**Scope of Work:**

The Contractor shall furnish all labor, materials, tools and equipment necessary to install two incinerators for the Louisiana Department of Public Safety (DPS).

**Location:**

Joint Emergency Services Training Center (JESTC)

1400 W Irene Rd, Zachary, LA 70791

**Site Visit Contact:**

Lt. Ralph Onstad

504-473-1312

**Specifications:**

The Contractor shall install both incinerators to the electric and gas lines at the facility.

**Specify Brand/Model Bidding: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Color:** Red/Black

* Primary Chamber to include:
	+ Fully insulated internal refractory lining. Constructed from high grade refractory brick ensuring a self-supporting interlocking arrangement
	+ Fully interlocked, manually operated access door
	+ Waste ignition burner, temperature controlled on-off, complete with internal air fans
	+ Combustion burner, temperature controlled on-off, complete with internal air fans
	+ Secondary combustion burner air fans with automatically controlled distribution to their designated area
	+ One temperature sensor mounting point
* Secondary chamber to include:
	+ Fully insulated internal refractory lining. Constructed from high grade refractory brick and low thermal mass insulation.
	+ Secondary chamber burnout burner, temperature controlled on-off. Complete with internal air fans.
	+ Integrated combustion burner air fans with automatically controlled distribution to their designated area.
	+ All combustion fuel pipework
	+ All electrical components
	+ One temperature sensor mounting point at the base of the exit flue ensuring the chamber reaches the necessary 1100oC minimum

**Incinerator Dimensions:**

* External - 2988 L x 1114 W x 1821/4161 H (mm)
* Internal – 1140 L x 700 W x 800 H (mm)
* Chamber volume – 0.64 M3
* Weight – 4 (approx. tonnes)
* Max load capacity – 256kg
* Nominal burn rate (kg/hr) - <50
* Power supply (50/60hz) – 220-250v
* Thermal capacity (kW) – 270
* Door aperture – 670 x 550
* Control Panel – AIC
* Fuel Types – Diesel, LPG, N-Gas
* Insulation fire brick – Grade E23
* Insulation board – 25mm superwool
* Fire brick (alumina) – 42.5%

**Installation & Delivery shall include:**

* + CIF to Port
	+ DAP – Door to door
	+ Lead time anywhere from 10-16 weeks
	+ One year warranty
	+ Training to be included by the Contractor
	+ 1 years’ worth of incidental and consumable spares (gas)
	+ Touchscreen control panel and downloadable APP to monitor process on any mobile device.
	+ Safe disposal of confiscated narcotics, medicinal drugs and other types of drugs
	+ Front loading machine
* The Agency shall supply on-site lifting equipment