

Kaupo School Infrastructure Systems and Support Hub Structure					EDB - 175
16-May-19	units	\$ per unit	item cost	subtotals	grant request
ENVIRONMENTAL: Construct new Septic System					
Septic System per bids 3x1.2k tanks, 3x1000' leach fld	1	\$85,000	\$85,000		
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DESIGN & PERMITTING, Mgmt, Arch Monitoring:					
Hub design drawings, Architectural, bid specs, permits	1	\$15,000	\$15,000		
Power & water system design drawings, permits, docs.	1	\$15,000	\$15,000		
Grant, Construction Management	1	\$10,000	\$10,000		
Archaeological Assessment	1	\$5,000	\$5,000		
DESIGN & PERMITTING:				\$45,000	\$45,000
FOUNDATION & SITE: Concrete Slabs, Ramps, Trenching					
Infrastructure Hub concrete floor slab, 50' x 70', 50 cu yds	50	\$320	\$16,000		
2 Ring foundations for 15,000 gal water tanks 10 cubic yds	10	\$320	\$3,200		
Power, water, septic runs, excavation, trenching, linear ft.	1500	\$10	\$15,000		
Concrete walkways between structures	1	\$5,800	\$5,800		
FOUNDATION & SITE:				\$40,000	\$40,000
INFRASTRUCTURE: Hub Roof Structure utility/wc					
Hub Shed Roof & framing, 30' x 50; 1500 sq ft	1200	\$22	\$26,400		
Utility Rooms, 2 rooms each 8' x 10'	160	\$60	\$9,600		
2 Lav/wc & shower rooms, each 8' x 8'	130	\$100	\$13,000		
Second Storage Container 20', one-trip, painting, trucking	1	\$6,500	\$6,500		
INFRASTRUCTURE: Hub Roof Structure				\$55,500	\$55,500
WATER SYSTEM: Storage Tanks, Filtration, Solar Heating					
Water Tanks, 15k gal, galv w/liner & mesh cvr, installed	2	\$30,000	\$60,000		
Plumbing, filter bank, uv, pressure pump & tank, standpipe	1	\$30,000	\$30,000		
Hot water panels, 2x 120 gal tanks, delta-t, circ. pump	1	\$10,000	\$10,000		
Plumbing, FixturesL lav/wc/showers	2	\$10,000	\$20,000		
WATER SYSTEM:				\$120,000	\$120,000
POWER SYSTEM: PV Panels, Batteries, Controls					
PV Panels, 300w monocrystalline	40	\$300	\$12,000		
Panel racking, SnapNrack, Hardware	1	\$10,000	\$10,000		
Inverters, chg controllers, metering, Outback Flexpower 4	1	\$38,000	\$38,000		
Wiring, equipment instal & shipping & elect materials	1	\$30,000	\$30,000		
Batteries 2000ah 48v lead acid mat	1	\$40,000	\$40,000		
POWER SYSTEM:				\$130,000	\$130,000
Subtotal Labor & Materials				\$475,500	\$475,500
Total			\$475,500	\$475,500	

RECEIVED AT EDB MEETING ON 5/16/19
 Jonathan Starr (EDB-175)

