



Supply, Installation, Testing, Commissioning, Operation & Maintenance of Centralized Control & Monitoring System (CCMS) for Street Lighting on National Highways under NHAI, RO-UP (West), Lucknow on Five (05) Year Contract Basis.

BID DOCUMENT

May-2026

Regional Officer, RO-UP (West), Lucknow
National Highways Authority of India
3/248, Vishal Khand, Gomti Nagar,
Lucknow (Uttar Pradesh)
Ph. 0522-4950680
Email: rowestup@nhai.org

SECTION -I
NOTICE INVITING TENDER (NIT)

UPDIV-190001/1/2026-RO-W-UP/

Dated:27.05.2026

Name of Work: Supply, Installation, Testing, Commissioning, Operation & Maintenance of Centralized Control & Monitoring System (CCMS) for Street Lighting on National Highways under NHAI, RO-UP (West), Lucknow on Five (05) Year Contract Basis.

Bids are invited from experienced and reputed Contractors having proven experience (**minimum of three years**) in the supply, installation, testing, commissioning, operation and maintenance of Centralized **Control & Monitoring Systems (CCMS)** for highways, urban roads, municipal corporations, or other government infrastructure projects.

1. The BOQ form and terms & conditions for the above service work may be downloaded from NHAI website <http://www.nhai.gov.in> or E-Tender Portal- NIC (<http://etenders.gov.in>) **from next working day of receipt of approval by Competent Authority**. The Contractor who download the NIT documents from the website will be required to pay a non-refundable fee of Rs.25000/-(Rupees Twenty Five Thousand only) at the time of the submission of the Bid proposal.

Key Dates:

1. *Last Date of Online Bid Submission (Online): -*
2. *Date and time of Technical Bid opening:*
3. *Date of Financial Bid opening: -*

3. Cost of Bid Documents (Non-Refundable): Rs. 25,000/-

The Bidders shall pay online and submit a payment receipt for **Rs. 25000/-** (Rupees Twenty Five Thousand only) towards cost of Bid Documents (non-refundable). Details of the designated bank account of NHAI Regional Office, UP (West), Lucknow is as under:

Sr. No.	Particulars	Details
1	Name of Beneficiary	NHAI RO-UP (West), Lucknow
2	Name of Bank	Canara Bank
3	Name of Branch	Gomti Nagar, Lucknow, 226010
4	Account No.	84811010002035
5	IFSC Code	CNRB0018481

The RFP will be invited through e-tendering portal of NHAI only. Refer procedure under e- tendering for submission of RFP through e-tendering.

4. NHAI reserves the right to reject and cancel all quotations without assigning any reasons.

5. Address for any type of communication/ clarifications is given below: -

Regional Officer, RO-UP (West), Lucknow

National Highways Authority of India
3/248, Vishal Khand, Gomti Nagar,
Lucknow (Uttar Pradesh)
Ph. 0522-4950680
Email: rowestup@nhai.org

SECTION -II (INFORMATION TO BIDDERS)

Name of Work: Supply, Installation, Testing, Commissioning, Operation & Maintenance of Centralized Control & Monitoring System (CCMS) for Street Lighting on National Highways under NHAI RO-UP (West), Lucknow on Five (05) Year Contract Basis.

Introduction: -

Bids are invited from firms having a **minimum of three (03) years'** experience in supply, installation, testing, commissioning, operation and maintenance of Centralized Control & Monitoring Systems (CCMS) for Street Lighting on National Highways.

Experience certificates shall be issued by Central / State Government departments, Public Sector Undertakings (PSUs), or Municipal Corporations

Note:

1. In case of nominated sub-contractor, a certificate from the Executive Engineer or equivalent of the Prime Employer should be obtained from whom an approval for subcontractor has been obtained.

1. Scope of Work: -

The scope of work shall include:

- a. Supply of **Centralized Control & Monitoring System (CCMS)** feeder **panels** conforming to the technical specifications provided in **Section-IV (Technical Specifications)**, including hardware, energy meters, communication modules, enclosure, stand, and all associated accessories.
- b. Installation, testing, and commissioning of CCMS feeder panels at designated switching points along National Highways, service roads, and slip roads.
- c. Operation of the CCMS for **automated** and **remote ON/OFF control** of street lighting based on astronomical (sunrise/sunset) timings and central control commands.
- d. Preventive and breakdown maintenance of CCMS hardware, communication systems, and web-based central monitoring software for the entire contract period.
- e. Supply, replacement, and upkeep of all consumables and accessories including SIM cards/data connectivity, batteries, relays, protection devices, and other replaceable components required for uninterrupted CCMS operation.
- f. Training of operators and NHAI/Authority personnel for operation, monitoring, report generation, and basic troubleshooting of the CCMS.
- g. Continuous monitoring, logging, and reporting of electrical parameters, energy consumption, system performance, faults, and alerts in compliance with applicable energy efficiency and safety standards.
- h. Deployment and integration of the CCMS on **National Highways** including GIS-based mapping and centralized supervision.

2. Information about Bidding: -

3.1	Address of the Authority for correspondence	Regional Officer, RO-UP (West), Lucknow National Highways Authority of India 3/248, Vishal Khand, Gomti Nagar, Lucknow (Uttar Pradesh) Ph. 0522-4950680 Email: rowestup@nhai.org
3.2	Availability of Bid Documents	Bid The bid documents will be available for download from NHAI website http://www.nhai.gov.in or E- Tender Portal-NIC (https://etenders.gov.in)
3.3	Earnest Money Deposit/Bid Security	Bid security amounting to five Lakh in the form of Demand Draft / Bank Guarantee in favour of NHAI Regional office payable at NHAI, RO-UP (West), Lucknow
3.4	Performance Security	Equivalent to 10% of Contract Price in the form of Bank Guarantee (on approved format)/Demand Draft, in favour of NHAI Regional Office, UP (West) payable at Lucknow after issuance of Letter of Acceptance (LOA).
3.5	Last Time and date of submission of Bid	29.06.2026 at 05:00 PM.
3.6	Time and date of opening of Technical Bid	30.06.2026 at 12:00 PM.
3.7	Duration of Contract	60 months (05 Years), which may be extended/curtailed by the Authority based on performance & mutual consent.
3.8	Cost of Bid	Rs.25000/-(Twenty Five Thousand only) online in Authority's designated bank account of NHAI Regional Office-UP (West), Lucknow.

4. Method of Bidding:-

4.1 The bidder shall upload the following documents:

- Proof of online payment of Tender Fee.
- Proof of Bid Security.
- Power of Attorney authorizing signing of the bid.
- Joint Bidding Agreement, in case of a Joint Venture (JV), if any.
- Experience certificates must be issued by the Central Government, State Government, Public Sector Undertaking (PSU), or Municipal Corporation.

4.2 Additional Information / Guidelines

- Bidders shall upload copies of all the documents listed above while submitting the online bid.
- Technical and Financial Evaluation of bids, along with declaration of results, shall be carried out based on the documents submitted online and after confirmation of receipt of the Tender Cost in the account of NHAI Regional Office, UP (West), Lucknow.
- Bidders shall be asked to submit the original of all documents listed above after declaration of the bid evaluation result by the Authority.

d) All the bidders (including an individual bidder or any member of a Joint Venture) failing to submit the original documents as required under Clause 4.1 shall be unconditionally debarred from participating in NHAI projects for a period of one (1) year.

5. In case L-1 Bidder fails to submit the originals as per para 4.1, the bidding process shall be annulled and tenders shall be re-invited.
6. Authorized Signatory holding Power of Attorney or person executing/delegating such Power of Attorney shall only be the Digital Signatory. In other cases, the BID shall be considered **non- responsive**

7. Eligibility Criteria:

- a) The Bidder shall be a Contractor engaged in the supply, installation, commissioning, operation and maintenance of Centralized Control & Monitoring Systems (CCMS) for Street light work, and shall have valid ownership/authorization for the proposed CCMS hardware and software.
- b) The Bidder shall have a minimum experience of three (03) years in execution, operation and maintenance of CCMS for Street Lighting.
- c) The Bidder shall have an average annual turnover of not less than Rs.2.00 Crores during the last three (03) financial years.
- d) Experience certificates in support of the above experience shall be attached with the Bid documents and shall be issued by Central / State Government Departments, PSUs, or Municipal Corporations.

8. Earnest Money Deposit (EMD)/ BID Security: -

The **Bidder** shall furnish, as part of the bid, an **Earnest Money Deposit (EMD) / Bid Security** of the amount specified in the RFP document. The EMD / Bid Security shall be submitted in the form of a **Demand Draft / Bank Guarantee**, drawn in favour of **NHAI Regional Office, UP (West)**, payable at **Lucknow**, or through any other mode as permitted on the e-tendering portal. Any bid not accompanied by an acceptable EMD Bid Security shall be treated as **non- responsive** and shall be rejected by NHAI. The EMD / Bid Security of unsuccessful bidders shall be returned as per applicable rules.

9. Bid Validity: -

The bids shall be valid for 120 days from the date of opening as prescribed in 3.6 above.

8. Bid Submission: -

The bidder shall be submitting Technical & Financial proposal/bid only in the online e-portal (<https://etenders.gov.in>) in accordance to the bidding document.

9. Bid opening

The technical bids will be opened in the presence of bidder or their authorized representative, who wish to be present at the time of opening of bid, on due date. After scrutiny and evaluation of technical bids, NHAI shall inform those who are eligible for opening of financial bid and dates of opening of financial bid shall be intimated later only in e-portal (<https://etenders.gov.in>) to those bidders fulfilling the eligibility criteria and whose bids are considered responsive by the committee.

10. Performance Security: -

The successful bidder will be required to submit the performance security for an amount specified in 3.4 in the form of Bank Guarantee (B.G.)/ Demand Draft in favour of NHAI Regional Office, NHAI, RO-UP (West), Lucknow within 7 days of issue of letter of acceptance (**LOA**). The performance security shall be refunded after successful completion of contract.

11. Award and signing of Contract: -

NHAI shall issue Letter of Acceptance to the lowest bidder, whose Technical and Financial bid have been found technically and financially acceptable. The successful bidder shall then submit performance security within 7 days and execute the Agreement with NHAI on non-judicial stamp paper of Rs. 100/- (Rs. One Hundred Only).

12. Right to vary quantities: -

NHAI reserves the right, at any time during the contract period, to **increase or decrease the number of CCMS feeder panels / locations / units** to be supplied, installed, operated and maintained, as per the actual requirement of services, **without any change in the agreed rate(s), terms and conditions of the Contract.**

13. Right to reject any or all the quotations:

NHAI reserves right to reject any or all the bids without assigning any reason and no claim of whatsoever nature will be entertained for such act.
