

REQUEST FOR BUDGETARY ESTIMATE

HSCC/SJH/NEB_SSB/01

Date: 03.05.2024

HSCC (India) Ltd. Invites all bidders to submit the Budgetary quotation for Supply, Installation, testing & commissioning of **LED lights** for a reputed Hospital in Delhi. The details of BOQ with technical specification is attached at **Annexure "A"**

Terms & Condition:

1. **Consignee:-**Super Specialty Block (SSB)and New Emergency Block (NEB), Safdarjung Hospital, New Delhi
2. **Deliver period:**60 days
3. **Installation period:** 30 days
4. **Warranty:** 3 years
5. Cost included 3 years warranty, loading – unloading, freight (to &fro), labor charges testing and commissioning.
6. **Terms of Payment :** 60% on Supply, 40% on installation, testing, commissioning & Hand Over.

Note: All bidders are advised to visit the consignee and physically check the actual condition of site before submit their quotation.

OEM or OEM authorized agencies shall submit their quotation on company letter head duly singed & stamp **within 5 days** on the address /email as mentioned below:-

General Manger, Sh. Rupinder Kumar

HSCC (I) Limited

E 6 (A), sector 1 , Noida , UP

Email:r_kumar@hsccltd.co.in,a_singh@hsccltd.co.in,kuldip@hsccltd.co.in

ANNEXURE-A (Bill of Quantity)

New Emergency Block & Super Specialty Block, Safdarjung Hospital, New Delhi.

Item Number	Item Title	Quantity	Unit Price	% GST	Total Amount in Rs.
1	SITC of 40W LED batten of 4ft as per Specifications	2052			0
2	SITC of 36 Watt IP 20 LED 2 feet x 2 feet fixture Recessed or surface type as per Specifications	1324			0
3	SITC of surface/recess mounted 18W Round or Square Non Dimmable Downlight as per Specifications	200			0
4	SITC of 10 W LED batten of 2ft (for mirror) as per Specifications	1200			0
5	90 watt LED street light fixture in die cast aluminium body with 90 watts LED lamp as per Specifications	50			0
6	SITC of 40 watt LED Post top lantern with 40W LED as per Specifications	40			0
7	SITC of surface/recess mounted 40-50W Round flood light in Porch area as per Specifications	95			0
8	SITC of 9 W LED lamp wall bracket LED light as per Specifications	25			0
TOTAL		4986			0

ANNEXURE-A (Technical Specifications)

New Emergency Block & Super Specialty Block, Safdarjung Hospital, New Delhi.

Sl.No.	Technical Specifications
1	40W LED batten of 4ft length extrusion aluminum housing, suitable for Surface, wall mounted, fixture should have minimum efficacy at System level ≥ 110 lumens/watt with Minimum system Lumens 4000, CCT of 6500K (SDCM ≤ 5), CRI > 80 , PF > 0.90 , Operating working temp range - $0^{\circ}\text{C} < \text{Ta} < 45^{\circ}\text{C}$, an operating Voltage Range of 140 - 277 VAC. Power consumption should not more than the Specified rating.
2	36 Watt IP 20 LED 2'x2' fixture, Recessed / surface type, having efficacy of not less than 100 lumen / watt, made out from CRCA housing and with high purity / transmissivity diffuser for uniform light distribution high efficiency driver electronics and its compliance to IEC standard integral with light fixture), life time of more than 50000 burnings hours, CCT 6000K minimum], CRI >80 driver maintainine PF >0.9 . Power consumption should not more than the Specified rating.
3	IP20 LED Recessed 18W Round / Square Non Dimmable Downlight with die-cast aluminum housing & Heat Sink for heat dissipation, high purity reflector with external BIS certified 2'5 KV surge protected driver having efficiency $>85\%$ and in compliance to IEC standards. System Lumen efficacy of > 100 lm /watt and life time of minimum 35000 Burning Hours with 70% of initial Lumen maintained, CCT 6000'K , maximum Power consumption should not more than the Specified rating.
4	10W LED batten of 2ft length extrusion aluminum housing, suitable for Surface , wall mounted, fixture should have minimum efficacy at System level ≥ 110 lumens/watt with Minimum system Lumens 1000, CCT of 6500K (SDCM ≤ 5), CRI > 80 , PF > 0.90 , Operating working temp range - $0^{\circ}\text{C} < \text{Ta} < 45^{\circ}\text{C}$, an operating Voltage Range of 140 - 277 VAC. Power consumption should not more than the Specified rating.
5	90W LED Street Light Luminaire on existing bracket/pole. Fixture made of powder coated single piece pressure die cast aluminum LM6/ ADC12 material with heat dissipation fins on housing with UV stabilized PC/Toughened Glass cover and secondary lens on each LED & should be SMD type . The System level Luminaire efficacy ≥ 120 lm/ wt with High Power LEDs is to be used and potted driver must be potted & has a unique BIS R number with Input Voltage AC 120 to 270 V AC with High voltage Cutoff ≥ 300 V AC and Auto resetting Safety ,Input Frequency 50Hz $\pm 3\%$ Power Factor > 0.95 driver Efficiency $> 85\%$,THD(I) $< 10\%$ Humidity .
6	40W LED Post top Light system. Fixture made of powder coated die cast alluminium housing with UV stabalized PC diffuser. The System level Luminous efficacy ≥ 90 Lumen/W. SMD LEDs is to be used, System CRI >70 , CCT: 3000/4000/6500 K. The integral electronic driver must be potted & has a unique BIS R number must be potted & has a unique BIS R number constant current and Internal/external surge protection device of min. 4KV(L-N) and efficiency $> 85\%$, PF >0.9 , THD $<20\%$ and input Voltage range of 90-270V AC at 50Hz. System life of 30000 Burning hours with 70% of Initial Lumens maintained Light output in Cool white
7	40-50W IP-66 protected high power LED flood light system with Pressure diecast aluminium housing LM6 ADC12 material , toughened glass diffuser with suitable lenses on LED to achieve various beam angles, 240 volt, 50Hz, of high power LED lamps . The System level Luminaire efficacy ≥ 120 lm/ wt with High Power LEDs is to be used . LED driver Input Voltage AC 120 to 270 V AC Power Factor > 0.95 ,driver Efficiency $> 85\%$, THD(I) $< 10\%$, System life of 30000 Burning hours with 70% of Initial Lumens maintained, CCT 5700K ± 355 K. Driver current < 1000 mA
8	wall bracket with arm fabricated Decorative, wall mounting, fixture suitable for 9 W LED lamp B22 base with LED lamp.