

National Highways Authority of India
RO-Guwahati
NIT-3/2026-27
SECTION -I
NOTICE INVITING TENDER (NIT)

Dated:07.05.2026

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

Bids are invited for 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 downloads 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): - **28.05.2026 17:00 Hrs**
2. Date and time of Technical Bid opening: - **29.05.2026 17:00 Hrs**
3. Date of Financial Bid opening: - **Dates of opening of financial bid shall be intimated later**

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, Guwahati is as under:

S. No.	Particulars	Details
1	Name of Beneficiary	NHAI, Regional office, Guwahati
2	Name of Bank	Canara Bank& Dispur Branch
3	Account No.	1861201001995
4	IFSC Code	CNRB0001861

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-Guwahati,
National Highways Authority of India
Regional Office, 4th Floor, NEDFi House
G.S. Road, Dispur, Guwahati - 781 006, Assam
Tel: 0361-3104868/08130006048
[Email: rogby@nhai.org](mailto:rogby@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 PIU, Bongaigaon 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-Guwahati, National Highways Authority of India Regional Office, 4th Floor, NEDFi House G.S. Road, Dispur, Guwahati - 781 006, Assam Email: rogby@nhai.org
3.2	Availability of Bid Documents	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 (05) Five Lakh in the form of Demand Draft / Bank Guarantee in favour of NHAI Regional office payable at Guwahati.
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, Guwahati payable at Guwahati after issuance of Letter of Acceptance (LOA).
3.5	Last Time and date of submission of Bid	28.05.2026 17:00 Hrs
3.6	Time and date of opening of Technical & Financial Bid	29.05.2026 17:00 Hrs (Tech.) <i>Dates of opening of financial bid shall be intimated later</i>
3.7	Duration of Contract	60 months (05Years), 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, Guwahati.

4. Method of Bidding:-

4.1 The bidder shall upload following documents: -

- The Proof of online payment for Tender Fee.
- Proof of Bid Security.**
- Power of Attorney for signing the bid.
- Joint bidding Agreement for JV, if any.
- Experience certificates must be issued by the **Central / State Government, PSU, or Municipal Corporation.**

4.2 Additional information/ Guideline: -

- Bidders shall upload copies of all documents listed above while submitting the bid online.
- Technical & Financial evaluation of bid and declaration of result shall be done based on the documents received online after confirmation of Tender Cost in NHAI Regional Office, Guwahati's account.
- Bidders shall be asked to submit originals of all documents listed above after declaration of bid evaluation result by Authority.
- All the Bidders (including individual or any of its Joint Venture Members) failing to submit the original documents required as per 4.1 above shall be unconditionally debarred from bidding in NHAI projects for a period of 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 ₹1.00 Crore** 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, Guwahati**, payable at **Guwahati**, 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, Guwahati 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.

SECTION-III (TERMS & CONDITIONS)

1. The **Bidder/Contractor** shall have valid registration with the **GST Department** on the last date of submission of the Bid.
2. **The Bidder shall own or have valid authorization/arrangement** for the supply, installation, operation and maintenance of **Centralized Control & Monitoring System (CCMS) feeder panels**, including hardware, software, communication modules, and accessories conforming to the technical specifications prescribed in the RFP. Documentary proof of ownership/authorization shall be uploaded with the Bid.
3. **All CCMS feeder panels, controllers, energy meters and associated equipment** proposed under the Bid shall be new, unused, and of latest manufacture, and shall be in sound working condition at the time of installation.
4. In case any CCMS equipment, software platform, or communication service is provided through third-party arrangements, **valid authorization agreements / MOUs / licenses**, duly signed and legally valid, shall be submitted along with the Bid. Systems without valid authorization documents shall not be considered.
5. **All CCMS feeder panels and associated equipment shall be comprehensively insured**, wherever applicable, from a valid Insurance Company. The insurance shall be kept valid by the Contractor at its own cost during the entire contract period.
6. **NHAI shall not be responsible for any damage, theft, accident, cyber incident, data loss, or third-party claims** arising during installation, operation, or maintenance of the CCMS. The entire liability shall rest with the Contractor.
7. The Bidder shall quote rates **inclusive of all costs**, including but not limited to supply, installation, testing, commissioning, operation, monitoring, maintenance, software licenses, server/cloud charges, SIM cards/data connectivity, batteries, spare parts, consumables, insurance, and all other incidental charges **except GST**. The CCMS shall be operated and maintained on a **24×7 basis throughout the year**, as per NHAI's operational requirements.
8. **The scope/number of CCMS feeder panels/locations may be increased or decreased by NHAI** based on actual requirements. The variation shall be payable accordingly as per quoted rate.
9. The Contractor shall deploy **qualified, trained, and experienced technical personnel** for installation, operation, monitoring, and maintenance of the CCMS. All personnel shall follow prescribed safety norms. Any cost related thereto shall be deemed included in the quoted rates.
10. In case of **failure, malfunction, communication breakdown, or non-availability of any CCMS feeder panel or software service**, the Contractor shall restore the system with maximum period of **48 hours** from the time of reporting/Intimation. Failure to restore services within the stipulated time shall attract penalties of **₹5,000/- (Rupees Five Thousand only)** per instance or as specified in the RFP, recoverable from bills or Performance Security.
11. The CCMS shall be used exclusively for **monitoring, control, and automation of street lighting systems on National Highways / Associated infrastructure** under the jurisdiction of **PIU-Bongaigaon** or as directed by NHAI.
12. The Bidder shall quote rates **clearly in words and figures**. In case of discrepancy, rates quoted in words shall prevail.
13. **Performance shall be measured** based on service levels as prescribed in the RFP. Monthly performance review and reconciliation shall be carried out.

14. The Contractor shall submit **monthly invoices certified by the Engineer-in-Charge** for release of payment.
15. **No escalation or revision** in quoted rates shall be allowed during the entire contract period, except as expressly provided in the RFP.
16. The Contractor shall commence and complete the installation work within **the period specified in the Letter of Acceptance (LOA)**.
17. Evaluation of bids shall be carried out on **L1 basis**, as specified in the RFP.
18. The successful Bidder shall submit all required statutory documents and execute the **Contract Agreement** on non-judicial stamp paper of Rs.100/- at its own cost.
19. The Contract shall initially be valid for **Five (05) Years**, including comprehensive Operation & Maintenance, subject to satisfactory performance.
20. In case of persistent failure to perform, NHAI shall have the right to **suspend or debar** the Contractor from participating in future tenders of MoRTH/NHAI/NHIDCL for a specified period.
21. NHAI reserves the right to **reject any or all bids** without assigning any reason.
22. The Contract may be terminated by either party by giving **one (01) months' notice**, without any compensation, as per termination provisions of the RFP
23. Bids received after the due date and time shall be **summarily rejected**.
24. Corrigendum / amendments, if any, shall be published only on the **NHAI website(<https://www.nhai.gov.in/>)**/ e-Tender portal (<https://etenders.gov.in/>).
25. NHAI reserves the right to **modify, cancel, or annul** the tender process at any stage without assigning any reason.
26. The Contractor shall ensure **uninterrupted availability of all consumables, spares, accessories, software support, communication services (SIM/data connectivity), batteries, and replacement components** required for continuous and reliable operation of the **Centralized Control & Monitoring System (CCMS)** throughout the contract period.
27. The Bidder shall quote rates as specified in the **Financial Bid (BOQ)** – monthly / per-machine basis, as applicable.
28. NHAI shall have **no obligation**:
 - (a) Towards payment of wages, benefits, or statutory dues of Contractor's personnel.
 - (b) For losses due to negligence, accidents, or statutory violations by the Contractor.
 - (c) For theft, fire, or misconduct by Contractor's staff.
 - (d) For disputes between Contractor and its employees.
29. All disputes shall be subject to **PIU-Bongaigaon** jurisdiction only.
30. For Force Majeure, please refer Annexure- A1
31. For Arbitration - A2
32. For the indemnification clause, please refer Annexure- A3

Address:

Regional Officer, RO-Guwahati,
National Highways Authority of India
Regional Office, 4th Floor, NEDFi House
G.S. Road, Dispur, Guwahati - 781 006, Assam
Tel: 0361-3104868/08130006048
Email: roghy@nhai.org

Signature of the Applicant/

Authorised representative

Date:

Place:

(Seal of Bidder)