

Budgetary Proposal

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TO	PROJECT
Blaine Worrell Sunrise Engineering	Hildale, UT

EQUIPMENT	UNIT	QTY	TOTAL
Lakeside Raptor® Fine Screen Model 24FS - 0.25 - 79	\$125,000	1	\$125,000

Due to the current volatility of stainless steel prices, budgetary cost of equipment may be subject to change.

SPECIFICATION				
Unit Capacity:	1.83	mgd	Maximum Headloss:	6 inches
Inclination:	35	degrees	Maximum Upstream Level:	12 inches
Bar Spacing:	0.25	inch	Nominal Basket Diameter:	24 inches
Water Requirements:	20	gpm at 60 psi	Transport Screw Diameter:	8 inches

SCREEN	CONTROL PANEL
AISI 304 stainless steel construction	NEMA 4X - 304 stainless steel main control panel
Structural support with anchorage	NEMA 4/7/9 local control station
3-plane cylindrical bar screen basket	Fusible disconnect switch with door handle
Rotating rake assembly with hinged cleaning comb	Control power transformer
Screw conveyor with helical flights	Eaton E4 series intelligent relay controller
2 hp drive unit with explosion-proof motor	Variable frequency drive with line reactor
3-Zone wash system with solenoid valves	Selector switches
Two (2) float switches	Indicator lights
Weather protection system	

EXCLUSIONS	
Grating across channel	Discharge chute
Handrail around perimeter of channel	Slide gates
Screenings collection containers	Manual bar screen
Piping, valves or fittings, unless noted otherwise	Spare parts or special tools
Interconnecting conduit or wiring	

OPTIONAL ITEMS	UNIT PRICE
Extra screen transport tube length (per foot of extra vertical height)	\$900
Screenings bagger - individual or continuous type	\$1,400

NOTES				
FOB:	Chariton, Iowa	Approvals:	6 to 8	weeks
Freight:	Freight allowed to jobsite	Shipment after Approval:	18 to 22	weeks
Start-Up Service:	2 days in 1 trip	Weight per Screen:	1,450	lbs
Warranty:	One (1) year	Installation Time per Screen:	32	hours