

## QUOTATION

**Name of work:** Repairing & replacement of electrical installation in Main Auditorium for organizing of convocation-2026 program on dated 15 July 2026

S.No.	Description	Qty.	Unit	Rate	Amount
1	Supplying and drawing following sizes of FRLS/HFFR PVC insulated copper conductor, single core cable in the existing surface/ recessed steel/ PVC conduit as required.				
a	3 x 4 sq. mm	20.00	Meter	219.80	4396.04
2	Supplying and fixing metal box of following sizes (nominal size) on surface or in recess with suitable size of phenolic laminated sheet cover in front including painting etc. as required.				
a	180 mm X 100 mm X 60 mm deep	3.00	No.	279.21	837.62
3	Supplying and fixing following piano type switch/ socket on the existing switch box/ cover including connections etc. as required.				
a	5/6 amps switch	2.00	No.	62.38	124.75
b	15/16 A switch	2.00	No.	138.61	277.23
c	3 pin 5/6 A socket outlet	2.00	No.	80.20	160.40
d	6 pin 15/16 A socket outlet	2.00	No.	154.46	308.91
4	Supplying and making end termination with brass compression gland and aluminium lugs for following size of PVC insulated and PVC sheathed / XLPE aluminium conductor cable of 1.1 KV grade as required.				
a	3½ X 70 sq. mm (38mm)	1.00	No.	536.63	536.63
5	<b>LED Down lighter (SMD Type) (System lumen efficacy &gt;135lm/Watt)</b> Supplying, Installation, Testing & Commissioning of LED Recessed/surface Down lighter (Round /square/Rectangular) SMD type of following body material with PMMA and prismatic diffuser and construction as per IS : 10322 with driver as per the requirement with Driver efficiency >85%, Operating voltage AC 140-270 Volt, frequency 50/60 hz, Operating temp range - 5 degree C to 40 degree C internal surge protection of 2.5 KV with Short & Open circuit protection ,THD < 10% , P. F.=0.95, IP20, CRI >80, UGR (Unified Glare Rating) < 19, Flicker free, (flicker should be below 5 %), life time (LED, Driver & electrical circuitry), life time of minimum 50000 Burning Hours with 70% of initial Lumen maintained till life ends as per LM80 extrapolation IES TM-21-11 report, CCT 3000°K/ 4000°K /5700°K / 6500°K (As per ANSI Bin), SDCM(Standard Deviation Color Matching) <3, Maximum power consumption should not more than the specified rating and Fixture shall be of relevant BIS standard. Manufactures Word Mark/ Name Engraved/ Embossing/ Screen printing on housing. complete in all respect i/c external connections with 1.5 sq mm FRLS/HFFR, PVC insulated copper conductor single core cable and earthing etc. as required with Minimum 5 year OEM warranty. System lumen efficacy >135 lm/Watt output. LM79 & LM80 Test report and all testing required for LED fixtures as per BIS shall be submitted. Shape size and CCT shall be as approved by Engineer-in-Charge as per requirement. (Thermal management: heat sink of aluminium housing such that LED junction temperature shall not rise above 90°C). Powder coated die cast /Extruded aluminium Body including trim .				
a	18 watt	4.00	No.	994.06	3976.24

6	<p><b>LED Street light fixture, powder coated pressure die cast aluminium body (System lumen efficacy &gt;135 lm/Watt).</b> Supplying, Installation, Testing &amp; Commissioning of Street light LED fixture, powder coated pressure die cast aluminium body with built in or separate driver as per the requirement with Driver efficiency &gt;85%, Input voltage: 140-270 Volt AC, frequency 50/60 hz, Operating temp range -5 0C to 50 0C, internal surge protection of 5 KV L,N,E as per IEC 61000-4-5, Driver efficiency &gt;85%,THD &lt; 10% as per IEC 61000-3-2, P. F.=0.95, IP-66,IK-10, CRI &gt;70, under voltage and over voltage protection, EMI-EMC as per CISPR-15, lenses for beam angle as per IESNA type I/II/III as per the width of the road and the project requirement., suitable to fit in up to 65mm dia pipe, life time (LED,Driver &amp; electrical circuitary) of minimum 50000 Burning Hours with 70% of initial Lumen maintained till life ends as per LM80 extrapolation IES TM-21-11 report, CCT 3000°K / 4000°K / 5700°K /6500°K (As per ANSI Bin), SDCM(Standard Deviation Color Matching) &lt;5, Maximum power consumption should not more than the specified rating and Fixture shall be of relevant BIS standard complete in all respect i/c external connections with 1.5 sq mm FRLS/HFFR, PVC insulated copper conductor single core cable and earthing etc. as required with Minimum 5 year OEM warranty. System lumen efficacy &gt;135 lm/Watt output . LM79 &amp; LM80 Test report and all testing required for LED fixtures as per BIS shall be submitted.. Shape size and CCT shall be as approved by Engineer-in-Charge as per requirement. (Thermal management: heat sink of aluminium housing such that LED junction temperature shall not rise above 90°C).</p>				
a	70/72 watt	3.00	No.	2552.48	7657.43
7	<p><b>LED Flood Light, powder coated pressure die cast aluminium (System lumen efficacy &gt;135 lm/Watt)</b> Supplying, Installation, Testing &amp; Commissioning of Flood Light, powder coated pressure die cast aluminium body with built in or separate driver as per the requirement with Driver efficiency &gt;85%, Input voltage: Input voltage: 140-270 Volt AC, frequency 50/60 hz, Operating temp range -5 0C to 50 0C, internal surge protection of 5 KV L,N,E as per IEC 61000-4-5, Driver efficiency &gt;85%,THD &lt; 10% as per IEC 61000-3-2, P. F.=0.95, IP-66,IK-10, CRI &gt;70, under voltage and over voltage protection, EMI-EMC as per CISPR-15, lenses for beam angle 30 deg-120deg as per the application and the project requirement., suitable tilt able fitting, life time (LED, Driver &amp; electrical circuitry) of minimum 50000 Burning Hours with 70% of initial Lumen maintained till life ends as per LM80 extrapolation IES TM-21-11 report, CCT 3000°K / 4000°K /5700°K /6500°K (As per ANSI Bin) , SDCM(Standard Deviation Colour Matching) &lt;5, Maximum power consumption should not more than the specified rating and Fixture shall be of relevant BIS standard complete in all respect i/c external connections with 1.5 sq.mm FRLS/HFFR, PVC insulated copper conductor single core cable and earthing etc. as required with Minimum 5 year OEM warranty. System lumen efficacy &gt;135 lm/Watt output. LM79 &amp; LM80 Test report and all testing required for LED fixtures as per BIS shall be submitted. Shape size and CCT shall be as approved by Engineer-in-Charge as per requirement. (Thermal management: heat sink of aluminium housing such that LED junction temperature shall not rise above 90°C).</p>				
a	200 watt	5.00	No.	5449.50	27247.52
8	Supply and fixing testing and commissioning of 10 watt LED bulkhead fixture with Electronic driver, lamp, reflector, diffuser, MS body/housing holder etc. complete with all fixing accessories and lamp as required complete.(eq. To Crompton cat. no. LBHE-10-CDL	1.00	Nos.	1500.00	1500.00
9	Supply fixing connecting & commissioning of 5 Amp. 3 pin Plug top ISI mark as reqd.	2.00	Nos.	112.87	225.74
10	Supply fixing connecting & commissioning of 15 Amp. 3 pin Plug top ISI mark as reqd.	2.00	Nos.	133.66	267.33
11	Supply and drawing following PVC insulated copper conductor flexible round cable for connection of equipment, exhaust fan, AC etc. as reqd.				
12	3 core 2.5 Sq.mm	50.00	Meter	228.71	11435.64
13	Supply and fixing of 32 x 20 mm DLP mini- trunking white-system with independent cover etc. as required complete.	30.00	Meter	329.70	9891.09

14	Supply and fixing of following accessories suitable for 32 mm x 20 mm size plastic trunking white system.				
a	End cap	2.00	Nos.	189.11	378.22
b	internal / external angle	4.00	Nos.	176.24	704.95
c	changeable flat angle	1.00	Nos.	216.83	216.83
d	flat junction	1.00	Nos.	355.45	355.45
<b>Fan repairing</b>					
15	Overhauling of following ceiling fan/Wall fan of any size <b>including dismantling and refixing</b> of fan, bearings, checking, cleaning the all parts and supplying & replacement of rubber real, rubber rings, nut bolts, hanger clamps, bearing plates, cotter/ split pin, varnishing if reqd etc, reassembling testing and commissioning of fan as required complete.				
a	ceiling fan	76.00	Nos.	522.77	39730.69
16	Supplying and fixing following capacity capacitor suitable for ceiling fan / exhaust fan / air-curtain etc.				
a	2.5/4.0mfd	22.00	Nos.	134.65	2962.38
17	Dismantling & refixing of any size fan from normal height etc. as required.				
a	ceiling fan	76.00	Nos.	373.27	28368.32
18	Painting of ceiling fan in installed position with one or more coats of spray painting with synthetic enamel paint of approved brand and manufacture to give an even shade, including cleaning of surface with detergent etc. as required.	14.00	No.	184.16	2578.22
19	Cleaning of ceiling fan/wall fan with detergent at site and replacement of damaged items i.e. rubber real, cotter pin, capacitor clamp, nut and bolts of hanger clamps etc as required.	62.00	Nos.	161.39	10005.94
<b>Total Estimated ( i/c GST)</b>					154143.5644
<b>Say Rs.</b>					<b>154144.00</b>
Quoted Percentage above/below					
Quoted Amount Rs (i/c GST)					

Bidder Signature & Date

Bidder Seal

*T. Kesava*  
29/06/26  
ताल्लुरि केशवदास  
TALLURI KESAVADAS  
अभियंता (विद्युत)  
Executive Engineer (Elect)  
स.मि.वि. मा.जी. संस्थान, कानपुर  
S.M.V.D., I.I.T. Kanpur