**RSO Model – REVOSTEAM - OIL**

**BOILER:**

* One Pressure part assembly consisting of closely wound helical Vertical

coil MS heavy class pipe

* One Down firing burner assembly.
* One Jacketed design to enclose the pressure part.

**ACCESSORIES:**

* One Boiler feed pump with relief valve mounted on boiler base frame.
* One Specially designed Efficiency Module comprising of atmospheric

economizer and heat optimizer to preheat the water.

* One Dust proof, pre-wired control panel housing necessary starters, fuses,

contactors, relays, etc.

**PIPING:**

* One Feed water line between economiser, feed pump and boiler.
* One Fuel oil line from filter to burner inlet.

**MOUNTINGS & FITTINGS:**

* One Main steam stop valve.
* One Auxiliary steam bypass valve.
* One Single port spring loaded safety valve.
* One Blow down valve.
* One Non return valve on feed water line.
* One Solenoid valve on fuel oil inlet to burner.
* One Isolating needle valve for indicating instruments.

**INSTRUMENTS CONTROLS & SAFETIES:**

* One Steam pressure indicator.
* One Digital Electronic Steam temperature indicator-cum-controller.
* One Steam pressure switch for ON/OFF combustion control.
* One Low-level control.
* One Flame failure device.
* One Audio visual alarm for abnormal conditions
* One Limit switch on blow down line

**BATTERY LIMITS:**

**STEAM** : Main steam stop valve.  
 Auxilliary steam by-pass valve.  
 Safety valve on steam outlet line.

**WATER** : Inlet of heat optimiser.  
 Blow down valve outlet.  
 Drain connection for water pump relief valve.  
 Air vent connection for economiser.

**FUEL** : Inlet of fuel oil filter.

**FLUE GAS** : Outlet of economiser.

**ELECTRICALS** : Terminal connectors on control panel.

**EXCLUSIONS:**

* Main Chimney and flue gas ducting
* Raw water & fuel oil storage tanks.
* Water treatment plant.
* Steam & water piping up-to/from our terminal points.
* All civil & structural work for installing the boiler.
* Unloading and positioning of boiler and accessories.
* Electrical cables up to control panel of boiler.
* Labour, tools & tackles, utilities (water, power, air etc) and consumables required for assembling, erection & commissioning the boiler, spares for installation, operation & maintenance.
* Fuel, water instruments & accessories for commissioning, operation & performance testing of boilers.
* Any other item not specifically mentioned in our offer.