



Date	Estimate #
Sep-28-2018	518002

## Name / Address

Duke University

## Ship to:

Duke University  
Ex-Works Factory

Environmental Compliance Product Solutions ~ Metal Storage Cabinets ~ Industrial Supply Products ~ Site Supplies

Rep: MR

Terms: Due with Order

Item	Description	Qty	U/M	Cost	Total
550-V03	<p>One (1) Helios 0.3 Incinerator System : System Capacity: .3 MMBt .3 MMBtu/hr waste combustion, providing 30-50 lb/hr processing capacity for solid waste streams with an average gross HHV range of 5500-8500 Btu/lb. Batch Capacity: Approx. 9-10 cu.ft. per 4-6 hr. batch cycle.</p> <p>Electrical required: Single point - 120 VAC, 25 amp</p> <p>Fuel Capacity: 25 gal. - diesel or #2 fuel oil</p> <p>Primary chamber: Type: fixed hearth, with controlled over &amp; under-fire air injection Chamber volume: 13.5 cu. ft. Hearth Area: 5 sq. ft. Burners capacity: .25 MMBtu/hr. nom. (modulated control) Construction: skid - 4in., 6.25lbs/ft., A36 channel shell - 10 ga., A569 carbon steel lining - 3in., 3000 degrees F 750 psi, (Plicast 3000KK) insulation - .25in., 550K, 2000 degrees F ceramic fiber</p> <p>Secondary chamber: Type: cyclonic thermal oxidizer with 1+ sec. r/t Chamber volume: 13.5 cu. ft. (std.) Burner capacity: .25 MMBtu/hr. (modulated control) Construction: shell - 10 ga., A569 carbon steel lining - 3in., 3000 degrees F 750 psi, (Plicast 3000KK) insulation - .25in., 550K, 2000 degrees F ceramic fiber</p> <p>Combustion air: Supply to burners, under-fire and secondary air injection .33 hp, 120VAC, 60 cfm</p> <p>Systems Control: Siemens PLC with Touch-screen operator interface To include: Primary &amp; secondary chamber temperature control Temperature actuated fuel and air control Burner interface** System status and alarm display Hydraulic systems control (applicable with optional loader) ** Discrete, UL, CSA, FM &amp; IRI burner monitoring/control w/CAD cell flame supervision provided for each burner</p> <p>Exhaust breaching: 10" dual wall, s.s., insulated stack (6ft. std.)</p>	1	each	\$43,137.50	\$43,137.50 Tax
NOTE	*****Availability: Typically available in 6-8 weeks from date of payment.	1	each	\$0.00	\$0.00 Tax

Credit terms available to existing approved customers only. All other customers can prepay via check, eCheck, Bank Transfer, or Credit Card. Engineering Services available through partners. Purchaser is solely responsible for product selection, suitability, engineering, design, performance, installation, and maintenance.

Granite Environmental, Inc. Terms & Conditions apply. Shipping Terms: Ex-works, unless otherwise specified. NOTE: Dimensions and color will vary and are selected based on production efficiencies. Should a specific color or size be required it must be requested prior to order and confirmed upon invoice. Prices are valid for 30 days unless otherwise noted. Freight is not included unless otherwise specified.

**NO WARRANTY PROVIDED WITHOUT AN APPROVED MSDS, CANCELLATION FEES MAY APPLY**

GEI Works

Sebastian, FL, 32958



**Quote**

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	<p>If this is a quantity or custom purchase the lead time may vary. (please re-confirm lead times at the time of your order....) *****</p> <p>All orders are Ex-Works unless otherwise noted. Prices exclude freight options - FOB Origin, Freight Prepaid and Add (please provide delivery address in order to provide freight rate).</p> <p>--&gt; Please note: Due to changing regulations and potential tariff changes, material cost increases or rising fuel costs, prices may be subject to change without notice. We price as competitively as possible. We appreciate your continued business!</p>				
Contact 7	<p>For more information on this estimate or your project please contact: Mario Ross - at GEI Works</p> <p>PH: 772-646-0597 FX: 772-589-3343 EM: MRoss@GEIWorks.com</p>	1	each	\$0.00	\$0.00 Tax
Visit Us: <a href="http://www.ErosionPollution.com">www.ErosionPollution.com</a> ~ <a href="http://www.Silt-Barriers.com">www.Silt-Barriers.com</a> ~ <a href="http://www.GraniteEnvironmental.com">www.GraniteEnvironmental.com</a> "Product Solutions for a Cleaner World"				Tax 0.00% <b>Total</b>	\$0.00 <b>\$43,137.50</b>

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