



भारतीय राष्ट्रीय राजमार्ग प्राधिकरण

(सड़क परिवहन एवं राजमार्ग मंत्रालय, भारत सरकार)

National Highways Authority of India

(Ministry of Road Transport and Highways, Government of India)

क्षेत्रीय कार्यालय-पश्चिम उ०प्र०, लखनऊ Regional Office - West UP, Lucknow.

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19001/1/RO-W-UP/Tender/430

Dated :03.06.2026

Corrigendum - I

To,

All Prospective Bidders,

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

Ref:-Tender ID: 2026_NHAI_279047_1

With reference to the RFP invited for the above-mentioned work, the corrigendum is enclosed herewith as "Annexure-B".

(Gautam Vishal)

Chief General Manager (T)-cum
Regional Officer-UP(West)

CORRIGENDUM

Annexure-A

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

BOQ

Preferable wattage consumption - 10-25 kW for active power, LED light 180 Watts, 63/25 kVA
Transformers as per actual site condition, Ingress Protection- IP-65/66

Sl. No.	Project Name	No. of LED light	Total required CCMS (Tentative)
1	Ghaziabad-Aligarh section of NH-34	3143	44
2	Six laning of Etawah-Chakeri (Kanpur) Section of Nh-2 from km.323.475 to 483.687 in the state of UP under NHDP Phase V on DBFOT Toll Basis	13318	182
3	4-laning of Aligarh-Kanpur Section from km. 356+000 (Design Ch. 373+085) to km 414+000 (Design Ch. 433+728) (Package-V from Mitrasen-Kanpur) of NH-91 in the State of Uttar Pradesh on Hybrid Annuity Mode under Bharatmala Pariyojana	3837	53
4	Lucknow to Ayodhya Section NH-27	1430	20
5	Kanpur Lucknow Expressway Pkg-1	1145	16
6	Kanpur Lucknow Expressway Pkg-2	506	7
7	Lucknow Ring Road Pkg 1	1912	26
8	Lucknow Ring Road Pkg 2	1442	20
9	Lucknow Ring Road Pkg 3A	240	3
10	Lucknow Ring Road Pkg 3B & Kisan Path	1005	14
11	Six lane of Agra-Etawah section of NH-19	12045	165
12	Hapur Bypass -Moradabad including Hapur Bypass (km 50.00 - km 148.277)	8308	114
Total		48331	663

In continuation of the RFP, the reply to Annexure-A may be read as under:-

S.No.	Authority Reply
1.	As per the technical specifications of the RFP, the CCMS feeder panel shall include a 3-phase, 4-wire DLMS compliant energy meter with Accuracy Class 0.5S. However, the RFP also provides that in case of an inbuilt energy meter, - the integrated system shall be DLMS compliant with Class 0.5S accuracy and capable of measuring and communicating all required electrical parameters as specified in Annexure-III. Therefore, integrated energy metering within the RTU may be acceptable provided all technical specifications, accuracy requirements and functional parameters specified in the RFP are fully complied with.
2.	As per the BOQ description and technical specifications, the CCMS feeder panel shall include enclosure with mounting arrangement such as pole mounted or ground/stand mounted installation along with accessories. The mounting configuration, enclosure dimensions and installation methodology may be finalized based on actual site conditions during execution. Panels shall comply with the ingress protection and other specifications prescribed in the RFP.
3.	The number of outgoing circuits from each CCMS feeder panel shall depend upon the connected lighting load, transformer configuration and distribution arrangement at the respective site locations. The contractor shall design the panel architecture accordingly while ensuring compliance with the RFP specifications, including the requirement that the CCMS unit rating shall be at least twice the connected lighting load.
4.	As per the scope of work and terms & conditions of the RFP, the bidder shall quote rates inclusive of all costs required for supply, installation, testing, commissioning, operation and maintenance of the CCMS system. This includes wiring, earthing, mounting arrangements, accessories, communication modules and all incidental items required for complete installation and operation of the system.
5.	The scope of work primarily includes installation of new CCMS feeder panels at designated switching points. Any dismantled materials encountered during installation shall be handled as per the directions of the Engineer-in-Charge/Authority. Such materials shall normally be handed over to the Authority unless otherwise instructed.
6.	As per the BOQ provisions, bidders shall quote the cost for Supply, Installation, Testing and Commissioning (SITC) of CCMS. Operation & Maintenance charges shall be payable at t of 12.5% of the accepted CCMS supply and installation cost per feeder panel per year, applicable after completion of the first year, for the remaining contract period as specified in the RFP.
7.	The installed street lighting on NH stretches under RO-UP (West) predominantly consists of LED luminaires of approximately 180 Watts rating per light.
8.	Bidders are advised to propose Three-Phase (3-s Ph) CCMS feeder panels suitable for the connected load at each switching point
9.	The rating of the CCMS unit shall be minimum twice the connected lighting load, as specified in the tender document.
10.	Street lighting feeders are generally connected through 25 kVA / 63 kVA transformers, depending on site conditions.
11.	The quantities indicated in the BOQ are tentative and may increase or decrease depending upon actual site conditions, number of luminaires, and transformer capacity during execution.
12.	As per Clause 4.1(d) of the RFP, bidders are required to submit a Joint Bidding Agreement in case of Joint Venture, if any, along with the bid documents. Accordingly, participation through a Joint Venture/Consortium is permissible, subject to submission of a valid Joint Bidding Agreement and fulfillment of all eligibility criteria and other conditions specified in the RFP.

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

NATIONAL HIGHWAY AUTHORITY OF INDIA, RO-Varanasi

Name of the Contractor				
Sr.	Name of Item	Unit	Quantity	Quoted Rate (₹)
1	Supply, Installation, Testing & Commissioning of Centralized Control & Monitoring System (CCMS) conforming to the Technical Specifications of the RFP under Section-IV (Technical Bid), including but not limited to: a) CCMS Feeder Panel (3-Phase) with enclosure, pole-mounted or ground/stand-mounted, and accessories etc. b) CCMS Controller / RTU / Gateway with GPRS/GSM communication c) 3-Phase DLMS compliant Energy Meter d) Protection devices (MCCB/MCB/ELCB/SPD, relays, contactors, etc.) e) Antenna, wiring, earthing, and all hardware accessories f) Web-based Central Control & Monitoring Software	Per CCMS	663	0.00
Total Cost (excluding GST)				0

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