

**URANIUM CORPORATION OF INDIA LTD.**

(A Government of India Enterprises)

Tummalapalle

(P.O.) M. C. Palle, Vemula (M), Dr.Y.S.R.Reddy Dt., Andhra Pradesh – 516 349

Annexure-1

Public Tender No. : TMPL /PUR/355 /252

Item: Light Diesel Oil

**TECHNICAL SPECIFICATION OF LIGHT DIESEL OIL (IS 15770: 2008)**

Sl No.	Characteristics	Requirements
1	Carbon residue (Ramsbottom) % by mass	1.5 Max
2	Acidity, total mg of KOH/G, Max	Nil
3	Ash, percent by mass, Max	0.02
4	Pour point, Max	12°C for winter and 21°C for summer
5	Copper strip corrosion for 3 h at 100°C	Not worse than No. 2
6	Flash point, Pensky-Martens, °C, Min	66
7	Kinematic viscosity, cSt, at 40° C	2.5 to 15.7
8	Sediments, percent by mass, Max	0.10
9	Relative Density at 15°C, kg/m <sup>3</sup>	820-880
10	Total Sulphur, percent by mass, Max	1.8
11	Water content, percent by volume, Max	1