

**SPECIAL TERMS AND CONDITIONS OF CONTRACT (SCC)**

**Tender No-3910184 dt. 21.09.2019 For supply of LED Fittings**

**1 Material Description :**

Sl No	Material Description	Quantity
1	LED street Light Fitting 90 W LED Street Light Fittings, complete unit with LED assembly, Constant Current Driver, Epoxy coated housing, optics and mounting accessories, Wattage: 90 Watts (nearest higher value is acceptable) Fitting should be suitable for mounting on 40 mm/50 mm diameter pipe. Any clamps/fixtures required for mounting should be provided by the supplier Note : General Specifications for LED light fittings are are Annexure-A	100.00 Nos
2	LED street Light Fitting 30 W LED Street Light Fittings, complete unit with LED assembly, Constant Current Driver, Epoxy coated housing, optics and mouting accessories, Wattage: 30 Watts (nearest higher value is acceptable) Fitting should be suitable for mounting on 40 mm/50 mm diameter pipe. Any clamps/fixtures required for mounting should be provided by the supplier Note : General Specifications for LED light fittings are are Annexure-A	60.00 Nos
3	LED ELL GLASS LIGHT FITTING 30 W LED Well Glass Light Fittings, complete unit with LED assembly, Constant Current Driver, Epoxy coated housing, optics and mounting accessories, Wattage: 30 Watts (nearest higher value is acceptable) Mounting should be on top eye bolt Note : General Specifications for LED light fittings are are Annexure-A	40.00 Nos
4	LED HIGH BAY LIGHT FITTING 100 W LED High Bay Light Fittings, complete unit with LED assembly, Constant Current Driver, Epoxy coated housing, optics and mounting accessories, Wattage: 100 Watts (nearest higher value is acceptable) Mounting should be on top eye bolt Note : Detailed Specifications common to all the four items above are in Annexure-A. The tenderer shall furnish compliance or remarks in the column provided against each parameter.	20.00 Nos

**2 Eligibility Criteria :**

1. Tenderer should have experience of having successfully completed similar orders during any one of the last 5 years ending last date of the month previous to one in which tender is invited. Here similar order means the orders for supply of LED light fittings to any registered organisation. Experience should be any one of the following:
  - (a) Three similar order must have been completed each valuing not less than Rs 1.7 lakhs  
OR
  - (b) Two similar orders must have been completed each valuing not less than Rs 2.26 lakhs  
OR
  - (c) One similar orders must have been completed each valuing not less than Rs 3.4 lakhs
2. As proof of supply experience, Tenderer should submit self-attested photocopies of the following documents with their offers: Purchase orders & corresponding supply invoice/Excise duty gate pass or completion certificate or performance certificate.

General specifications for LED light fittings applicable to all the four items in the tender. The vendor shall fill in the "Supplier's compliance / remarks" column and enclose it with the offer.

SL No.	Technical parameter	Required	Supplier's compliance remarks
1	Input Voltage	110-270V, single phase, 48-50 Hz. (Wider range is acceptable)	
2	Power Factor of the complete fitting	>0.9	
3	Housing	Aluminium Die cast housing Ingress protection : IP 65 or higher.	
4	Environmental conditions	Ambient temperature of + 5 deg C to 50 deg C Humidity : 10% to 80% RH	
5	Colour temperature of the LEDs	Between 5000K to 7000K <b>Test Certificate to be provided.</b>	
6	LEDs used in the luminaries should be sourced from any of the given manufacturers	Cree, LG Innotech, Lumileds(Philips), Osram, Nichia, Citizen (Japan), Toyoda Gosei. The tenderer shall produce proof of sourcing LEDs from any of the above sources.	
7	Minimum viewing angle/ Beam angle	100 degree	
8	Wire used for internal wiring	Internal Wiring should be made with copper wire	
9	Facility for external connection (input supply)	The fitting should be pre-wired with 2 metre length Copper flexible wire for external connection	
10	Protection features of the electronic driver unit	Output Overvoltage protection Surge protection Short circuit protection Reverse polarity protection	
11	THD (Total Harmonic Distortion)	<10% <b>Test Certificate should be enclosed</b>	
12	Warranty for LED assembly and CC Driver	3 years. Repair or replacement	
13	Conformation to standards	LM-79 and LM 80 / IS-16105 IS-16103, IS-10104	