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Help

## Item Rate BoQ

Tender Inviting Authority: Asst. Gen. Manager (Engg.-Elect)

Name of Work: "SITC of High Mast for illumination of Apron Extension and Associated Electrical works at SVPI Airport Ahmedabad."

Contract No:

Name of the  
Bidder/ Bidding  
Firm /  
Company :

## PRICE SCHEDULE

(This BOQ template must not be modified/replaced by the bidder and the same should be uploaded after filling the relevant columns, else the bidder is liable to be rejected for this tender. Bidders are allowed to enter the Bidder Name and Values only )

NUMBER #	TEXT #	NUMBER #	TEXT #	NUMBER #	NUMBER #	TEXT #
Sl. No.	Item Description	Quantity	Units	RATE (excluding GST) In Figures To be entered by the Bidder Rs. P	TOTAL AMOUNT	TOTAL AMOUNT In Words
7	Supply of Flood light LED fitting with minimum output of 14250 lumens and wattage not more than 150 W, suitable for 230V Single Phase AC supply, 50Hz, PF>0.95, CRI>70, CCT - 4000K. Life of fitting not less than 50000 hrs complete as required. Luminaire should have high pressure die cast Aluminium/standard alloy housing with surge protection system. Luminaire should have proper thermal management. Min IP protection should be IP65. The fixtures should comply with the specification available in respective Indian Standard Code for BIS. The fitting should have minimum 5 years warranty for complete luminaire including Driver & control gear etc complete as required suitable for Apron High Mast.	104,000	Each		0.00	INR Zero Only



### SPECIFICATION FOR LED LIGHT LUMINAIRE

- a) **THE SUCCESSFUL BIDDER SHALL FULFILL THE FITTING SPECIFICATIONS TABULATED BELOW FOR THE LED LIGHT FIXTURE TO BE SUPPLIED AGAINST THE SOQ ITEMS AND GET IT APPROVED BY THE ENGINEER –IN- CHARGE FOR SUPPLYING THE SAME.**

S. No.	Description	Specification
1	Efficiency of LED Light fittings(efficacy)	Min 95 Lumens / Watt
2	Life of LED fitting	Not less than 50,000 burning Hrs
3	Approved Make of LED	Nichia/ Cree/ Osram/ Philips (Lumiled)/ Sharp/ Seoul (See Note Below)
4	CRI (Colour Rendering Index)	Min 80 for Indoor application and Min 70 for Outdoor applications.
5	Total Harmonic Distortion (THD)	< 10%
6	Type of Housing	Extruded Aluminium / standard alloy housing for indoor application and High pressure die cast aluminium / standard Alloy for outdoor application
7	IP category	IP 20 or higher for Indoor application and IP 65 or higher for outdoor application.
8	Surge Protection	Shall be provided confirming to relevant IS standard / IEC 61643 - II class-2 and EM 61643 - II type 2.
9	Labelling Identification mark	Manufacturer's Name / Logo engraved / embossed on housing / Body or name / Logo on aluminium plate labels or name / Logo printed on housing / body.
10	Warranty Period	Five Years warranty from actual Date of Completion of Work on complete luminaire including driver / control gear, LED all accessories etc.
11	Power factor	Equal to 0.95 or more
12	Total Power Consumption of Fitting	Not more than 110% of Rated Capacity of LED Lights.

Note : An undertaking be obtained from fitting manufacturer regarding confirmation about use of said make LED's in their fittings.