

03. TECHNICAL SPECIFICATIONS

DUPLICATE

3 TECHNICAL SPECIFICATIONS

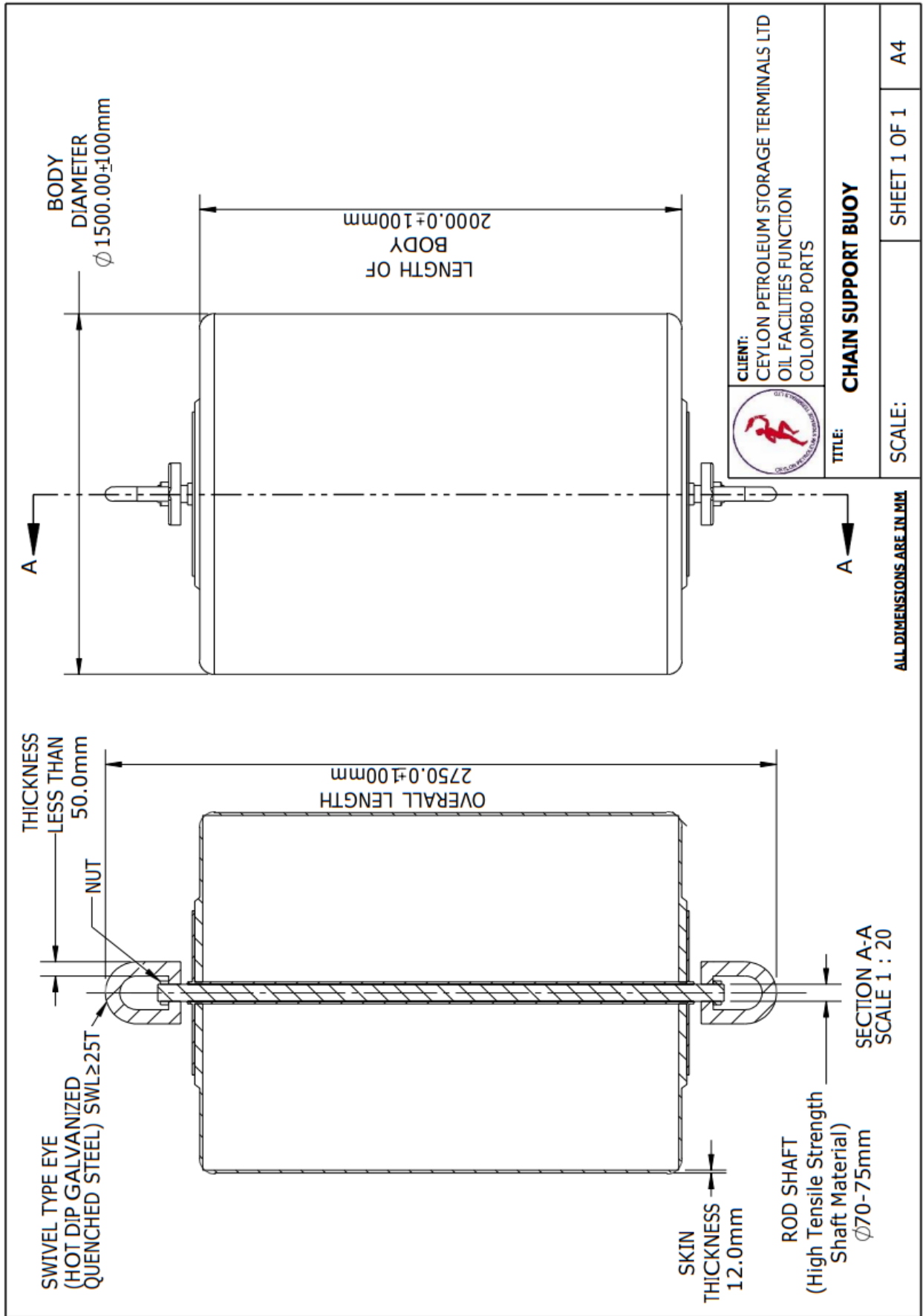
Buoy should be fitted with galvanized swivel eyes (SWL more than 25MT) at each end. Outer skin material of buoy should be very tough, resists to cutting and abrasion. Maintenance should be negligible at sea. In case of damaged due to severe weather should be possible to repair on site. Closed cell material should not absorb water. Dimensions and other details should in attached drawing.

Specifications for 02 Nos. of Swivel End Type Cylindrical Buoys

1. Length of body: 1900 mm-2100mm (dimensions as per attached drawings)
2. Overall length: 2650 mm-2850mm (dimensions as per attached drawings)
3. Diameter: 1400 mm-1600mm (dimensions as per attached drawings)
4. Swivel type eye at both ends (Hot dip galvanized quenched steel)
5. Minimum safe working load of swivel eye assembly including shaft more than: 25 Tons SWL
6. Overall safety factor for eye and shaft assembly should be equal or more than 4
7. Skin colour: Orange (Bright)
8. Core: Resilient closed cell expanded polyethylene foam filling. (Should not absorb water)
9. Impact resistance and high abrasion resistance polyurethane elastomer skin
10. Standard or heavy-duty skin thickness 12mm
11. Net Buoyancy: 6000 lbs - 6200 lbs
12. Weight in air: 520kg- 600kg
13. Mill and Test Certificate.
 - a. Mill and Test Certificate are to be supplied along with Buoy.
 - b. This shall be indicated with the quotation for evaluation purpose.
 - c. Supply of Mill and Test Certificate will be a documentary requirement for negotiation of letter of credit.

Other Conditions

1. Buoy manufacturing shall be in accordance with OCIMF 2000 standards.
2. Recent customer list shall be attached with the offer.
3. Third Party Pre-Shipment Inspection shall be arranged by the supplier in such a way that each consignment be subjected to a pre shipment inspection for proving SWL and buoyancy test, quantity, packaging & marking requirements at the sole discretion of CPSTL by an internationally reputed independent third party inspection company such as Lloyds, ABS, API, SGS, ISO-BVQI, etc.
4. Country of origin/manufacturer shall be mentioned.
5. Following information to be clearly indicated on each item by steel dye stamping or by water resistant paint.
 - a. Heat number & load
 - b. CPSTL Purchase Order No.
 - c. Manufacturer's Name & Country of Manufacturing
 - d. Manufacturer's serial No. and net buoyancy



Signature of the Bidder: Date:.....

(Common Company Seal)