

EOI	N°	Equipment	Need expression
may 18	164	Plasma Cutting Machine (PCM)	Eol's are sought from suitable suppliers for the supply of a plasma cutting machine for steel sheet metal plates. The characteristics of the sheet metal plates to be cut shall be: • maximum length of 12 metres, • maximum width of 3.5 metres, • thickness between 5 mm and 40 mm • the sheet metal plate grade shall be: S355-type and HLE steel, occasionally stainless steel. • the maximum weight of the sheet metal plates shall be 12 tons.
may 18	166	Water Jet Cutting Machine (WJCM)	Eol's are sought from suitable suppliers for the supply of a water jet cutting machine for steel sheet metal plates. The characteristics of the sheet metal plates to be cut shall be: • maximum length of 9 metres, • maximum width of 3.5 metres, • thickness between 5 mm and 90 mm • the sheet metal plate grade shall be: S355-type and HLE steel, occasionally stainless steel. • the maximum weight of the sheet metal plates shall be 10 tons.
may 18	171	Automatic Welding Machine for Frames on Platings (AWMF)	Eol's are sought from suitable suppliers for the supply of a machine to weld automatically the frames to the plating. The automatic welding of the frames to the plating falls within the scope of the manufacturing and junction of submarine pressure hull cans. A can, the axis of which is horizontal or vertical, rests on the sub-assembly allowing its rotation. The chosen welding processes are the cored wire MAG under gaseous protection (136) or the submerged arc welding process (125), flat position (PB) for process (125) and flat position (PB) or flat / overhead position (PB / PD) for process (136). Welding is performed simultaneously on both parts of the frame web (opposed arcs) and in flat position (PB) or flat / overhead position (PB / PD). The elements to be welded are made of HLE steel. The total duration of the welding phase, non-destructive testing excluded, shall not exceed two consecutive days composed of two 7.5-hour work sessions. During automatic welding, the joint is preheated and held at a temperature of about 70 to 130° with a maximum temperature tolerance range of (0, + 30°C); these temperature requirements shall be complied with at the welding area or on the perimeter.
may 18	178	2-Axis Bevelling Machine (2ABM)	Eol's are sought from suitable suppliers for the supply of a machining machine for the plate sides and straight or formed parts in steel. The dimensions of the flat plates to be machined will be: • length between 200 mm and 7,500 mm, • width between 80 mm and 3,600 mm, • thickness between 5 mm and 170 mm. The maximum curve of the formed parts to be machined will be 1.5 metre. The maximum weight of the parts to be machined is 15 tonnes.
may 18	192	Horizontal Plate Rolling Machine (HPRM)	Eol's are sought from suitable suppliers for the supply of an industrial equipment tool dedicated to rolling cylindrical portions and metal structure truncated cones. Dimension: Rolling length up to 7 meters. Capabilities: Able to roll 60mm thick plates in cylindrical portions for a generating line of 4 meter with an Rp0.2 of about 700Mpa Able to roll 20mm thick plates in truncated cone portions for a generating line of 7 meters with an Rp0.2 of about 360Mpa.
may 18	194	Milling Machine for Cans (MMC)	Eol's are sought from suitable suppliers for the supply of a planing machine for machining the can frames and butts positioned on the rotating cradles Dimension capability example: Diameter: 6 to 9 meters Height: 1.5 to 4 meters Thickness of sheet metal plates to be machined: 10 to 70 millimetres Sheet metal plate grade S355 and HLE steel Bevel: symmetrical and asymmetrical double-V groove.
may 18	212	Straight Bevelling Machine (SBM)	Eol's are sought from suitable suppliers for the supply of digitally-controlled machining machine for the plates straight sides and mechanically-welded structures (parts not flat) in steel. The dimensions of the plates to be machined will be: • length between 200 mm and 9,000 mm, • width between 80 mm and 3,600 mm, • thickness between 5 mm and 170 mm. The condition of the plate side to be bevelled is as-flame-cut. The maximum weight of the parts to be machined is 15 tonnes.

may 18	221	Rotary Base for Cans (RBC)	Eol's are sought from suitable suppliers for the supply of rotating cradles. A rotating cradle is designed to support and drive in rotation, in both directions. The rotational speed of the cradle is between 0 to 2.5 revolutions per minute. Total weight on cradle 80 tonnes.
may 18	241	Vertical Plate Rolling Machine (VPRM)	Eol's are sought from suitable suppliers for the supply of an equipment item able to roll plates in cylindrical portions or full cylinders. Dimensions Rolling length up to 2.5 meters. Capabilities Able to roll 85mm thick plates in cylindrical portions for a generating line of 0.3 meter with an Rp0.2 of about 700Mpa over radii of about 4000mm. Able to roll 10mm thick plates in cylinders for a generating line of 2.5 meters with an Rp0.2 of about 360Mpa over radii of about 800mm. Able to roll 30mm thick plates in cylinders for a generating line of 1 meter with an Rp0.2 of about 700Mpa over radii of about 1000mm. Able to roll 20mm thick plates in cylinders.
may 18	767	Low Capacity Press (LCP)	Eol's are sought from suitable suppliers for the supply of machine tool dedicated to the straightening, forming and rectification after welding, cutting and machining of steel metallic structures. The structures to be rectified shall be: • up to 7-metre long, • up to 2-metre wide, • thickness between 5 mm and 40 mm • the sheet metal plate grade shall be: S355 and HLE steel, occasionally stainless steel. • maximum weight of the sheet metal plates shall be 3,000 kilogrammes.
may 18	827-828	Shot-Blasting and Painting Booths	Eol's are sought from suitable suppliers for the supply of equipment dedicated to the surface treatment through abrasive blasting and the painting of steel parts, such as: • Cylindrical sections up to 17.5 meters in length, with a diameter of 9 meters • Structures with large dimensions (example: Length = 15m, width = 6m, Height = 6.5m)