



## **Prayagraj Municipal Corporation**

**Name of Work:- Supply, Installation, testing and Commissioning of Street Lighting Work in Zone-5, Ward No-29 Mohabbatganj, Prayagraj, Uttar Pradesh under CMNSY.**

### **Prequalification Criteria**

1. The Bidder shall be a private company, firm, LLP, or entity incorporated in India under the (Indian) Companies Act 1956/ 2013 or a company formed under any other law for the time being in force in India/Proprietorship and incorporation should not be less than 3 years old.
2. Bidder must submit authorization by all the OEM(Street Light, Pole and Cable) for offer products and authorization certificate for participating in this specific tender mandatorily to be enclosed with bid documents. Not applicable for O.E.M.
3. Bidder has to submit UPPWD AAA certificate along with annexure for offered model number.
4. LM79 report, BIS certificate, technical data sheet for led streetlights. BIS certificate, technical data sheet & test report for Driver, mandatorily to be enclosed with bid documents.
5. Bidders need to upload OEM's make in India declaration for offer product. Minimum local content use in offer product must be  $\geq 50\%$ .
6. Compulsory to upload OEM Factory License along with bid documents.
7. OEM company must have in house NABL testing facility for testing of led Street/Flood lights and LED Driver, Certificate of the same must be enclosed with bid documents.
8. O.E.M NABL lab must have minimum following facilities/provision/scope for testing of LED lights:
  - A) Resistance to Dust and Moisture (IP test)
  - B) Luminous Flux
  - C) Colour Rendering Index
  - D) Luminous Efficacy
  - E) Impact resistance test (IK)
  - F) Overvoltage protection/ lower voltage protection.
  - G) Luminous Efficacy
  - H) Earthing.
9. Bidder and all OEM must have valid ISO 9001 certificate. Same need to attach with bid documents.
10. LED Chip used shall be high power LED  $>3W$  and  $<5W$ .
11. Bidders need to submit declaration on notarized 100 Rs. stamp paper that his firm has not been blacklisted/debarred/Forbidden in any government/Semi government/PSU department for any reason in last three years.
12. OEM of the offer products need to submit declaration on letterhead that OEM company has not been blacklisted, debarred and Forbidden in any government/Semi government/PSU departments for any reason in last three years.
13. Bidder/OEM need to submit satisfactory performance certificate for supply of LED lights/ Street lights/flood lights from any government departments/Semi Government

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- department/PSU.
14. Keeping unforeseen sudden voltage fluctuation in feeder lines, streetlights must have 440V phase to phase Protection upto 8hrs, High cut off @  $325\pm 15V$  & Auto Restart, Technical data sheet & test report need to be attached from competent NABL accredited Lab and declaration from O.E.M.
  15. Driver of the offer products must be potted R-number shall be written on it as per IS15885.
  16. Impact resistance of offer product must be  $\geq IK 7$ . NABL report from competent lab need to be attached for confirming.
  17. Ingress protection of offer product must be IP65/IP66. NABL report from competent lab need to be attached for confirming.
  18. Minimum system efficacy (lumen/watt) in offer product shall be :-System efficacy  $> 130$  lumen per watt. TDS, LM79 report & company declaration need to be attached for verifying the above parameters.
  19. OEM of offer product must have at least one Satisfactory performance certificate from any government/Semi Government departments, dated within last five financial years.
  20. Bidder must submit one sample each of offered/quoted items, Nigam may conduct testing of the sample for verifying criteria of requirements with any of NABL Lab of its choice, charges shall be in the scope of bidder.
  21. The Bidder must submit valid GSTIN certificate.
  22. The Bidder must submit valid PAN card.
  23. General Power of Attorney/Special Power of Attorney substantially, revalidated & notarized be submitted by firm/tenderer in favour of the person who has signed the tender/will sign the agreement, the tender documents with telephone No. and complete postal address.
  24. Bidder should submit latest valid renewed or new "A" Class License certificate issued by Directorate Electrical Safety, Govt. of U.P State, duly attested.
  25. Bidder should submit copy of latest labour department registration valid Certificate under Labour Regulation and Abolition Act, duly attested.
  26. Bidder should submit EPFO and ESIC certificate with the bid.
  27. The bidder should have recorded an average annual turnover of at least ₹ 119 Lakh. (Rupees One Hundred Nineteen Lakh) for the Financial Year 2022-23, 2023-24 and 2024-25. As proof thereof, a copy of Average Annual Turnover certificate issued from a chartered accountant along with IT Return Certificate of three FYs i.e., 2022-23, 2023-24 and 2024-25, should be uploaded. Bidder providing details of any other FYs shall not be considered.
  28. Bidder must have positive net worth for last three financial years i.e., 2022-23, 2023-24 and 2024-25. Audited Financial Statements or CA certificate for the financial years specified should be submitted.
  29. Bidder should submit In-Solvency Certificate of ₹ 59.50 Lakh (Rupees Fifty Nine lakh fifty thousand) issued by any Bank or District Magistrate not before 31st March 2025 and Character Certificate issued by District Magistrate.
  30. The Bidder must have, during the last three years, neither failed to perform on any agreement, as evidenced by imposition of a penalty by an arbitral or judicial authority or a judicial pronouncement or arbitration award against the Bidder, nor been expelled from any project or agreement nor have had any agreement terminated for breach by such Bidder. An undertaking to this effect in notarized non – judicial stamp paper should be uploaded.
  31. All necessary documentary evidence in support of the Bidder meeting the qualification requirement shall be submitted along with the bid submissions. The bidder must have



executed the following:

- Three similar works (work order) of not less than ₹ 47.60 Lakh.

OR

- Two similar works (work order) of not less than ₹ 59.50 Lakh.

OR

- One similar work (work order) of not less than ₹ 95.20 Lakh.

Similar work means work of Supply & Installation and commissioning of decorative/Street lighting in any ULB/Government Agency/PSUs in India.

32. Maintenance and Service: The Bidder should have minimum one authorized service center of Street Light within 250 kms of Prayagraj. Address proof document i.e., electricity bill/telephone bill along with the details of the service centre
33. For efficient and timely service, the bidder should submit dedicated details of Toll-Free Number along with bid.
34. The Bidder Should upload Bid Security i.e., EMD of ₹ 2,38,240/- (Rupees Two Lakh thirty eight thousand two hundred forty only) in favour of "Chief Engineer, Electrical & Mechanical, Prayagraj Municipal Corporation," Prayagraj, with the bid and provide hard copy within 5 days of bid opening date. Bid security should be refunded to the successful bidder on receipt of a performance security.
35. Successful bidder will have to pay the Performance Security Deposit @ 05% of Contract Value in form of Fixed Deposit Receipt or Bank Guarantee of any Scheduled Bank or Nationalized Bank located in Prayagraj, in the name of "Chief Engineer, Electrical & Mechanical, Prayagraj Municipal Corporation," Prayagraj, and shall have to enter into an agreement on a stamp paper of appropriate value must be submitted, and if the contractor fails to submit the agreement deed in the stipulated time limit, the E.M.D. for this contract will be forfeited and the contractor will be black listed for this work of PMC. The Performance Security should be submitted in form of Bank Guarantee (BG) of any nationalized bank within 7 days from the date of issue of Work Order. The BG should remain valid for a period of One Year beyond the date of completion of all contractual obligations. It shall be refunded to the successful bidder without interest, after he duly performs and completes the contract in all respects but not later than One Year of completion.
36. Successful bidder will have to sign an agreement within 7 days of issue of Work Order on Rs. 500 notarized Stamp paper.
37. Municipal Commissioner, Prayagraj Municipal Corporation, Prayagraj reserve the right to cancel the tender in case of any dispute without giving any reason.
38. In case of any disputes raised it will be under the jurisdiction of High Court, Prayagraj.



## **PAYMENT TERMS & CONDITIONS**

1. Successful bidder will have to pay the Performance Security Deposit @ 05% of Contract Value in form of Fixed Deposit Receipt or Bank Guarantee of any Scheduled Bank or Nationalized Bank located in Prayagraj, in the name of "**Chief Engineer, Electrical & Mechanical, Prayagraj Municipal Corporation,**" Prayagraj, and shall have to enter into an agreement on a stamp paper of appropriate value must be submitted, and if the contractor fails to submit the agreement deed in the stipulated time limit, the E.M.D. for this contract will be forfeited and the contractor will be black listed for this work of PMC. An additional performance security will be imposed as per the GO no.622/23-12-2012-2 Audit/08 TC-2. Dt- The Performance Security should be submitted in form of Bank Guarantee (BG) of any nationalized bank within 7 days from the date of issue of Work Order. The BG should remain valid for a period of One Year beyond the date of completion of all contractual obligations. It shall be refunded to the successful bidder without interest, after he duly performs and completes the contract in all respects but not later than One Year of completion.
2. As a proof of delivery, a Delivery Note should be submitted along with the invoice.
3. The successful bidder must submit running bills for payment.
4. The running bills must include TPIA inspection reports whose cost will be borne by successful bidder. M/s RITES will be the TPIA for this project.
5. The successful bidder must deliver the items within 21 days and installation within 120 days of issue of Work Order. A penalty of ₹10,000/- per day shall be imposed in case of any delay in delivery of items.
6. The successful bidder will have to submit the PERT chart of the project before commencement of the project. A penalty of ₹10,000/- per day shall be imposed in case of any delay in the works as per PERT chart.
7. Successful bidder will have to submit geotagged photographs having before and after conditions of the light poles in same angle along with date wise installation reports duly verified by Engineer- in-Charge.



### Scope of Work

The scope of work under this project for the **Supply & Installation of Street Lighting Work in Mohabbatganj, as per specification** includes the following aspects:

1. **Supply & Installation of Street Lighting Work in Mohabbatganj, as per specification at Prayagraj Municipal Corporation** includes the work of supplying the streetlights by the agency i.e. (L1 bidder) to Prayagraj Municipal Corporation including all the accessories as per the Technical Specification as mentioned anywhere in this tender. The item shall include the freight and packaging charges to deliver the machine safely up to the location within Prayagraj Municipal Corporation. The work shall exclude the cost of all applicable local and central taxes along with a minimum of 5-year warranty of the each and every part of the machinery supplied by the agency to Prayagraj Municipal Corporation.
2. The Successful bidder will have to deploy one Project Engineer (with BE/B. Tech in Electrical Engineering) and one site engineer (with Diploma in Electrical Engineering) during the project implementation. The details should be submitted to PMC before signing of contract.
3. Successful bidder will be supplying the items mentioned in this tender as per specification within 21 days of issue of Work Order at consignee location without any extra cost.
4. Successful bidder will be responsible for commissioning of streetlight and training the manpower available with Prayagraj Municipal Corporation at consignee location.
5. The successful bidder will have to provide 5 years warranty for the streetlights from the date of supply.
6. The successful bidder will submit a documentary on this project mentioning before and after scenarios and bytes from localities, visitors, PMC officials, and other stakeholders.
7. After the opening of the financial bid, the L1 bidder should submit a sample of the proposed LED street light to Prayagraj Municipal Corporation for quality assurance of the product. A letter will be issued for the submitting of a sample


  
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**Street Light Department, Nagar Nigam Prayagraj**

**Estimate**

Work Name- Supply and Installation work of street lighting work in Zone 5, Ward 29 Mohabatganj

S.no	Particular	Ref. No.	Qty	Unit	Rate	Amount
1	Supply & fixing steel tubular pole 7 Metre long designated 410 SP-3 in 1:3:6 cement concrete foundation including excavation back filling etc. complete in all respect	SOR: 604	67	No.	₹ 9,519.00	₹ 6,37,773.00
2	Supply and fixing of steel tubular pole 9 meter long designated 410 sp 32 in 1:3:6 cement concrete foundation including excavation back filling	SOR: 613	86	No.	₹ 14,671.00	₹ 12,61,706.00
3	Supply and Fixing of LED Street Light Fitting with mandatory driver set having die cast aluminium body with toughend glass/UV stabilized PC cover and lenses suitable for 75watt to 90watt and Confirming to IP66 and IK07 and above protection having company LOGO Engraved complete in all respect including Labour CAT:AAA including 5 Years warranty	(2024) SOR 23.16	389	No.	₹ 7,259.64	₹ 28,23,999.96
4	Supply and Fixing of LED Street Light Fitting with mandatory driver set having die cast aluminium body with toughend glass/UV stabilized PC cover and lenses suitable for 110watt to 130watt and Confirming to IP66 and IK07 and above protection having company LOGO Engraved complete in all respect including Labour CAT:AAA including 5 Years warranty	(2024) SOR 23.17	83	No.	₹ 8,740.32	₹ 7,25,446.56
5	Supply and Laying of 16sqmm 2 core Aluminium Conductor PVC insulated armoured served sheathed cables 1100V grade in Existing RCC/Hume/ Metal pipe as directed by Engineer in Charge complete in all respect including excavation and refilling. The armouring of the cable shall be properly connected with the earth conductor by clamps etc.	(2024) SOR 20b.1.3	8946	Mtr.	₹ 173.73	₹ 15,54,177.97
6	Supply and Laying of 16sqmm 4 core Aluminium Conductor PVC insulated armoured served sheathed cables 1100V grade in Existing RCC/Hume/ Metal pipe as directed by Engineer in Charge complete in all respect including excavation and refilling. The armouring of the cable shall be properly connected with the earth conductor by clamps etc.	(2024) SOR 20b.1.9	4284	Mtr.	₹ 239.83	₹ 10,27,433.90
7	Supply and Fixing of RCC Pole Clamp with bolts, nuts etc.	PNN Rate	566	Nos.	₹ 322.03	₹ 1,82,271.19
8	Supply and Fixing of GI Pipe for Street Light Fixing (Size- 1.00mtr long & 1.25" Dia)	PNN Rate	472	Nos.	₹ 351.69	₹ 1,66,000.00
9	Supply & erection of "D" clamps of 50 mm x 6mm flat iron on steel tubular poles / steel rail poles with bolts, nuts etc. complete in all respects including painting with aluminium paint .	SOR: 623	378	Nos.	₹ 223.00	₹ 84,294.00
10	Supplying and laying 6 SWG G.I. wire over the Pole for conductor earth electrode, including connection/termination with GI thimble etc. as required.	MR	6262	Mtr	₹ 28.00	₹ 1,75,336.00
11	S/E of stay set at least 3.5 m.t. away from the pole complete with galvanized 19 m.m dia x 1.80 long stay rod 30cmx30cmx6.3m.m anchor plat thimble stay clamps. Stay insulator 19 m.mx600 m.m double screw lightener 7/3.5 m.m G.I stay wire etc. in 1:3:6: C/C complete in all respect.	SOR 631	8	No.	₹ 3,029.00	₹ 24,232.00
12	Supply and Fixing of 25 A SPN automatic switch/astronomical digital switch for switching of street light, cubicle control panel painted with anti corosive alkali and acid proof paint consistsins of timer switch. TSO.100 series with contrcators, HRC fuse isolating switch metering instrument and instrument box with CT's complete in all respect.	SOR: 807 (b) (ii)	19	No.	₹ 17,800.00	₹ 3,38,200.00
13	Supply and burrying of 75 mm Dia 1 Mtrs. Long Electrode casted with maintenance free, conductive concrete, non corrosive mixture ( Ultra low Resistive carbon 0.001ohm/Mtr) in the ratio of 3:1:1 (marconite : cement : water) on M.S. Rod with hole (16 mm diameter X3 Mtrs ) will be vertically installed for earthing with 1 Mtr G.I strip (25 mm X 2.5mm) connected with SS nut bolt. The earth electrode will be installed into the 100 mm pit up to 3000 mm depth. noraml soil will be used as backfill material. Make : As approved in U.P.P.W.D & C.P.R.I. Certified.	SOR: 729(A)	153	No.	₹ 7,050.00	₹ 10,78,650.00
14	Supply & fixing of 75 mm x 90 mm shackle insulator /100 mm x 65 mm pin insulator including G.I. Bolts / spindle nuts etc. complete in all respect.	SOR: 620	224	No.	₹ 68.00	₹ 15,232.00
<b>Total</b>						<b>₹ 1,00,94,752.57</b>
<b>GST @ 18%</b>						<b>₹ 18,17,055.46</b>
<b>Total</b>						<b>₹ 1,19,11,808.03</b>
<b>Say</b>						<b>₹ 1,19,11,808.00</b>

  
**अवर अभियन्ता (वि/या)**  
**नगर निगम, प्रयागराज**

  
**सहायक अभि० (वि०/या०)**  
**नगर निगम, प्रयागराज**