

# Scope Summary & Pricing

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REPRESENTED BY:  
 Trippensee Shaw, Inc.  
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TO	PROJECT
Indian River County Attn: Mike Loveday/Travis Parillo 772-226-3404 <a href="mailto:mloveday@indianriver.gov">mloveday@indianriver.gov</a> / <a href="mailto:tparillo@indianriver.gov">tparillo@indianriver.gov</a>	Replacement Raptor Unit IRC WWTP

EQUIPMENT	UNIT PRICE	QTY	TOTAL
<b>Lakeside Raptor® Septage Complete Plant Model 31SCPA-0.25</b>	<b>\$520,650</b>	<b>1</b>	<b>\$520,650</b>

*DUE TO CURRENT VOLATILITY OF STAINLESS STEEL PRICES, BUDGETARY COST OF EQUIPMENT MAY BE SUBJECT TO CHANGE*

DESIGN DATA					
Unit Capacity:	400	gal/min	@ 3% solids)	Maximum Headloss:	8 inches
Inclination:	35	degrees		Maximum Upstream Level:	14 inches
Bar Spacing:	0.25	inch		Nominal Basket Diameter:	31 inches
Water Requirements:	20	gpm at	60 psi	Transport Screw Diameter:	10 inches

COMPONENTS	
AISI 316 stainless steel construction	NEMA 4X - 316 stainless steel main control panel
Tank assembly with vent	Fusible disconnect switch with door handle
31FS Fine Screen with 2 hp drive	Control power transformer
4-Zone wash system with solenoid valves	Allen-Bradley MicroLogix 1400 PLC
8-inch horizontal grit transfer screw with 1 hp drive	Variable frequency drive with line reactor (screen)
8-inch grit dewatering screw with 2 hp drive	Motor starters (grit screws)
Air header with diffusers	Selector switches and push buttons
4-inch diameter pinch type inlet valve	Indicator lights
Blower Assembly with 2 hp drive	
Screen and grit discharge chutes	
Ultrasonic level controller with transducer	
Anchorage (stainless steel)	
Spare parts	

EXCLUSIONS	
Erection of equipment	RACS control station with flow meter
Concrete and grouting	RACS management & accounting system with PC computer
Piping, valves, or fittings unless noted otherwise	Type K external rock trap
Interconnecting electrical conduit and wiring	Screening & grit collection containers
Access stairway or platforms	
Special Tools	

OPTIONAL ITEMS	UNIT PRICE
Type K external rock trap	\$42,500
Screenings and grit baggers	\$2,600
Explosion proof design package	\$10,000
RACS control station with flow meter	\$39,200
RACS management & accounting system with PC computer	\$24,200

NOTES	UNIT PRICE
FOB: Chariton, Iowa	Approvals: 10 to 12 weeks
Full Freight Allowed to Job Site	Shipment after Approval: 34 to 38 weeks
Start-Up Service: 4 days in 2 trips	Shipping Weight per Unit: 8,000 lbs
Warranty: One (1) year	Installation Time per Unit: 80 hours (Excluding Grout)