

PROJECT EXECUTION NOTICE (PEN) / FIXED-RATE RFQ

Project ID: PRJ-2013- | **Issue Date:** 26 July 2026 | **Closing Date:** (As per Portal)

1. EXECUTIVE PROJECT DETAILS

Urgent requirement for the turnkey supply, installation, testing, and commissioning (I&C) of 12W White-LED based Solar Street Lighting Systems across various cluster locations in Uttarakhand. This state-wide public infrastructure project is initiated by a Leading EPC Main Contractor (Confidential). We are inviting capacity declarations from experienced Solar EPC contractors, electrical infrastructure agencies, and street light installation partners capable of executing high-durability mountain-terrain deployment under fixed unit rates.

Parameter	Details
Project Name	Turnkey 12W LED Solar Street Lighting Infrastructure Project
Open By Company	Confidential (Leading EPC Main Contractor)
End Client / Principal	Government Framework (Uttarakhand Regional Clusters)
Working Location	Kakri, Uttarakhand, India (And Allocated State Site Clusters)

Category & Duration	Solar EPC, Electrical Infrastructure & Street Light Installation
Commercial Model	Fixed Rate / Unit Basis (Turnkey Supply + I&C Complete)
Project Security	 No Security Deposit Required
Target Vendor	Experienced Solar EPC Contractors & Telecom Civil/Infra Agencies
Project Status	OPEN (Invite for Capacity Declaration & Bidding)
Projected Value	50.5 lacs

2. PROJECT MEDIA & QUICK RESOURCE LINKS

Review the following coordinates, visual references, and technical specifications before declaring compliance:

- **Audio/Video Briefing:**  [Click here to Listen/Watch the Project Layout Explanation](#)
- **Geo-Tagged Site Snap:** 
- **Master SOW & Technical Blueprint:**  [Download 12W LED System Specifications.pdf](#)

3. TECHNICAL BILL OF QUANTITIES (BOQ) & MATERIAL SPECS

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This project operates on strict compliance parameters. All materials used must strictly match the following MNRE/BIS standardized engineering criteria[cite: 22]:

-  **Solar PV Module:** Minimum **75 Wp** under STC, Crystalline Silicon cells with module efficiency $\geq 14\%$ [cite: 22]. (25-year warranty, output capacity $\geq 90\%$ at 10 years, $\geq 80\%$ at 25 years)[cite: 22].
-  **Battery Bank:** Minimum **12.8V, 30 AH capacity Lithium Ferro Phosphate (LiFePO4) battery** equipped with an intelligent Battery Management System (BMS) for cell balancing, overcharge, and temperature control[cite: 22].
-  **LED Luminaire:** **12 Watt White-LED (W-LED)** luminaire with dispersed beam, soothing lens optics/diffuser, total luminous flux ≥ 1500 lm, and system efficacy ≥ 125 lm/W[cite: 22]. LED chips must comply with IES LM-80 standards[cite: 22].
-  **Performance Metrics:** Minimum **24 Lux** output measured at a point 4 meters directly below the light source at "High" illumination[cite: 22]. Features automatic dusk-to-dawn duty cycle (First 4 hours at 100% full light, remaining hours dimming down to 50% lower light level)[cite: 22].
-  **Mechanical Structure & Pole:** **5-meter Hot Dip Galvanized (HDG) pipe** (Class B conforming to IS 1161 & IS 4736)[cite: 22]. Structural clearance must be 5 m above ground and 1 m anchored below ground level[cite: 22]. Waterproof luminaire casing must meet minimum IP65/IP66 ingress protection and $\geq$ IK08 impact resistance[cite: 22].

4. COMMERCIAL FIX-RATE CARD

This project operates on a pre-negotiated, non-escalating fixed price. Rates are unified for complete product delivery and deployment:

-  **Turnkey Solar LED Street Light Setup: ₹28,200.00 + GST per Set**
(Rate is 100% inclusive of raw material procurement, structural fabrication, site transit, excavation, anchoring, installation, testing, and final commissioning).

5. COMMERCIAL STAGED PAYMENT MILESTONES

Payments will be processed progressively based on clear field verification logs:

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- **60% First Milestone Payment:** Disbursed immediately after successful Pre-Dispatch Inspection (PDI) clearance and final on-site material acceptance block.
- **25% Second Milestone Payment:** Disbursed post successful installation, field alignment testing, and operational commissioning (I&C sign-off).
- **15% Warranty Performance Hold:** Distributed linearly over a **5-Year tenure** matching successful system warranty performance milestones[cite: 22].

6. VENDOR CAPACITY DECLARATION & HOW TO BID

👉 Click on "Quote - Material & Execution Sheet" on the portal and follow these steps:

- **Step 1:** Fill in your registered Name, Company Name, and Location, then click the **Orange Check box**.
- **Step 2:** Note down the system-generated tracking quote number (e.g., "QUOTE-001").
- **Step 3:** Re-enter your details and the quote number to launch your dedicated fresh pricing and volume sheet.
- **Step 4:** Declare your monthly mobilization capacity, available tooling kits, and regional district boundaries in Uttarakhand.
- **Step 5:** Click on the "**Submitted and Locked**" field to securely bind your commercial proposal.

7. PLATFORM FEES & CHARGES

- **Booking / Proposal Entry:** Standard gateway onboarding criteria apply as per active portal tiers.
- **Commitment / Success Royalty: Fixed 3% Royalty Fee** of the total executed contract value. This will be automatically accounted for within the progressive milestone billing cycles upon final Work Order issuance.

Bank Details for Manual Portal Transfers:

- **Account Name:** Zugnoo Home Sync Solution LLP
- **Account Number:** 05871140018332 | **IFSC:** HDFC0000587 | **Bank:** HDFC Bank

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8. VENDOR COMPLIANCE TERMS & LEGAL DISCLAIMER

VendorMate Standard Corporate Terms:

1. **Technical Inspection Metrics:** All components must match BIS standards (conforming to IS 14286 for modules, IS 16046 for Lithium batteries, and IS 16107 for luminaires)[cite: 22]. Non-compliant hardware or structural configurations failing field lux tests will face immediate mandatory rejection.
2. **Mandatory Profile Screening:** Handovers and site allocations will be granted exclusively to 100% KYC-verified vendors with valid corporate background proofs in Solar EPC or electrical grid deployments.
3. **Anti-Bypass Policy:** Any attempt to establish direct offline coordination loops to solicit the principal contractor or regional authorities outside the VendorMate private portal will trigger immediate permanent blacklisting.

LEGAL DISCLAIMER REGARDING PROJECT GRAPHICS & BLUEPRINTS:

- **Illustrative Reference Only:** Is Project Execution Notice (PEN) / RFQ mein dikhaye gaye sabhi snaps, coordinate tags, aur technical layout logs Client ke procurement criteria ke aadhar par taiyar kiye gaye hain. Inka mukhya uddeshya sirf Vendor ki on-ground engineering team ko conceptual layout aur terrain parameters samjane ke liye hai.*
- **Execution Standards:** Dikhai gayi images purely "**For Reference Only**" hain. Actual on-site execution, concrete volume matching, terrain excavation depth, aur structural rebar anchoring strictly attached official technical drawings, specification sheets, aur Principal Client ki standard civil guidelines ke aadhar par hi execute kiya jayega.*
- **Client Guidelines Supremacy:** Execution ke dauran kisi bhi design configuration ya material conflict mein End-Client ki approved engineering specifications aur technical datasheets hi sarvmanya (Final and Legally Binding) hongi.*
- **No Legal Claims on Visuals:** Vendor in reference geo-tagged snapshots ya graphics ko aadhar banakar project execution, extra

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billing claim, design changes, ya tracking verification ke dauran koi bhi legal claim ya dispute raise nahi kar sakta hai.*

By clicking "Book", "Proceed", or submitting capacity details for this project layout, the vendor legally acknowledges, validates, and unconditionally agrees to all operational rules, fixed unit rates, milestone step-backs, and terms stated on the VendorMate platform (www.vendormate.in).

Designed by VendorMate Enterprise Team

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