

No		
A	<p><b>Medium Frequency Induction Melting/Casting Furnace</b>  <b>Specifications:</b>            1. Medium frequency induction melting furnace            (Induction melting generator along with tilting type melting casting unit)            2. Tilting Type Furnace</p> <ol style="list-style-type: none"> <li>Operating capacity in pure gold: 25 kg</li> <li>Furnace crucible: Graphite/Silicon Carbide</li> <li>Ceramic container for outer protection of crucible</li> <li>Max. operational temperature = 1600°C</li> <li>Crank for rotating the crucible</li> <li>Water cooled copper coil</li> <li>Crucible Dimensions:               <ol style="list-style-type: none"> <li>Top outer dia = 135 mm</li> <li>Bottom outer dia = 130 mm</li> <li>Height = 210 mm</li> </ol> </li> <li>Refractory Container Dimensions:               <ol style="list-style-type: none"> <li>OD = 164 mm</li> <li>ID = 150 mm</li> <li>H = 195 mm</li> </ol> </li> </ol>	01 No.
	<p>3. Induction Generator</p> <ol style="list-style-type: none"> <li>Power supply: 380V, 50 Hz, Three phase</li> <li>Max. Absorbed power: 13-15 KW</li> <li>Power, voltage, temperature etc should be digitally displaced.</li> <li>Power should increase or decrease by factor of 0.1 kW.</li> <li>Cooling mechanism for generator</li> <li>Thermocouples for temperature measurement of crucible and melt</li> </ol> <p>4. Water Chiller for Melting Furnace</p> <ol style="list-style-type: none"> <li>Model: TAEvo-051</li> <li>Power: 400±10% V, 3-Phase, 50 Hz</li> <li>Installed Power: 7.90 Kw</li> <li>Protection Rating: IP54</li> <li>Refrigerant: R407C</li> <li>Tank Volume: 115 liter</li> <li>Complete unit with all accessories like water pressure meter, high pressure meter, low pressure meter etc.</li> <li>Operational/Maintenance should be provided in English</li> <li>Make: M.T.A, SPA, Italy <i>or equivalent.</i></li> </ol>	
	<p>5. Induction coils = 03 Nos.            6. Spares include thermocouples, power modules, etc for 2-3 years for necessary trouble free operation.            7. Complete unit with all accessories.            8. Furnace layout, complete drawing of furnace body, coil, generators, technical/maintenance manuals and brochures should be provided in English etc.            9. Inspection: Pre-shipment inspection will be carried out at seller's premises. Two engineer of buyer will conduct inspection at seller's location.            10. Make: CEIA or Top Cast (France or Italy) <i>or Equivalent.</i></p>	

Note: While arranging offer following must be complied with:-

- Quote spares /accessories/ optional items for trouble free operation for 2-3 years.
- Supplier may quote other make/model of equivalent specifications.
- Quotation must be accompanied with detailed technical literature/brochure, Service & operational manual etc.