Annexure-I

STAINLESS STEEL 316L ROUND BARS B.O.Q / TERMS & CONDITIONS

MATERIAL STANDARDS

ASTM ..... A 479 Type 316L

GENERAL

i) The Stainless Steel 316L Round Bars shall be provided in Hot Rolled, Annealed and Pickled condition.

ii) The Stainless Steel 316L Round Bars shall conform to the general requirement of ASTM A 484/A 484M – 12.

BILL OF QUANTITIES

Sr. #	Diameter of Rods (mm)	Quantity	
		No. of Rods (6m/length)	Weight (kg)
1.1	20	(05 Nos.)	75 Kg
1.2	40	(05 Nos.)	300 Kg
1.3	55	(05 Nos.)	570 Kg
1.4	70	(04 Nos.)	730Kg
1.5	235	(01 Nos.)	2055 Kg
1.6	300	(01 Nos.)	3350 Kg

TERMS & CONDITIONS OF SUPPLY

CHEMICAL COMPOSTION & MECHANICAL PROPERTIES

The stainless Steel 316L Round Bar shall conform to the requirements of chemical composition & mechanical properties as follow:

i) **Chemical Composition:**
The steel shall conform to the requirements as to chemical composition according to section 5 of ASTM A 479/A 479 M-12.

ii) **Mechanical Properties:**

The steel shall conform to the mechanical properties specified in section 7 of ASTM A 479/A 479 M-12.

TOLERANCES

The permissible tolerance in size of Round Bars must be according to section 9 of ASTM A 484/ A 484M-12a.

MILL TEST CERTIFICATE

Mill Test Certificate shall be provided in accordance with EN 10204:2004 Type 3.1

INTERGRANULAR CORROSION TEST

Intergranular Corrosion Test must be carried out for each batch in accordance with Practice C of ASTM A262-02a and provide along with Mill Test Certificate.

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INSPECTION

i) Inspection of material by the purchaser's representative at the production site shall be foreseen as part of the purchase order.

ii) The manufacture shall afford the purchaser's inspector all reasonable facilities necessary to satisfy the inspector that the material being furnished is in accordance with the specifications.

PACKING & MARKING:

The packing and marking of each piece shall be in accordance with ASTM Practice A700 and marked with:

i) Type of Stainless Steel, Identification no. and Heat no.

ii) Name / mark of manufacture.