

# PANDIT DEEN DAYAL UPADHYAYA SHEKHAWATI

UNIVERSITY, SIKAR (RAJ.)

No. 27820

Date: 11-03-2025

E-Tender No. 26/2024-25



**Tender For Design and Automation of Electrical Front Façade Lightning system for all buildings and main gate inside campus of Pandit Deendayal Upadhyaya Shekhawati University Sikar, Rajasthan.**

**Important Dates:**

Date of Publishing	:	11.03.2025
Last Date for Submission Tender	:	01.04.2025 (at 3.00 pm)
Date of opening of Tender	:	01.04.2025 (at Registrar Office)
Cost of E-Tender Document and Fee	:	3000/-*
Estimated Cost of Tender	:	2,72,00,000.00/-
EMD Bid Security for the tender cost @ 2%	:	
Exemption will be allowed as per RTPP rules 2013:	:	5,44,000.00/-
E-Tender processing fee in favor of MD, RISL Jaipur :	:	2000/-

\*Note: Demand Draft/Banker's Cheque in favor of Registrar, Pandit Deendayal Upadhyaya Shekhawati University payable at Sikar

Detailed Notice inviting Tender for Façade Lightning system.

- Online Bids are invited from Reputed Agency/Companies having adequate experiences. The last date of submission tender is 01.04.2025 at 3.00 P.M. & Date of opening of Tender is 01.04.2025. University reserves the right to accept or reject any tender without assigning any reason to the agencies/Companies.
- The details about the terms and conditions are given in the tender form which shall be part of the Contract/Agreement. The participants are required to read and understand it properly before submission of the tender.

## **TERMS & CONDITIONS**

- I. The Bidders will be required to pay earnest money deposit of Rs. 5,44,000/- (Rs. Five Lakh Forty four thousand only) which is 2% of the estimated tender amount by Demand Draft/Banker's Cheque drawn in favor of Registrar, Pandit Deendayal Upadhyaya Shekhawati University payable at Sikar. Earnest money will be refunded to the unsuccessful Contractor after Bid finalization. Successful L1 Bidder will have to pay Security deposit of 5% valid as performance bank guarantee valid for 1 year from the date of Contract/MOU. In addition, the contractors will have to submit a draft of Rs. 2000/- made in the name of MD, RISL Jaipur as tender processing fee.
- II. Bid received without prescribed Earnest Money Deposit (EMD) physically shall not be considered in the tender. EMD scanned copy to be uploaded along in the bid document.
- III. Technical Evaluation will be based on the QCBS marking system and Bidder must qualify minimum 75 out of 100 marks to enter financial Evaluation. Bidder not qualifying in the technical round will be marked as disqualified bidder.
- IV. The Bidder should have work experience with valid work order /Ongoing work minimum 2 NOS of value minimum 50 Lakhs each or Single Order of 1 Crore.
- V. The bidder must have valid turnover certificate which shall be verified by CA with UDIN Number.
- VI. The bidder or through its OEM should have experiences in supply / manufacture of similar types of products for any PSU/GOVT Organizations in past 2 Years from the Bid Opening date.
- VII. The Successful Bidder will provide a warranty for the supplied items/equipments as per manufacturer's policy or for atleast one year whichever is longer.
- VIII. The Bidder should attach Documentary evidence such CA Certified Balance Sheet, Profit & Loss A/c statement for support of above.
- IX. The Bidder should have GSTIN Registration certificate.
- X. The Bidder should have valid PAN Number.
- XI. The bidder must conduct a site visit before submitting the final bid. The visit must take place within Five days of the bid being published on E-Tender Portal. University Entry evidence is Mandatory for approval of site visit.
- XII. The bidder or OEM of the offered products must have ISO certificates.

- XIII. All OEM authorizations must be uploaded. The OEM authorization must be bid-specific, including the bid number, date, and buyer's name. Failure to provide this will result in disqualification.
- XIV. The Bidder should not have been debarred/black-listed by any Central/State Government Agency. An notarised affidavit has to be submitted by the bidder in this regard.
- XV. Other valid Documents as required for Bid compliance like Udyam/MSME.
- XVI. Character certificate on manpower provided company's letterhead is mandatory.
- XVII. Taxes: GST or any other taxes as per Govt. norms shall be applicable from time to time. The % of Tax must be indicated separately in the quotation.
- XVIII. Site visit report with execution/methodology plan is compulsory for eligible bidder with signed and stamp of authorised person of Company.

### GENERAL TERMS AND CONDITIONS

1. Statutory Requirements/Obligations: All statutory rules, as applicable for engagement of labours on daily wage are to be followed strictly by contractor as per Central and State Government norms, prevailing at that time
2. The Place of jurisdiction will be Sikar for any kind of dispute raised by university or Bidder/Contractor.
3. Dispute: In case of any dispute between the Staff Committee and the Service Provider, the matter will be referred to and decided by University Management Committee after approval from the Vice Chancellor and the decision of the Committee will be binding on the agency.
4. The payment will be by the university against bill submitted post deduction of GST and TDS as per Rajasthan Govt Norms.
5. The payment will be done as per below conditions

SL .NO	PARTICULAR	Documents	Payment percentage of contract Value
1	Supply and delivery of items as per tender requirements in university premises.	Equivalent amount of invoice copy with sign & stamped packing list by person-in charge.	70%
2	Installation, Testing ,Commissioning at Pandit Deendayal Upadhyaya Shekhawati University ,Sikar	Equivalent amount of invoice copy with Commissioning letter by person-in charge.	15%
3	Training & handover of project at Pandit Deendayal Upadhyaya Shekhawati University ,Sikar	Equivalent amount of invoice copy with Handover letter signed by person-in charge.	15%

**QCBS MARKING SYSTEM.**

Sno	Technical Evaluation	Description	Max Marks
1.	<b>Registration/Certificate of Incorporation (CIN)</b>	<ul style="list-style-type: none"> <li>Private Limited = 10 Marks</li> <li>Firm/Partnership = 5 Marks</li> </ul>	10
2	<b>MSME (Ministry of Micro, Small and Medium Enterprises)</b>	<ul style="list-style-type: none"> <li>Proof Enclosed of Certificate for services of MSME and Udyam = 5 Marks</li> </ul>	5
3	<b>Certificate</b>	<ul style="list-style-type: none"> <li>Two or more than Two = 10 Marks</li> <li>Only Single Order = 5 Marks</li> </ul>	10
4	<b>Empanelment ( Relevant certificate mandatory )</b>	<ul style="list-style-type: none"> <li>Empanelled in One Nodal Agency = 5 marks</li> <li>Empanelled in Two or more = 10 marks</li> </ul>	10
5	<b>Project Experience</b>	<p>The Bidder must have successfully completed/ongoing projects (Work order should match the name of the organization with submitted Certificate of Incorporation)</p> <ul style="list-style-type: none"> <li>More than or equal to two work orders = 15 Marks</li> <li>Less than three work orders = 10Marks</li> </ul>	15
6	<b>Site visit report with execution/methodology plan</b>	<p>The Bidder must have submitted a detailed site visit report with proper understanding and technical suggestion which is duly stamp and signed authorized signatory Company.</p>	15
7	<b>Technical Presentation</b>	<p>Approach &amp; Methodology:</p> <ol style="list-style-type: none"> <li>Understanding of Scope of Work</li> <li>Specification of each item</li> <li>O.E.M Introduction</li> <li>Timeline and Deliverables</li> </ol>	35
	<b>TOTAL</b>		100

**Note:- Bidders who do not qualify the technical eligibility evaluation (Qualifying Passing marks = 75) will not be considered for financial evaluation.  
Conditional Bids shall not be accepted on any ground and shall be rejected straightway.**

**Work Name: Design and Automation of Electrical Front Façade Lightning system for all buildings and main gate inside campus of Pandit Deendayal Upadhyaya Shekhawati University Sikar, Rajasthan.**

**SCOPE OF WORK:**

1. The bidder shall Supply, Design, Install Test and Commission Front Façade lightening system at all allocated 9 Buildings inside campus including Monuments of Pandit Deendayal Upadhyaya Ji, Samvidhan Park and The Indian National Flag.
2. The bidder shall follow all specification of as per outlined in the tender document.
3. The bidder shall be responsible for all necessary civil work ,Electrical works ,Electrical Panel work or whatsoever may be required for connection / functioning of Façade lightening system as per directed by person in charge.
4. The bidder will train a person in charge and other staff prior handover of project for proper usage of all equipment's/Lightning systems provided as per tender document.
5. The bidder shall do proper rework if required on site while implementation of the project.

**TECHNICAL SPECS**

**ANNEXURE – “1”**

SR. NO	DESCRIPTION	UNIT	QTY
1	Supply, Installation, Testing & Commissioning of 495mm Length X 155 mm Width X 330mm Height 3000K Rectangular Flood Light with Non-integral driver & completely made in India luminaire. The luminaire's shall be made of Extruded aluminium housing powder coated in grey. The complete luminaire has IP66 & IK08 protection and it comprises of high purity integrated poly carbonate Lens. The LEDs shall have minimum CRI ≥80 (White LED) & shall have SDCM≤5. The luminaire shall have wattage 192W and shall deliver 10560 lumens. Beam angle of the Luminaire shall be 15 deg .Fixture shall operating temperature range of 0°C to 45°C. Input Voltage Range of 24V DC. The luminaire shall have declared life of 50,000 burning hours at L70.Luminaire and Driver must be made in India with same brand. Luminaire manufacturer must have In-house NABL accredited lab to conduct LM79. The successful bidder must submit the NABL accreditation certificate for Luminaire manufacturer along with technical bid. LM80 , RoHS compliance issued by LED luminaire manufacturer, BIS certificate for Make - Philips / Wipro/ Lighting Technologies.	LOT	1

2	<p>Supply, Installation, Testing &amp; Commissioning of 196mm Dia X 158mm Height 3000K Circular Flood Light with Non-integral driver &amp; completely made in India luminaire. The luminaire's shall be made of Extruded aluminium housing powder coated in grey. The complete luminaire has IP66 &amp; IK08 protection and it comprises of high purity integrated poly carbonate Lens. The LEDs shall have minimum CRI ≥80 (White LED) &amp; shall have SDCM≤5. The luminaire shall have wattage 60W and shall deliver 3300 lumens. Beam angle of the Luminaire shall be 15 deg .Fixture shall operating temperature range of 0°C to 45°C. Input Voltage Range of 24V DC. The luminaire shall have declared life of 50,000 burning hours at L70.Luminaire and Driver must be made in India with same brand. Luminaire manufacturer must have In-house NABL accredited lab to conduct LM79. The successful bidder must submit the NABL accreditation certificate for Luminaire manufacturer along with technical bid. LM80 , RoHS compliance issued by LED luminaire manufacturer, BIS certificate for LED Luminaire. Brand name shall be embossed / engraved on each an every light fixtures. Luminaire and Driver should be Made in India. Luminaire, Driver and controller should be with same make. Make - Philips / Wipro/ Lighting Technologies.</p>	LOT	1
3	<p>Supply, Installation, Testing &amp; Commissioning of 100 mm Dia X 185mm width X 106mm Height 3000K Circular Mini Flood Light with Integral driver &amp; completely made in India luminaire. The luminaire's shall be made of Extruded aluminium housing powder coated with C13:C16n Dark Gray color. The complete luminaire has IP65 &amp; IK06 protection and it comprises of high purity integrated poly carbonate Lens. The LEDs shall have minimum CRI ≥70 (White LED) &amp; shall have SDCM≤5. The luminaire shall have wattage 40W and shall deliver 3400 lumens. Beam angle of the Luminaire shall be 15 deg .Fixture shall operating temperature range of 0°C to 45°C. Input Voltage Range of 140 - 280V AC.. The luminaire shall have declared life of 50,000 burning hours at L70.Luminaire and Driver must be made in India with same brand. Luminaire manufacturer must have In-house NABL accredited lab to conduct LM79. The successful bidder must submit the NABL accreditation certificate for Luminaire manufacturer along with technical bid. LM80 , RoHS compliance issued by LED luminaire manufacturer, BIS certificate for LED Luminaire. Brand name shall be embossed / engraded on each an every light fixtures. Luminaire and Driver should be Made in India. Luminaire, Driver and controller should be with same make. Make - Philips / Wipro/ Lighting Technologies.</p>	LOT	1

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4	<p>Supply, Installation, Testing &amp; Commissioning of 100 mm Dia X 185mm width X 106mm Height 3000K Circular Mini Flood Light with Integral driver &amp; completely made in India luminaire. The luminaire's shall be made of Extruded aluminium housing powder coated with C13:C16n Dark Gray color. The complete luminaire has IP65 &amp; IK06 protection and it comprises of high purity integrated poly carbonate Lens. The LEDs shall have minimum CRI <math>\geq 70</math> (White LED) &amp; shall have SDCM <math>\leq 5</math>. The luminaire shall have wattage 40W and shall deliver 4000 lumens. Beam angle of the Luminaire shall be 45 deg .Fixture shall operating temperature range of 0°C to 45°C. Input Voltage Range of 140 - 280V AC.. The luminaire shall have declared life of 50,000 burning hours at L70. Luminaire and Driver must be made in India with same brand. Luminaire manufacturer must have In-house NABL accredited lab to conduct LM79. The successful bidder must submit the NABL accreditation certificate for Luminaire manufacturer along with technical bid. LM80 , RoHS compliance issued by LED luminaire manufacturer, BIS certificate for LED Luminaire. Brand name shall be embossed / engraved on each an every light fixtures. Luminaire and Driver should be Made in India. Luminaire, Driver and controller should be with same make. Make - Philips / Wipro/ Lighting Technologies.</p>	LOT	1
5	<p>Supply, Installation, Testing &amp; Commissioning of 100 mm Dia X 185mm width X 106mm Height 3000K Circular Mini Flood Light with Integral driver &amp; completely made in India luminaire. The luminaire's shall be made of Extruded aluminium housing powder coated with C13:C16n Dark Gray color. The complete luminaire has IP65 &amp; IK06 protection and it comprises of high purity integrated poly carbonate Lens. The LEDs shall have minimum CRI <math>\geq 70</math> (White LED) &amp; shall have SDCM <math>\leq 5</math>. The luminaire shall have wattage 20W and shall deliver 2000 lumens. Beam angle of the Luminaire shall be 45 deg .Fixture shall operating temperature range of 0°C to 45°C. Input Voltage Range of 140 - 280V AC.. The luminaire shall have declared life of 50,000 burning hours at L70. Luminaire and Driver must be made in India with same brand. Luminaire manufacturer must have In-house NABL accredited lab to conduct LM79. The successful bidder must submit the NABL accreditation certificate for Luminaire manufacturer along with technical bid. LM80 , RoHS compliance issued by LED luminaire manufacturer, BIS certificate for LED Luminaire. Brand name shall be embossed / engraved on each an every light fixtures. Luminaire and Driver should be Made in India. Luminaire, Driver and controller should be with same make. Make - Philips / Wipro/ Lighting Technologies.</p>	LOT	1

6	<p>Supply, Installation, Testing &amp; Commissioning of 1000 mm length X 46.5 mm Width X 75mm Height of 3000K Linear Wall Washer with Integral driver &amp; completely made in India luminaire. Luminaire must use Single LED of Chip and shall be made of Extruded aluminum housing powder coated in grey. The complete luminaire has IP66 &amp; IK07 protection and it comprises of high purity integrated poly carbonate Lens. The LEDs shall have minimum CRI <math>\geq 80</math> (White LED) &amp; shall have SDCM <math>\leq 5</math>. The luminaire shall have wattage 40W and shall deliver 4400 lumens. Beam angle of the Luminaire shall be Asymmetric optics .Fixture shall operating temperature range of 0°C to 45°C. Input Voltage Range of 100-300V AC. The luminaire shall have declared life of 50,000 burning hours at L70. Luminaire and Driver must be made in India with same brand. Luminaire manufacturer must have In-house NABL accredited lab to conduct LM79. The successful bidder must submit the NABL accreditation certificate for Luminaire manufacturer along with technical bid. LM80 , RoHS compliance issued by LED luminaire manufacturer, BIS certificate for LED Luminaire. Brand name shall be embossed / engraved on each an every light fixtures. Luminaire and Driver should be Made in India. Luminaire, Driver and controller should be with same make. Make - Philips / Wipro/ Lighting Technologies.</p>	LOT	1
7	<p>Supply, Installation, Testing &amp; Commissioning of 1000 mm length X 46.5 mm Width X 75mm Height of 3000K Linear Wall Washer with Integral driver &amp; completely made in India luminaire. Luminaire must use Single LED of Chip and shall be made of Extruded aluminium housing powder coated in grey. The complete luminaire has IP66 &amp; IK07 protection and it comprises of high purity integrated poly carbonate Lens. The LEDs shall have minimum CRI <math>\geq 80</math> (White LED) &amp; shall have SDCM <math>\leq 5</math>. The luminaire shall have wattage 40W and shall deliver 4400 lumens. Beam angle of the Luminaire shall be Asymmetric optics .Fixture shall operating temperature range of 0°C to 45°C. Input Voltage Range of 100-300V AC. The luminaire shall have declared life of 50,000 burning hours at L70. Luminaire and Driver must be made in India with same brand. Luminaire manufacturer must have In-house NABL accredited lab to conduct LM79. The successful bidder must submit the NABL accreditation certificate for Luminaire manufacturer along with technical bid. LM80 , RoHS compliance issued by LED luminaire manufacturer, BIS certificate for LED Luminaire. Brand name shall be embossed / engraved on each an every light fixtures. Luminaire and Driver should be Made in India. Luminaire, Driver and controller should be with same make. Make - Philips / Wipro/ Lighting Technologies.</p>	LOT	1





8	<p>Supply, Installation, Testing &amp; Commissioning of 16mmX16mm of 5 meters length 3000K Flexible strip led light with Non- Integral driver. The luminaire's shall be made of Silicon extrusion with high-efficiency, high grade appearance, soft bend flexibility &amp; Option of Top bend , the same shall be so designed with completely made in India luminaire. The luminaire shall have silicon glue between optical cover &amp; LED chamber to ensure proper IP67 protection. No need external decoder. The LEDs shall have minimum CRI <math>\geq 80</math> (White Light)&amp; shall have SDCM<math>\leq 5</math>. The luminaire shall have system wattage of 14 Watt/meter and shall deliver 714 lumens. Fixture shall operating temperature range of 0°C to 45°C. The fixture shall have an Non integral driver with input voltage for 220-240 VAC, 50/60Hz. The luminaire shall have declared life of 50,000 burning hours. Luminaire manufacturer must have In-house NABL accredited lab to conduct LM79. The successful bidder must submit the NABL accreditation certificate for Luminaire manufacturer along with technical bid. Bidder shall submit the following reports along with technical bid LM79 report of the family of luminaire issued by NABL accredited lab, LM80 issued by LED manufacturer BIS certificate for LED Luminaire. Brand name shall be embossed / printed on each an every light fixtures. Make - Philips / Wipro/ Lighting Technologies.</p>	LOT	1 LOT
9	<p>Supply of Isolated, constant Voltage type 240 W LED Driver enclosure in Extruded Aluminium metal enclosure . Driver shall be made in India compatible for RGBW luminaires with silicone potted and IP66 Protected of same make as luminaire. Output voltage of the driver 24Vdc. Driver efficiency should be greater than 85% at full load, THD &lt; 10%, PF &gt; 0.95 with Under and Over Voltage Cutoff Protection and 440V withstand for 8 hours minimum &amp; should have large operating input voltage range of 140V to 300V AC(nominal rated voltage – 240V) with 5KV internal surge protection. LED driver shall have inbuilt output short circuit, over voltage protection, Thermal Shutdown protection.</p>	NOS	135
10	<p>Supply, installation, testing and Commissioning of 2Core T Type 2C DMX cable.</p>	NOS	19
11	<p>Supply, installation, testing and Commissioning of 2Core 2C DMX cable/Patch cord Patch Endcap 1m.</p>	NOS	199
12	<p>Supply, installation, Laying and Commissioning of Electrical Cable ,LT Outdoor Panel for seamless connection of façade lightening</p>	LOT	1 LOT
12	<p>Complete Installation, Civil works if any and termination of electrical system to the nearest electrical point/ Panel with training of Person - incharge.</p>	LOT	1 LOT

**Work Name: Design and Automation of Electrical Front Façade Lightning system for all buildings and main gate inside campus of Pandit Deendayal Upadhyaya Shekhawati University Sikar, Rajasthan.**

**Financial Bid**

<b>Item No.</b>	<b>Particulars</b>	<b>Basic Price</b>	<b>Total Price F.O.R at University Premises, Sikar – Raj . (All inclusive of taxes, Freights and other charges)</b>
<b>1</b>	Supply of Electricals equipment's and other accessories necessary of work as per tender specification.		
<b>2</b>	Installation, Testing, Commissioning & Training of Electrical equipment's as per tender condition.		

**Seal and Signature of the bidder**

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