8	Fiber (Erosion Control)	KG	$ 313.20	$ 1.08	290.00		$ -		
9	Compost (Erosion Control)	M^3	$ 561.60	$ 702.00	0.80		$ -		
10	Pure Live Seed (Erosion Control)	KG	$ 1,360.80	$ 151.20	9.00		$ -		
11	Commerical Fertilizer (Erosion Control)	KG	$ 207.36	$ 2.16	96.00		$ -		
12	Stabilizing Emulsion (Erosion Control)	KG	$ 185.76	$ 2.16	86.00		$ -		
13	Class 2 Aggragate Base	M^3	$ 109,603.20	$ 65.24	1680.00	186.19	$ 12,147.04		
14	Asphalt Concrete (Type A)	Tonn	$ 228,376.80	$ 104.76	2180.00		$ -		
15	Minor Concrete (Minor Structure)	M^3	$ 9,956.49	$ 1,070.59	9.30	22.62	$ 24,216.75		
16	100 mm Galvanized Steel Pipe	M	$ 3,609.40	$ 360.94	10.00		$ -		
17	900 mm Corrugated Steel Pipe Inlet (2.77mm T	M	$ 2,244.21	$ 748.07	3.00		$ -		
18	Miscellaneous Iron and Steel	KG	$ 8,533.80	$ 6.60	1293.00		$ -		
19	Chain Link Fence (Type CL-1.8)	M	$ 825.09	$ 187.52	4.40		$ -		
20	Chain link Feice (Type CL-1.8, Extension Arm)	M	$ 2,509.88	$ 147.64	17.00		$ -		
21	1.2 M Chain Link Gate (Type CL-1.8)	ea	$ 477.36	$ 477.36	1.00		$ -		
22	Rolling Chain Link Gate	EA	$ 5,271.48	$ 5,271.48	1.00		$ -		
	Total Unit Cost Bid Items 1-22		$ 523,601.63				$ 56,502.18		
	Total Contract Amount								

Figure C-5. Sample Schedule of Values, cont.

C-4 Sample Schedule of Values for Grass Lake SSRA

Included below is an example schedule of values (SOV) spreadsheet used on the Grass Lake SRRA, Project 02-4E6804 (see Figures C-6 for the "General Plan," and C-7 for the SOV). The water/wastewater upgrade of this rest area facility was completed in 2017. The project included site work, a sewage disposal system, and three structures.

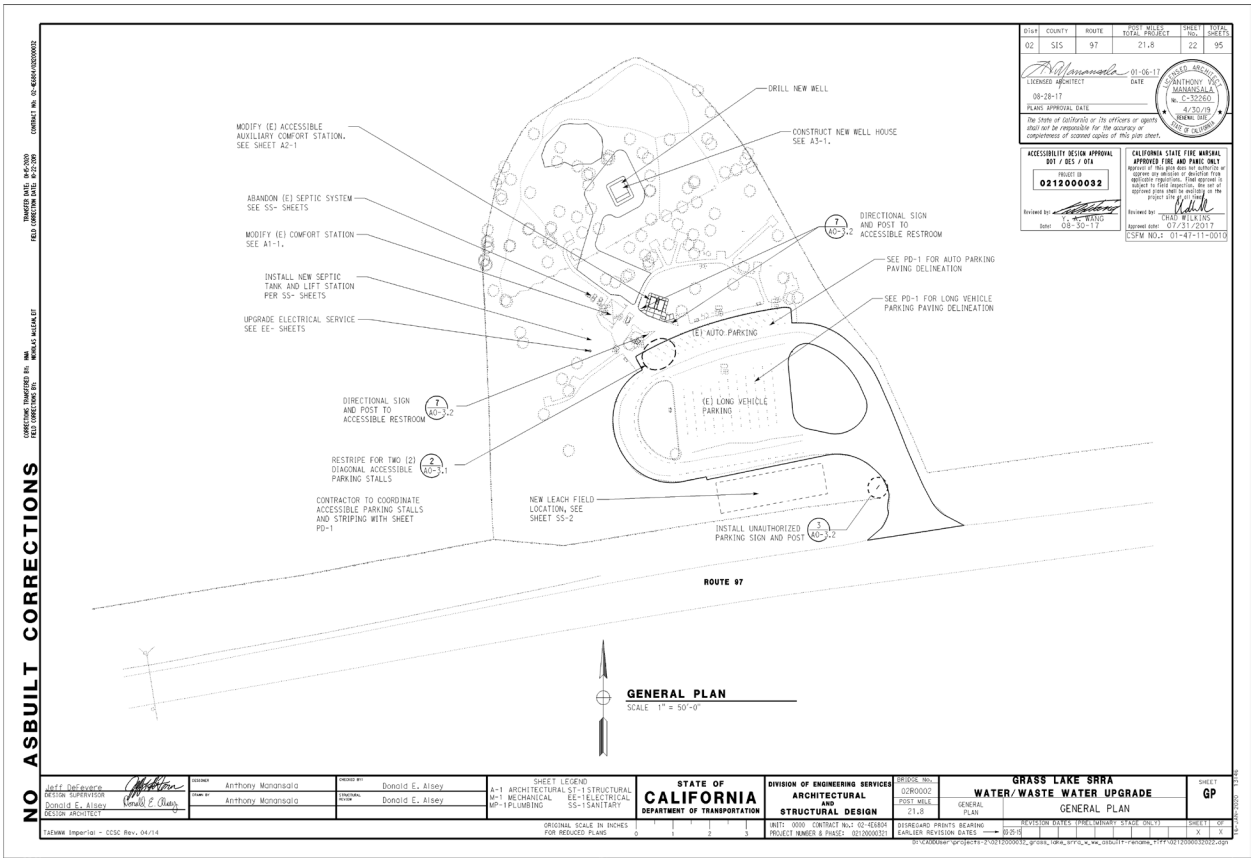


Figure C-6. General Plan

	CSI Division				Description-Trade/Craft/Component	Scheduled Value	Total % Complete	Total Earned to Date	Completed Prior Period	Completed This Period
Mobilization										
					Indirect	$ 200,000.00				
					Mobilization	$ 180,000.00				
					Bond	$ 50,000.00				
Field Engineering						$ 10,000.00				
Site Work - Handicapped Parking										
	02585				Striping parking stalls	$ 3,000.00				
	02844				Parking Bumpers	$ -				
	02846				Hanicapped Signage	$ 2,000.00				
Site Work - Sewage Disposal System										
		Leach Field								
	02210				Excavation and Rough Grading	$ 40,000.00				
	02220				Sand Bedding	$ 25,000.00				
	02729				Infiltration Chambers	$ 175,000.00				
	02220				Back Fill	$ 36,500.00				
	10445				Leach Field Signs	$ 5,000.00				
		Force Main - Effluent Tank to Leach field								
	02220				Excavation and Backfill	$ 20,000.00				
	02740				Piping	$ 2,000.00				
		Existing Sewage System								
	02076				Remove Existing Septic Tanks	$ 75,000.00				
	02076				Remove Existing Observation Wells	$ 2,000.00				
	02076				Abandon Existing piping and leach fields	$ 5,000.00				
		Sewage Treatment System (Sht SS-3)								
	02740				Urine Tank 3000 gallon	$ 35,000.00				
	02731				Sewage Lift Station	$ 150,000.00				
	02740				Septic Tank 3000 gallon	$ 35,000.00				
	02731				Sludge Contact and Media Tanks	$ 70,000.00				
	02740				Effluent Lift Station and Tank 6000 gallon	$ 40,000.00				
	02740				Piping and valves	$ 10,000.00				
	02740				Pipes from Aux Comfort Station	$ 10,000.00				
	02740				Pipe from Well house	$ 5,000.00				
	02740				Concrete collars around openings	$ 2,500.00				
Site Work - Water Supply System										
	02076				Abandon Existing Piping	$ 5,000.00				
	02739				New piping Well House to Comfort Station	$ 10,000.00				
Site Work - Electrical										
	16500				Area Light poles	$ 30,000.00				
	16050				Conduit & Conductors	$ 70,000.00				
	16912				Sewage Lift Station Control	$ 80,000.00				
	16913				Effluent Lift Station Control	$ 80,000.00				
Existing Comfort Station Building										
	10445				Signs	$ 1,000.00				
	07620				Patch Roof from electric service drop	$ 2,000.00				
	02071				Plumbing Fixtures-Remove	$ 15,000.00				
	15442				Plumbing Fixtures-New	$ 30,000.00				
	15060				Modifiy Plumbing in Utility Room	$ 10,000.00				
	16420				Relocate Electric Service Drop	$ 10,000.00				
	16432				Panel S	$ 5,000.00				
	16420				Metering and Service Disconnect	$ 1,000.00				
	16500				Exterior Lighting	$ -				
Auxiliary Comfort Station										
	10445				Signs	$ 1,000.00				
	02071				Plumbing Fixtures-Remove	$ 15,000.00				
	15442				Plumbing Fixtures-New	$ 30,000.00				
	15060				Modifiy Plumbing in Utility Room	$ 10,000.00				
	16500				Light Fixtures-New	$ 3,000.00				
	16050				Electrical Upgrades	$ 20,000.00				
Well House										
	02110				Clear and Grub	$ 5,000.00				
	02236				Free Draining Granular Material	$ 5,000.00				
	03300				Concrete Footings	$ 25,000.00				
	03300				Concrete Slab	$ 15,000.00				
	03300				Concrete Apron	$ 5,000.00				
	04230				CMU Walls	$ 30,000.00				
	06100				Roof Framing & Sheathing	$ 25,000.00				
	07212				Batt and Blanket Insulation	$ 5,000.00				
	07411				Metal Roofing	$ 15,000.00				
	07620				Sheet Metal Flashing	$ 2,000.00				
	07910				Joint Sealant	$ 2,000.00				
	08100				Door Frames and Louvers	$ 4,000.00				
	08100				Doors & Door Hardware	$ 1,000.00				
	09900				Painting	$ 20,000.00				
	10445				Sign Room Identification	$ 1,000.00				
	10522				Fire Extinguisher	$ 500.00				
	16050				Electrical Rough- conduits & conductors	$ 5,000.00				
	16432				Electrical Panels W &Well Pump	$ 10,000.00				
	16050				Electrical Finish	$ 10,000.00				
	16500				Lighting - Fixtures	$ 2,500.00				
	02739				1000Gal Pressure Tank	$ 5,000.00				
	223200				Water Treatment System	$ 10,000.00				
	15060				Water Piping	$ 2,000.00				
	15500				Radiant Heaters	$ 5,000.00				
	15500				Exhaust Fan	$ 2,500.00				
Totals					Scheduled Value	$ 1,828,500.00		0	0	0
					Subtotal Less Mobilization	$ 1,448,500.00		0		
					% Complete less Mobilization		$ -			
					Working Days to Date:					
					Working Days Prior Estimate:					
					Working Days This Period:	0				
					Indirect This Estimate:	$ -				
					Payment This Estimate					$ -

Figure C-7. Sample of Schedule of Values