

RFP for annual maintenance contract for 4 wheeler catenary maintenance vehicle (Phooltas PTL 201807006) of NGN for 2 years

NOIDA METRO RAIL CORPORATION (NMRC) LIMITED



REQUEST FOR PROPOSAL (RFP)

RFP for annual maintenance contract for 4 wheeler catenary maintenance vehicle (Phooltas PTL 201807006) of NGN for 2 years.

E tender No. NMRC/O&M/CMV-AMC/368/2025

March - 2025

Issued by:

Noida Metro Rail Corporation (NMRC) Limited
Block-III, 3rd Floor,
Ganga Shopping Complex, Sector-29, Noida -201301,
District Gautam Budh Nagar, Uttar Pradesh, India

RFP for 2 year annual maintenance contract of 4-wheeler catenary maintenance vehicle (Phooltas PTL 201807006) for NGN

Disclaimer

This Request for Proposal (RFP) Document (or “E-Tender” or “Bid”) for ‘ **two years annual maintenance contract 4 wheeler catenary maintenance vehicle (Phooltas PTL 201807006) for NGN** contains brief information about the scope of work and selection process for the Bidder (“the Contractor” or “the Tenderer”). The purpose of the Document is to provide the Bidders with information to assist the formulation of their Bidding Documents.

While all efforts have been made to ensure the accuracy of information contained in this RFP Document, this Document does not purport to contain all the information required by the Bidders. The Bidders should conduct their own independent assessment, investigations and analysis and should check the reliability, accuracy and completeness of the information at their end and obtain independent advice from relevant sources as required before submission of their Bid/s. Noida Metro Rail Corporation Ltd. (“NMRC” or “the Corporation” or “the Employer”) or any of its employees or advisors shall incur no liability under any law, statute, rules or regulations as to the accuracy or completeness of the RFP Document.

NMRC reserves the right to change any or all conditions/information set in this RFP Document by way of revision, deletion, updating or annulment through issuance of appropriate addendum as NMRC may deem fit without assigning any reason thereof.

NMRC reserves the right to accept or reject any or all Bids without giving any reasons thereof. NMRC will not entertain or be liable for any claim for costs and expenses in relation to the preparation of the Bid/s to be submitted in terms of this RFP Document.

Glossary

- a) **“Addendum / Amendment”** means any written amendment / addendum /corrigendum to this RFP, from time to time issued by NMRC to the prospective bidders
- b) **“Agreement”** means the Contract Agreement to be executed between NMRC and the Selected Bidder
- c) **“Applicable Laws”** means all the laws including local, state, national or other laws, brought into force and effect by Govt. of India, State Governments, local bodies, statutory agencies and any other, and rules / regulations / notifications issued by them from time to time. It also includes judgements, decrees, injunctions, writs and orders of any court or judicial authority as may be in force and effected from time to time
- d) **“Bidder”** or **“Tenderer”** means any entity which is a sole proprietorship firm, a partnership firm or a company, in title and assigns which is submitting its bid pursuant to RFP Documents
- e) **“Bid Due Date”** means Bid Submission end date and time given in the E-tender
- f) **“Earnest Money Deposit (EMD)”** means the refundable amount to be submitted by the Bidder along with RFP documents to NMRC
- g) **“NMRC”** means Noida Metro Rail Corporation Limited (or “Corporation” or “Employer”)
- h) **“Party”** means Contractor or Corporation (together they are called **“Parties”**)
- i) **“Performance Bank Guarantee/ Security Deposit”** means interest free amount to be deposited by the Contractor with NMRC as per terms and conditions of Contract Agreement as a security against the performance of the Contract agreement
- j) **“Permits”** shall mean and include all applicable statutory, environmental or regulatory Contracts, authorization, permits, consents, approvals, registrations and franchises from concerned authorities
- k) **“Re. or Rs. or INR”** means Indian Rupee
- l) **“Revenue Operations Date (ROD)”** means the date of operation of Metro
- m) **“Selected Bidder”** means the bidder who has been selected by NMRC, pursuant to the bidding process for award of Contract

The words and expressions beginning with capital letters and defined in this document shall, unless repugnant to the context, have the meaning ascribed thereto hereinabove.

RFP for 2 years annual maintenance of 4-wheeler catenary maintenance vehicle (Phooltas PTL 201807006) for NGN

Data Sheet

1	Name of the Bid	2 years annual maintenance contract of 4-wheeler catenary maintenance vehicle (Phooltas PTL 201807006) for NGN
2	Approximate Cost of Work	INR 48,18,871.61 (including GST)
3	Time-period of contract	Two (02) years
4	Method of selection	Cost Based Selection (Lowest –L1)
5	Bid Processing Fee	INR 5900 (including GST) (Rupees Five Thousand Nine Hundred only) through RTGS/NEFT only payable in favour of Noida Metro Rail Corporation Limited
6	Ernest Money Deposit (EMD)	INR 96378/- (Rupees Ninty Six thousand three hundred Seventy Eight only) through RTGS/NEFT payable only in favour of Noida Metro Rail Corporation Limited.
7	Financial Bid to be submitted together with Technical Bid	Yes
8	Name of the Corporation's official for addressing queries and clarifications	AGM (Electrical) Noida Metro Rail Corporation Ltd. Block-III, 3rd Floor, Ganga Shopping Complex, Sector-29, Noida 201301 Email:nmrcjgmelectrical@gmail.com Website:www.nmrcnoida.com, http://etender.up.nic.in
9	Bid Validity Period	180 days
10	Bid Language	English
11	Bid Currency	INR
12	Schedule of Bidding Process	
	Head	Key Dates
	Uploading of Bid	19/03/2025, Wednesday
	Pre Bid Meeting	26/03/2025, 11:00 hrs(IST), Wednesday
	Last date of seeking clarification	29/03/2025, 17:30 hrs(IST) Saturday
	Last date of issuing amendment, if any	03/04/2025, 17:30 hrs(IST) Thursday
	Last Date of Sale of tender	16/04/2025, 17:30 hrs(IST), Wednesday
	Last Date of Bid Submission	17/04/2025, 11:00 hrs(IST), Thursday
	Date of Technical Bid Opening	17/04/2025, 17:30 hrs(IST), Thursday
13	JV/Consortium to be allowed	No
14	Account details	For Bid Processing Fee & EMD State Bank of India (04077) – Sector 18, Noida Gautam Budh Nagar, Uttar Pradesh -201301 IFSC Code: SBIN0004077 A/c No. 37707840592 Noida Metro Rail Corporation Ltd.

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1. Section 1: General Information

1.1. Basic Information

- a. Noida and Greater Noida are being developed as the satellite towns to New Delhi and more and more people from Delhi and other areas are shifting to these towns in search of fresh air, greenery and better infrastructure. There is a need of providing an efficient, reliable and comfortable transportation system for the population intending to settle in these towns and also the public coming to these areas for education, service and business.
- b. Noida Metro Rail Corporation is a Special Purpose Vehicle (SPV) formed by Noida and Greater Noida Authorities for planning and executing urban transport projects in Noida, Greater Noida regions. The Corporation desires to provide a world-class Public Transportation System with state-of-the-art technology. As such, the overarching criterion for setting up of the Corporation is to help create an efficient, safe, reliable, economical and affordable public transport system.
- c. An elevated metro line between Noida and Greater Noida is already operational. NMRC invites Bids for selection of Contractor **for 2 years annual maintenance contract of 4-wheeler catenary maintenance vehicle (Phooltas PTL 201807006) for NGN.**

In this regard, the Corporation now invites the interested Bidder/s to submit their proposals as per provisions of this RFP Document.

- d. NMRC will shortlist the Bidders on the basis of evaluation criteria mentioned in this RFP Document. On the basis of the minimum evaluation criteria, qualified Bidders will be shortlisted and financial proposal of only qualified Bidders will be opened.

1.2. About Metro Location

The metro corridor is 29.7 km long and is known as Noida Greater Noida Metro Rail Corridor. It comprises 21 metro stations starting from Sector 51 in Noida and ends up at Depot Station in Greater Noida. The map is in Appendix 1: Metro Alignment

1.3. Communication

All communications should be addressed to -

AGM (Electrical)
Noida Metro Rail Corporation (NMRC) Limited
Block-III, 3rd Floor, Ganga Shopping Complex, Sector-29,
Noida -201301
District Gautam Budh Nagar, Uttar Pradesh
Email: nmrcjgmelectrical@gmail.com

2. Section 2: Terms of Reference and scope of work

2.1. General

The scope of work includes two years annual maintenance of 4-wheeler catenary maintenance vehicle (Phooltas PTL 201807006) for NGN.

- 2.1.1 Contractor will perform periodical Preventive and Corrective maintenance of CMV (Under Section-1), various activity based maintenance of various assets installed in CMV without alteration in basic design of any assembly/machine or any circuit of 4-wheeler catenary maintenance vehicle (Phooltas PTL 201807006) of NGN as per the mentioned schedule (Under Section-2) and Supply of General Spares (Section-3). Contractor will also attend the breakdown of CMV on an emergency basis, if any arises.

The potential bidders should have requisite knowledge of design, working, functioning, operation maintenance of OEM M/s Phooltas Transrail make CMV/CTMC/UTV along with all the related assets installed in CMV (For example - 7.5 kVA DG set, Transmission system, Gear Box, Complete hose & Pneumatic pipes, various electrical connections, relays, platform etc.) installed in CMV.

The firm should have adequate experiences of attending/servicing of complete system installed under M/s Phooltas transrail make CMV/CTMC/UTV during breakdown. The repair/breakdown work should be attended in consonance with OEM's designs circuit and specification. There should be no alteration in the basic design of any assembly/machine or any circuit of pneumatic hydraulic and electric system of CMV.

- 2.1.2 NMRC is an ISO-14001 & OHSAS 18001 certified Organization for Environment, Health & safety. The work is to be carried out as per International Norms/Standards and in such a manner that all premises always look Neat & Clean. Similarly, the waste disposal is also carried out in totally sealed manner without affecting the Environment.

2.2. INTERFACE WORKS:

2.2.1 Co-ordination/co-operation with other contractors:

The contractor shall cooperate with the other contractors appointed by the employer so that the work proceeds smoothly to the satisfaction of the engineer. The contractor shall plan & execute the works with proper interfacing with other contractors.

2.3. REFERENCE TO THE STANDARD CODES OF PRACTICE

All Standards, Technical Specifications and Codes of practice referred to shall be latest editions including all applicable official amendments and revisions. The Contractor shall make available at site all relevant Indian Standard Codes of practice and IRSC & IRC Codes as applicable.

- 2.3.1 Wherever Indian Standards do not cover some particular aspects of design/construction, relevant British/German Standards will be referred to. The Contractor shall make available at site such standard codes of practice.

- 2.3.2 In case of discrepancy among Standard codes of practice, Technical Specifications and provisions in sub clauses in this NIT, the order of precedence will be as below:

- i) Provision in NIT
- ii) Technical Specifications,
- iii) Standard Codes of Practice.

- 2.3.3 In case of discrepancy among Standard Codes of Practice, the order of precedence will be ACTM, IS, BS, DIN.

3. Section 3: Instructions to Bidders

3.1. General instructions

- a. A tenderer shall submit only one e-bid in the same tendering process, individually as a tenderer.
A tenderer who submits or participates in more than one bid will cause all of the proposals in which the tenderer has participated to be disqualified. No tenderer can be a sub-contractor while submitting a bid in the same bidding process. A tenderer, if acting in the capacity of subcontractor in any bid, may participate in more than one bid, but only in that capacity.
- b. The Bidder shall initiate, and actively pursue and involve itself in all investigations and enquiries, Corporation feedbacks, information, convening of and attendance at meetings, and in any other activities as are or may be necessary for producing high quality work as per the requirements.
- c. The Bidder shall carry out the services in compliance with the provisions of this Agreement. Any and all changes necessary to ensure that the Bidder's documents conform to the intent and purpose set out in the Agreement, shall be made at the Bidder's own expense. The Bidder represents that it is a professional and experienced company, and hereby agrees to bear full responsibility for the correctness and technical merit of the services performed.
- d. Bidders shall be evaluated on the basis of the Evaluation Criteria specified in this document. Bidders shall be deemed to have understood and agreed that no explanation or justification for any aspect of the Selection Process will be given and that NMRC's decisions are without any right of appeal whatsoever.
- e. Any entity which has been barred by the Central/State Government in India or by any entity controlled by them, from participating in any project, and the bar subsists as on the date of Bid, would not be eligible to submit an e-Bid.
- f. Bidders are encouraged to inform themselves fully about the assignment and the local conditions before submitting the e-Bid by paying a visit to the Corporation and/or by sending written queries to NMRC before the last date for receiving queries/clarifications.
- g. NMRC shall not be liable for any omission, mistake or error on the part of the Bidder in respect of any of the above or on account of any matter or thing arising out of or concerning or relating to e-Bid or the Selection Process, including any error or mistake therein or in any information or data given by NMRC.
- h. The currency for the purpose of the Proposal shall be the Indian Rupee (INR).
- i. Tenderers shall not have a conflict of interest. All Tenderers found to have a conflict of interest shall be disqualified. Tenderers shall be considered to have a conflict of interest with one or more parties in this bidding process, if:
 - i. A tenderer has been engaged by the Employer to provide consulting services for the preparation related to procurement or implementation of the project.
 - ii. A tenderer is any associates/affiliates (inclusive of parent firms) mentioned in subparagraph above; or
 - iii. A tenderer lends or temporarily seconds its personnel to firms or organizations which are engaged in consulting services for the preparation related to procurement for an implementation of the project, if the personnel would be involved in any capacity on the same project.

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- j. The tenderer shall bear all costs associated with the preparation and submission of its e-Bid and Noida Metro Rail Corporation Ltd. ("NMRC" or "the Corporation"), will in no case be responsible or liable for these costs, regardless of the conduct or outcome of the Bid process.
- k. This tender document is available on the website <http://etender.up.nic.in> or on NMRC website (www.nmrcnoida.com) to enable the tenderers to view, download the e-Bid document and submit e-Bids online up to the last date and time mentioned in e-Tender notice/tender document against this e-Tender. The tenderers shall have to pay cost of e-bid document/e-Tender processing fee of as mentioned in **Data Sheet** through RTGS/NEFT only payable in favour of Noida Metro Rail Corporation Limited in the A/c No. mentioned in **Data Sheet**. The scanned copy of RTGS/NEFT receipt with transaction Id certified by the same bank must be enclosed along with the e-Bid. **This cost of bid document/e-Tender processing fee as mentioned in Data Sheet will be non-refundable. Tender without cost of bid document/e-Tender processing fee in the prescribed form, will not be accepted.**

3.1.2.Acknowledgement by Bidder

It shall be deemed that by submitting the e-Bids, the Bidder has:

- a. Made a complete and careful examination of the e-Bids;
- b. Received all relevant information requested from NMRC;
- c. Acknowledged and accepted the risk of inadequacy, error or mistake in the information provided in the e-Bids or furnished by or on behalf of NMRC;
- d. Satisfied itself about all matters, things and information, necessary and required for submitting an informed Application and performance of all of its obligations there under;
- e. Acknowledged that it does not have a Conflict of Interest; and
- f. Agreed to be bound by the undertaking provided by it under and in terms hereof.

3.1.3.Availability of Bid Document

This Bid document is available on the web site <http://etender.up.nic.in> or on Noida Metro website www.nmrcnoida.com to enable the Bidders to view, download the e-Bid document and submit e-Bids online up to the last date and time mentioned in e-Bidder notice/ e-Bid document. The Bidder's shall have to pay e-Bid document fee and EMD as mentioned in Data sheet through RTGS/ NEFT on addresses given in data sheet. The scanned copy of RTGS/ NEFT with transaction ID certified by the same bank must be enclosed along with the e-Bid. This e-Bid document fee will be non-refundable. E-Bid without Bid fee in the prescribe form will not be accepted.

3.1.4.Clarifications of e-Bid

- a. During evaluation of e-Bid, NMRC may, at its discretion, ask the Bidder for a clarification of his/her e-Bid. **The request for clarification shall be in writing.**
- b. **Any queries or request for additional information concerning this RFP shall be submitted in writing or by fax and e-mail to the AGM/Electrical, NMRC only before or during Pre-Bid Meeting held at NMRC premises.** The envelopes/communication shall clearly bear the following identification/ title: **"Queries/ Request for Additional Information: RFP for 2 years annual maintenance of 4-wheeler catenary maintenance vehicle (Phooltas PTL 201807006) for NGN"**. The responses will be posted to all such queries on the official Website www.nmrcnoida.com. NMRC reserves the right not to respond to any questions or provide any clarifications, in its sole discretion, and nothing in this Clause shall be taken or read as compelling or requiring NMRC to respond to any question or to provide any clarification.

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- c. A pre- submission meeting shall be called on the date mentioned in **Data Sheet** at NMRC Office. Any change corresponding to date, if any, shall be communicated to the Bidder vide NMRC/e-Tendering website.
- d. In case the Bidder seeks for any queries, he shall send letter or e-mail to the correspondence address given in Data Sheet.

However, NMRC shall not entertain any correspondence from the Bidders during the period of e-Bid opening to selection of the successful Bidder. Any wrong practice shall be dealt under Fraud and Corrupt Practices.

- e. The Tenderer is advised to visit and examine the Site of Works and its surroundings and obtain for himself on his own responsibility all information that may be necessary for preparing the Tender and entering into a contract for the proposed work. The costs of visiting the Site shall be borne by the Tenderer. It shall be deemed that the Contractor has undertaken a visit to the Site of Works and is aware of the site conditions prior to the submission of the tender documents.
- f. The Tenderer and any of his personnel will be granted permission by the Employer to enter upon his premises and lands for the purpose of such inspection, but only upon the express condition that the Tenderer, and his personnel, will release and indemnify the Employer and his personnel from and against all liability in respect thereof and will be responsible for death or personal injury, loss of or damage to property and any other loss, damage, costs and expenses incurred as a result of the inspection.

3.1.5. Amendment of e-Bid Document

- a. At any time prior to the deadline for submission of e-Bid, NMRC may, for any reason, whether at its own interactive or in response to a clarification requested by a prospective Bidder, modify the e-Bid document by amendments. Such amendments shall be uploaded on the e-procurement website <http://etender.up.nic.in> or NMRC's website www.nmrcnoida.com. The relevant clauses of the e-Bid document shall be treated as amended accordingly.
- b. It shall be the sole responsibility of the prospective Bidder to check the website <http://etender.up.nic.in> or NMRC's website www.nmrcnoida.com from time to time for any amendment in the e-Bid documents. In case of failure to get the amendments, if any, NMRC shall not be responsible for it.
- c. In order to allow prospective e-Bids a reasonable time to take the amendment into account in preparing their e-Bids, NMRC, at the discretion, may extend the deadline for the submission of e-Bids. Such extensions shall be uploaded on the e-procurement website <http://etender.up.nic.in> or NMRC's website www.nmrcnoida.com.

3.2. Preparation and submission of Bids

3.2.1. Language of e-Bid

The e-Bid prepared by the Bidder, as well as all correspondence and documents relating to the e-Bid exchanged by the Bidder and NMRC shall be written in **English language. Only English numerals shall be used in the e-Bid.** The correspondence and documents in any other language must be accompanied by transcripts verified by the Embassy of Home Country or equivalent.

3.2.2. Documents constituting the e-Bid

The e-Bid prepared by the Bidder shall comprise the following components:

- a. **Technical e-Bid- Technical e-Bid will comprise of -**
 - i. **Fee details -** Details of Bid processing fee (**non refundable**) and prescribed EMD

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- ii. **Eligibility details** - Includes copies of required documents in PDF format justifying that the Bidder is qualified to perform the contract if his/her bid is accepted and the Bidder has financial & technical capability necessary to perform the contract and meets the criteria outlined in the Qualification requirement and technical specification and fulfill all the conditions of the contract.
- iii. **Technical evaluation** - Details of all documents needed for Technical evaluation as mentioned in this RFP

b. Financial e-Bid -

- i. **Price bid – Bill of Quantities in XLS format** to be filled in after downloading from the e-Procurement website for this e-tender (<http://etender.up.nic.in>). There shall be a single financial quote for the package for which the e-bid is submitted.

3.2.3. Documents establishing Bidder's Qualification

- a. The Bidder shall furnish, as part of its technical e-Bid, documents establishing the Bidder's qualification to perform the contract if its e-Bid is accepted. The documentary evidence should be submitted by the Bidder electronically in the PDF format with signature and stamp.
- b. The documentary evidence of Bidder's qualification to perform the contract if its e-Bid is accepted shall be as per qualification requirements specified in e-Bid document.

3.2.4. E-Bid form

The Bidder shall complete the e-Bid form and the appropriate price schedule/BOQ furnished in the e-Bid document.

3.2.5. E-Bid Currency

Prices shall be quoted in **Indian Rupees only**.

3.2.6. Formats and Signing of e-Bid

- a. The Bidder shall prepare one electronic copy of the technical e-Bid and financial e-Bid separately.
- b. The e-Bid document shall be digitally signed, at the time of uploading, by the Bidder or a person or persons duly authorized to bind the Bidder to the contract. **The later authorization shall be indicated by a scanned copy of written power-of attorney accompanying the e-Bid.** All the pages/documents of the e-Bid that are to be uploaded shall be digitally signed by the person authorized to sign the e-Bid.
- c. Bidders should provide all the information as per the RFP and in the specified formats. NMRC reserves the rights to reject any proposal that is not in the specified formats.
- d. In case the Bidders intends to provide additional information for which specified space in the given format is not sufficient, it can be furnished in duly stamped and signed PDFs.

3.2.7. Deadline for submission of e-Bid

E-Bid (Technical and financial) must be submitted by the Bidder at e-procurement website <http://etender.up.nic.in> not later than the time specified on the prescribed date (as the server time displayed in the e-procurement website). NMRC may, at its discretion, extend this deadline for submission of e-Bid by amending the e-Bid document, in which case all rights and obligations of NMRC and Bidders previously subject to the deadline will thereafter be subject to the deadline as extended.

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3.2.8.Submission of e-Bid

- a. The e-bid submission module of e-procurement website <http://etender.up.nic.in> enables the Bidders to submit the e-Bid online in response to this e-Bid published by NMRC.
- b. Bid submission can be done only from the bid submission start date and time till the bid submission end date and time given in the e-Bid. Bidders should start the bid submission process well in advance so that they can submit their e-Bid in time.
- c. The Bidder should submit their e-Bid considering the server time displayed in the e- procurement website. This server time is the time by which the e-Bid submission activity will be allowed till the permissible time on the last/end date of submission indicated in the e-Bid schedule.
- d. Once the e-Bid submission date and time is over, the Bidders cannot submit their e-Bid. For delay in submission of e-Bid due to any reasons, the Bidders shall only be held responsible.

3.2.8.1. The Bidders have to follow the following instructions for submission of their e-Bid:

- a. For participating in e-Bid through the e-Bidding system it is necessary for the Bidders to be the registered users of the e-procurement website <http://etender.up.nic.in>. The Bidders must obtain a user login Id and password by registering themselves with <https://etender.up.nic.in/nicgep/app> if they have not done so previously for registration.
- b. In addition to the normal registration, the Bidder has to register with his/her digital signature certificate (DSC) in the e-Bidding system and subsequently he/she will be allowed to carry out his/her e-Bid submission activities. Registering the digital signature certificate (DSC) is a one-time activity. Before proceeding to register his/her DSC, the Bidder should first log on to the e-Bidding system using the user login option on the home page with the login Id and password with which he/she has registered.
For successful registration of DSC on e-procurement website <http://etender.up.nic.in> the Bidder must ensure that he/she should possess class-2/class-3 DSC issued by any certifying authorities approved by controller of certifying authorities, Government of India, as the e-procurement website <http://etender.up.nic.in> is presently accepting DSC issued by these authorities only. The Bidder can obtain user login Id and perform DSC registration exercise given above even before the e-Bid submission date starts. NMRC shall not be held responsible if the Bidder tries to submit his/her e-Bid at the moment before end date of submission but could not submit due to DSC registration problem.
- c. The Bidder can search for active Bids through "search active tenders" link, select a Bid in which he/she is interested in and then move it to 'My Tenders' folder using the options available in the e-Bid submission menu. After selecting and the Bid, for which the Bidder intends to e-Bid, from "My tenders" folder, the Bidder can place his/her e-Bid by clicking "pay offline" option available at the end of the view Bid details form. Before this, the Bidder should download the e-Bid document and price schedule/bill of quantity (BOQ) and study them carefully. The Bidder should keep all the documents ready as per the requirements of e-Bid document in the PDF format except the price schedule /bill of quantity (BOQ) which should be in the XLS format (excel sheet).
- d. After clicking the 'pay offline' option, the Bidder will be redirected to terms and conditions page. The Bidder should read the terms & conditions before proceeding to fill in the Bid fee and EMD offline payment details. After entering and saving the Bid fee and EMD details form so that "bid document preparation and submission" window appears to upload the documents as per technical (fee details, qualification details, e-Bid form and technical specification details) and financial (e-Bid form and price schedule/BOQ) schedules/packets given in the Bid details. The details of the RTGS/NEFT should tally with the details available in the scanned copy and the date entered during e-Bid submission time otherwise the e-Bid submitted will not be accepted.

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- e. Next the Bidder should upload the technical e-Bid documents for fee details (e-Bid fee and EMD), Qualification details. Before uploading, the Bidder has to select the relevant digital signature certificate. He may be prompted to enter the digital signature certificate password, if necessary. For uploading, the Bidder should click "browse" button against each document label in technical and financial schedules/packets and then upload the relevant PDF/XLS files already prepared and stored in the Bidder's computer. The required documents for each document label of technical (fee details, qualification details, e-Bid form and technical specification details) and financial (e-Bid form and price schedule/BOQ) schedules/packets can be clubbed together to make single different files for each label.
- f. The Bidder should click "Encrypt" next for successfully encrypting and uploading of required documents. during the above process, the e-Bid document is digitally signed using the DSC of the Bidder and then the documents are encrypted/locked electronically with the DSC's of the bid openers to ensure that the e-Bid documents are protected, stored and opened by concerned bid openers only.
- g. After successful submission of e-Bid document, a page giving the summary of e-Bid submission will be displayed confirming end of e-Bid submission process. The Bidder can take a printout of the bid summary using the "print" option available in the window as an acknowledgement for future reference.
- h. NMRC reserves the right to cancel any or all e-Bids without assigning any reason.

3.2.9. Late e-Bid

- a. E-Bids received by NMRC after the specified time on the Bid Due Date shall not be eligible for consideration and shall be summarily rejected and in this case e-bid fee will not be refundable.
- b. The server time indicated in the bid management window on the e- procurement website <http://etender.up.nic.in> will be the time by which the e-Bid submission activity will be allowed till the permissible date and time scheduled in the e-Bid.
- c. Once the e-Bid submission date and time is over, the Bidder cannot submit his/her e-Bid. Bidder has to start the bid submission well in advance so that the submission process passes off smoothly. The Bidder will only be held responsible if his/her e-Bid is not submitted in time due to any of his/her problems/faults, for whatsoever reason, during e-Bid submission process.

3.2.10. Withdrawal and resubmission of e-Bid

- a. At any point of time, a Bidder can withdraw his/her e-Bid submitted online before the bid submission end date and time. For withdrawing the Bidder should first log in using his/her login id and password and subsequently by his/her digital signature certificate on the e-procurement website <http://etender.up.nic.in>. The Bidder should then select "My bids" option in the bid submission menu. The page listing all the bids submitted by the Bidder will be displayed. Click "View" to see the details of the bid to be withdrawn. After selecting the "bid withdrawal" option the Bidder has to click "Yes" to the message "Do you want to withdraw this bid?" displayed in the bid information window for the selected bid. The Bidder also has to enter the bid withdrawing reasons and upload the letter giving the reasons for withdrawing before clicking the "Submit" button. The Bidder has to confirm again by pressing "OK" button before finally withdrawing his/her selected e-Bid.
- b. No e-Bid may be withdrawn in the interval between the deadline for submission of e-Bids and the expiration of period of bid validity. Withdrawal of an e-Bid during this interval may result in the forfeiting of Bidder's e-Bid security/EMD.
- c. The Bidder can re-submit his/her e-Bid as when required till the e-Bid submission end date and time. The e-Bid submitted earlier will be replaced by the new one. The payment made by the Bidder earlier will be used for revised e-Bid and the new e-Bid submission summary generated

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after the successful submission of the revised e-Bid will be considered for evaluation purposes. For resubmission, the Bidder should first log in using his/her login Id and password and subsequently by his/her digital signature certificate on the e-procurement website <http://etender.up.nic.in>. The Bidder should then select "My bids" option in the bid submission menu. The page listing all the bids submitted by the Bidder will be displayed. Click "View" to see the detail of the e-Bid to be resubmitted. After selecting the "bid resubmission" option, click "Encrypt & upload" to upload the revised e-Bids documents.

- d. The Bidder can submit their revised e-Bids as many times as possible by uploading their e-Bid documents within the scheduled date & time for submission of e-Bids.
- e. No e-Bid can be resubmitted subsequently after the deadline for submission of e-Bids.

3.2.11. NMRC's right to accept any e-Bid and to reject any or all e-Bids.

- a. Notwithstanding anything contained in this Bid, NMRC reserves the right to accept or reject any Bid and to annul the Selection Process and reject all Bids, at any time without any liability or any obligation for such acceptance, rejection or annulment, and without assigning any reasons thereof.
- b. NMRC reserves the right to reject any e-Bid if:
 - At any time, a material misrepresentation is made or uncovered, or
 - The Bidder does not provide, within the time specified by NMRC, the supplemental information sought by NMRC for evaluation of the e-Bid.
- c. **Such misrepresentation/ improper response may lead to the disqualification of the Bidder. If such disqualification /rejection occurs after the e-Bid have been opened and the highest ranking Bidder gets disqualified / rejected, then the NMRC reserves the right to consider the next best Bidder, or take any other measure as may be deemed fit in the sole discretion of NMRC, including annulment of the Selection Process.**

3.2.12. Period of validity of e-Bid

- a. E-Bid shall remain valid for 180 days after the date of e-Bid opening prescribed by NMRC. An e-Bid valid for a shorter period shall be rejected by NMRC as non-responsive.
- b. In exceptional circumstances, NMRC may solicit the Bidder's consent to an extension of the period of e-Bid validity. The request and the response thereto shall be made in writing.

3.2.13. Correspondence with the Bidder

- a. Save and except as provided in this e-Bid, NMRC shall not entertain any correspondence with any Bidder or its Technical Partners in relation to acceptance or rejection of any e-Bid.
- b. Subject to Clause 3.4.5 no Bidders or its Technical Partners shall contact NMRC on any matter relating to his e-Bid from the time of Bid opening to the time contract is awarded.
- c. Any effort by the Bidder or by its Technical Partners to influence NMRC in the Bid evaluation, Bid comparison or contract award decisions, may result in the rejection of his Bid.

3.3. Earnest Money Deposit

3.3.1. Earnest money deposit (EMD)

- a. The tenderer shall furnish, as part of its e-Bid, an e-Bid security/ EMD as stated in Data Sheet in form of RTGS/NEFT only in favour of Noida Metro Rail Corporation Limited in the A/c No. mentioned in **Data Sheet**. The scanned copy of RTGS/NEFT receipt of Security/ EMD with transaction Id certified by the same bank must be enclosed along with the e-Bid. Tender without Earnest Money in the prescribed form, will not be accepted.

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- b. Any e-Bid not secured in accordance with above shall be treated as non-responsive and rejected by NMRC.
- c. **Unsuccessful Bidder's EMD will be returned within 45 days of opening of the Price Bid in case of Conclusion or discharge of the tender after providing relevant document by tenderer as per RFP.**
- d. No interest will be paid by the Employer on the Earnest Money Deposit.
- e. **The successful Bidder's e-Bid EMD will be adjusted with Performance Bank Guarantee, if applicable, to be submitted by the Bidder upon signing the contract.**
- f. The EMD may be forfeited:
 - i. If Bidder (a) withdraws its e-Bid during the period of e-Bid validity specified in RFP on the e-bid form: or (b) does not accept the correction of errors or (c) modifies its e-Bid price during the period of e-Bid validity specified by the Bidder on the form.
 - ii. In case of a successful Bidder, if the Bidder fails to sign the contract with the Corporation.

3.4. Opening and Evaluation of e-Bids

3.4.1. Opening of technical e-Bid by NMRC

- a. NMRC will open all technical e-Bids, in the presence of Bidder's representatives who choose to attend on the prescribed date of opening at NMRC Office. **The Bidder's representatives who are present shall submit the letter to NMRC on the letter head of the company stating that the representative (name) is authorized to attend the meeting** (Please note – The representative is required to carry a copy during pre-Bid and other related meetings as well). He / She shall sign a register evidencing their attendance at NMRC. **In the event of the specified date e-Bid opening being declared a holiday for the Corporation, the e –bids shall be opened at the appointed time and place on the next working day.**
- b. The Bidder who is participating in e-Bid should ensure that the RTGS/NEFT of Bid Processing Fee and EMD must be submitted in the prescribed account of NMRC within the duration (strictly within opening & closing date and time of individual e-Bid) of the work as mentioned in Bid notice, otherwise, in any case, e-Bid shall be rejected.
- c. The Bidders names and the presence or absence of requisite e-Bid security and such other details as NMRC at its discretion may consider appropriate, will be announced at the opening.

3.4.2. Opening of financial e-Bid

- a. **After evaluation of technical e-Bid, through the evaluation committee NMRC shall notify those bidders whose technical e-Bids were considered non-responsive to the conditions of the contract and not meeting the technical specifications and qualification requirements indicating that their financial e-Bids will not be opened.**
- b. NMRC will simultaneously notify the Bidders, whose technical e-Bids were considered acceptable to the Corporation. **The notification may be sent by e-mail provided by Bidder.**
- c. The financial e-Bids of technically qualified Bidders shall be opened in the presence of technically qualified bidders who choose to attend. **The date and time for opening of financial bids will be communicated to the technically qualified Bidders subsequently after completion of technical bids evaluation through e-mail provided by the Bidder.**

3.4.3. Correction of Errors

- a. Financial Bids determined to be responsive will be checked by NMRC for any arithmetic errors. Where there is a discrepancy between the rate quoted in the Financial Bid, in figures and in

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words, the **amount in words will prevail** over the amounts in figures, to the extent of such discrepancy.

- b. The amount stated in the Financial Bid will be adjusted by NMRC in accordance with the above procedure for the correction of errors and shall be considered as binding upon the Bidder. If the Bidder does not accept the corrected quoted rate of e-Bid, his e-Bid will be rejected, and his Bid Security shall be liable for forfeiture in accordance with Clause 3.3 1f.

3.4.4. Examination of e-Bid document

- a. The NMRC will examine the e-Bid to determine if:
 - i. They are complete;
 - ii. They meet all the conditions of the contract;
 - iii. The required Bid Processing fee, EMD and other required documents have been furnished;
 - iv. The documents have been properly duly signed; and
 - v. The e-Bids are in order.
- b. Any e-Bid or e-Bids not fulfilling these requirements shall be rejected.

3.4.5. Contacting NMRC

- a. No Bidder shall contact NMRC on any matter relating to his/her e-Bid, from the time of the e-Bid opening to the time the contract is awarded. If the Bidder wishes to bring additional information to the notice of NMRC, he/she can do so in writing.
- b. Any effort by a Bidder to influence NMRC in its decisions on e-Bid evaluation, e-bid comparison or contract award may result in rejection of the Bidder's e-Bid.
- c. In the event of any information furnished by the Bidder is found false or fabricated, the minimum punishment shall be debarring /blacklisting from Noida Metro works and legal proceeding can also be initiated. EMD of such bidders will be forfeited.

3.4.6. Confidentiality

- a. Information relating to the examination, clarification, evaluation, and recommendation for the Bidders shall not be disclosed to any person who is not officially concerned with the process or is not a retained professional advisor advising NMRC in relation to or matters arising out of, or concerning the Bidding Process. Any effort by a Bidder to exert undue or unfair influence in the process of examination, clarification, evaluation and comparison of Proposal shall result in outright rejection of the offer, made by the said Bidder.
- b. NMRC shall treat all information, submitted as part of Bid, in confidence and shall require all those who have access to such material to treat the same in confidence. NMRC may not divulge any such information unless it is directed to do so by any statutory entity that has the power under law to require its disclosure or is to enforce or assert any right or privilege of the statutory entity and/ or NMRC or as may be required by law or in connection with any legal process.

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3.5. Award of Contract

3.5.1. Award Criteria

- a. NMRC will award the contract as per evaluation criteria stated in the RFP Document.
- b. NMRC will award the contract to the successful Bidder whose bid has been determined to be responsive to all the conditions of the contract and meeting the eligibility requirement of the bidding document.

3.5.2. Notice of Award (NOA)

- a. Prior to the expiration of the period of e-Bid validity, NMRC will notify the successful Bidder in writing, by letter/e-mail/fax, that its e-Bid has been accepted.
- b. The acceptance of NOA will constitute the formation of the contract.

3.5.3. Signing of contract

At the same time as NMRC notifies the successful Bidder that its e-Bid has been accepted; the successful Bidder shall have to sign the contract agreement with relevant document as mentioned in the RFP. The agreement draft along with other related terms and conditions will be same as furnished in this e-Bid. Any refusal will not be allowed and EMD may be forfeited at the time of refusal. The Bidder need not download and submit in hard copies of these documents.

3.5.4. NMRC's right to accept any e-Bid and to reject any or all e-Bids

NMRC reserves the right to accept or reject any e-Bid, and to annul the e-Bid process and reject all e-Bids at any time prior to contract award, without thereby incurring any liability to the affected tenderer or tenderers.

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4. Section 4: Qualification, Evaluation and Selection Process

4.1. Eligibility Criteria

The Bidder's competence and capability is proposed to be established by the following parameters. The Bidder should meet all the criteria given in this section.

- a. Sole proprietorship, registered partnership firm (including LLP), public limited company or private limited company can submit the Bid. The firms and the companies should be registered in India. **Joint Ventures or Consortiums are not allowed to participate in the tender.**
- b. The overall performance of the tenderer shall be examined for all the ongoing **maintenance of CMV/Tower wagon/UTV/CTMC** awarded by NMRC/ any Central / State government department / public sector undertaking / other government entity or local body or any private limited company of value more than 40% of NIT cost of work and also for all the completed works regarding **maintenance of CMV/Tower wagon/UTV/CTMC** awarded by NMRC/ any Central / State government department / public sector undertaking / other government entity or local body within last one year (from the last day of the previous month of tender submission), of value more than 40% of cost of work, executed either individually. The tenderer shall provide list of all such works in the prescribed Performa given in Form 18 of the Form of Tender. The tenderer may either submit satisfactory performance Certificate issued by the Client/ Employer for the works or give an undertaking regarding satisfactory performance of the work with respect to completion of work/execution of work (for ongoing works) falling which their tender submission shall not be evaluated and the tenderer shall be considered non-responsive and non-compliant to the tender conditions. In case of non-submission of either satisfactory performance Certificate from Client /Employer or undertaking of satisfactory performance of any of the above work, the performance of such work shall be treated as unsatisfactory while evaluating the overall performance of tenderer in terms of Note (b) of Form 18. In case of performance certificate issued by the client, same should not be older than three month (from the last day of the previous month of tender submission) for on-going works. In case the tenderer does not have any work falling in above criteria, his performance will not be judged unsatisfactory.
- c. The Bidder should have a minimum experience of having satisfactorily/successfully completed similar works during last 7 (seven) years period ending last day of month previous to the one in any Central Govt./state Govt./PSU"s/NMRC/Metro or any private Limited company, which the bids are invited should be either of the following:
 - i. One similar completed work costing not less than the amount equal to **Rs. 38.56 Lakh** (Rupees Thirty Eight Lakhs Fifty Six Thousand only) or
 - ii. Two similar completed works each costing not less than the amount equal to **Rs. 24.10 Lakh** (Rupees Twenty Four Lakhs Ten Thousand only) or
 - iii. Three similar completed works each costing not less than the amount equal to **Rs. 19.28 Lakh** (Rupees Nineteen Lakhs Twenty Eight Thousand only)

"Similar work" for this contract shall be supply/maintenance of CMV/Tower wagon/UTV/CTMC in Indian Railways/Central Govt./State Govt./PSU"s/NMRC/Metro or any Private Limited Company.
- d. The Bidder should have minimum **average annual turnover** of **Rs. 48.19 Lakh** (Rupees Forty Eight Lakhs Nineteen Thousand only) in the last 3 (three) audited Financial Years (**2021-22, 2022-2023, 2023-24**) ending on 31st March 2024.
- e. **T1 – Liquidity:**

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Not applicable.

f. T2 – Profitability:

Profit before Tax (PBT) during any of the financial year should be positive during immediately preceding 03 audited financial years ending on 31st March 2024.

g. T3 – Net Worth:

Not applicable.

Notes:

1. **Financial data for latest last three audited financial years has to be submitted by the tenderer in Form-5 along with audited balance sheets. The financial data in the prescribed format shall be certified by Chartered Accountant with his stamp and signature and UDIN number in original with membership number and firm registration number. In case the audited balance sheet of the last financial year is not made available by the bidder, he has to submit an affidavit certifying that ‘the annual accounts for the FY 2023-24 has not been audited so far’ and we are submitting the CA certified provisional accounts for FY 2023-24 which shall be substantiated with the audited accounts when prepared. In such a case the financial data of previous Two (2) audited financial years will be taken into consideration for evaluation along with provisional accounts submitted with affidavit and will be substantiated with audited accounts when prepared. If the audited balance sheet of any year other than the last year is not submitted, the tender may be considered as non-responsive.**
2. Where a work is undertaken by a group, only that portion of the contract which is undertaken by the concerned applicant/member should be indicated and the remaining done by the other members of the group be excluded. This is to be substantiated with documentary evidence.
3. The Bidder should not have been blacklisted/ banned/ declared ineligible for corrupt and fraudulent practices by the Government of India/ any State Government/ Government Agency and Supreme court and contracts have been terminated/ foreclosed by any company / department due to non- fulfillment of Contractual obligation **in last 5 (five) financial years.**

The Bidder shall also furnish the following documentary proof (as per eligibility criteria):

- a. For above criteria 4.1a
 - i. Statutory proof of existence as the legal entity (RC,COI,Deed,Sole Prop. Affidavit)
 - ii. PAN certificate as per legal entity
 - iii. GST certificate
- b. For above criteria 4.1c
 - i. Work Experience with documentary evidence as mentioned in the Form 4.
- c. For above criteria 4.1d
 - i. Form 5: Financial Capability Details.
 - ii. A copy of the Audited balance sheets and positive Profit and Loss Statements for the last 3 (three) audited financial years ending on 31st March 2024.
 - iii. Self-attested copy of the last 3 (three) audited financial years ITR.

Notes:

- a) **The tenderer shall submit details of works executed by them in the Performa of Form-4 for the works to be considered for qualification of work experience criteria.** Documentary proof of completion certificates from client **clearly indicating the nature/scope of work, actual completion cost and actual date of completion for such work** should be submitted. The

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offers submitted without this documentary proof shall not be evaluated. In case the work is **executed for private client**, copy of work order, bill of quantities, bill wise details of payment received certified by C.A., T.D.S certificates for all payments received and copy of final/last bill paid by client shall also be submitted.

- b) Value of successfully completed portion of any ongoing work up to last day of the month previous to the month of tender submission will also be considered for qualification of work experience criteria.
- c) For completed works, value of work done shall be updated to last day of the month previous to the month of tender submission price level assuming **5% inflation for Indian Rupees every year and 2% for foreign currency portions per year**. The exchange rate of foreign currency shall be applicable 28 days before the submission date of tender.
- d) If the above work(s) (i.e. "Similar work" comprise other works, then client's certificate clearly indicating the amount of work done in respect of the "similar work" shall be furnished by the tenderer in support of work experience along-with their tender submissions.

4.2. Bid Capacity Criteria:

Bid Capacity: The tenderers will be qualified only if their available bid capacity is more than the approximate cost of work as per NIT. Available bid capacity will be calculated based on the following formula:

Bid capacity will be calculated based on the following formula:

$$\text{Available Bid Capacity} = 2 \cdot A \cdot N - B$$

Where,

A = Maximum of the value of work executed in any one year during the last three audited financial years (updated to the last day of the previous month of tender submission price level assuming 5% inflation for Indian Rupees every year and 2% for foreign currency portions per year).

N = No. of years prescribed for completion of the work

B = Value of existing commitments (as on the last day of the previous month of tender submission) for on-going works during period of **24** months w.e.f. from the first day of the month of tender submission.

Notes:

- **Financial data for latest last three audited financial years has to be submitted by the tenderer in Form-5 of FOT along with audited financial statements.** The financial data in the prescribed format shall be certified by the Chartered Accountant with his stamp and signature in original with membership number and firm registration number with UDIN number.
- Value of existing commitments for on-going construction works during period of 24 months w.e.f from the first day of the month of tender submission has to be submitted by the tenderer in Form-9. These data shall be certified by the Chartered Accountant with his stamp and signature in original with membership number & UDIN number and firm registration number.
- The tender submission of tenderers, who do not qualify the minimum eligibility criteria & bid capacity criteria stipulated in the clauses 4.1 to 4.2 above, shall not be considered for further evaluation and therefore rejected. The mere fact that the tenderer is qualified as mentioned in sub clause clauses 4.1 to 4.2 above shall not imply that his bid shall automatically be accepted.

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4.3. Qualification of Service Engineer

The Service engineer deployed by the contractor should be minimum diploma holder in Engineering with minimum 05 years of hands on experience & should be well versed with the functioning & fault finding of these CMV so that there will be minimum downtime of CMV after arriving of contractor's service engineer. The prolonging of time period in detecting the fault and subsequent rectification on part of inept Service Engineer will not be tolerated & a penalty deemed suitable by NMRC (See SCC) will be levied on the firm for the unnecessary working days loss of that particular CMV.

UNDERTAKING:

1. We confirm to deploy competent service engineer.
2. The repair / breakdown work will be attended in consonant with OEM's design, circuit and specification. There will be no alteration in basic design of any assembly/machine or any original circuit such as Pneumatic, Hydraulic and Electric systems etc. of CMV.

4.4. Deputation of Service Engineer :

For ensuring maximum availability of CMV, contractor shall be required to depute his service engineer on such day as informed by DGM/Electrical or his representative in advance. The payment for these visits of service engineer shall also be payable at accepted rates as mentioned in schedule of rates and quantities of the contract. The service charges of service engineer shall include lodging/ boarding and any other incidental charges.

4.5. Compliance with Technical Specifications :

The Bidders must comply with the stipulated technical specifications as mentioned in the tender documents

4.6. Information of the Technical and Financial Proposal :

- a. The Bidder satisfying technical and financial eligibility criteria under Clause 4.1 & 4.2 shall be considered as technically and financially qualified.
- b. The financial proposal of only technically qualified Bidders shall be opened for evaluation.
- c. The Bidder with the lowest quoted price for the RFP for two year annual Maintenance of Catenary Maintenance Vehicle in the financial quote (**L1 bidder**) shall be selected for the award of contract.

4.7. Selection of Bidder :

After the above evaluation process, the Technically Qualified Bidder, who is declared as L1 (lowest quoted price) may be declared as the selected Bidder ("Selected Bidder") for the Project.

In case, two or more technically qualified bidders quote the same rate in the Commercial Bid, and become Lowest (i.e. L-1), then the tender would be awarded to the bidder who has the highest / higher Average Annual Turnover (as per Minimum Eligibility Criteria defined in Section 4) during the last 3 audited financial years ending on 31st March 2024.

- a. the last day of the month preceding the month in which the tender has been floated. Experience certificate / work completion certificate on client's letter head is mandatory to ascertain the nature, period and value of work which shall be required to be uploaded by the bidder by the last date of tender submission.

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- b. Prior to the expiry of the period of bid validity, NMRC will notify the successful bidder in writing, either through Notice of Award (NOA), that his bid has been accepted.
- c. The NOA/LOA would be sent in duplicate to the successful bidder, who will return one copy to NMRC duly acknowledged, signed and stamped by the authorized signatory of the bidder, as an unconditional acceptance of the NOA, within 10 (ten) days from the date of issue of NOA.
- d. No correspondence will be entertained by NMRC from the unsuccessful bidders.

4.8. Notice of Award and Execution of Contract Agreement :

- a. NMRC will notify the Successful Bidder by a NOA that its bid has been accepted.
- b. **The Selected Bidder shall, within 10 (ten) days of the receipt of the NOA, sign and return the duplicate copy of the NOA in acknowledgement** thereof along with letter of acceptance of NOA. In the event, the duplicate copy of the NOA duly signed by the Selected Bidder and letter of acceptance of NOA is not received by the stipulated date, NMRC may, unless it consents to extension of time for submission thereof, appropriate the Bid Security of such Bidder as mutually agreed genuine pre-estimated loss and damage suffered by NMRC on account of failure of the Selected Bidder to acknowledge the NOA.
- c. **The Successful Bidder shall execute the Contract Agreement within 30 (thirty) days of the letter of acceptance of NOA or such extended period as may be decided by the Corporation.**
- d. Failure of the Successful Bidder to comply with the requirement of acknowledgement of NOA shall constitute sufficient grounds for the annulment of the NOA, and forfeiture of the bid security.
- e. **The Purchaser reserves the right to increase or decrease the quantity up to 25% of the quantity offered by the successful tenderer. The bidder is bound to accept the increase or decrease in the tendered quantity up to 25% under this clause without any change in unit price.**

4.9 Performance Bank Guarantee / Security Deposit :

- a. To fulfill the requirement of performance bank guarantee during the implementation period, the Successful Bidder (herein referred to as the "Contractor") shall deposit **10% of the Contract Price in form of FDR/ DD or unconditional and irrevocable Bank Guarantee bond issued by a scheduled bank in favor of Noida Metro Rail Corporation Ltd.** which may be reduced for balance years on completion of each year, **within 30 days from Notice of Award. EMD amount of successful bidder shall be adjusted in the performance bank guarantee.** if applicable. For unsuccessful bidder, EMD shall be refunded without any interest. **The Performance Guarantee should be valid for a period of 06 (six) months beyond the awarded contract period.**
- b. **It is to note that if contract value increases by more than 25% of the original contract value, the performance bank guarantee shall be increased accordingly.**
- c. A Contract agreement will have to be signed by the Contractor at his cost on proper stamp paper. Without performance guarantee by Contractor, Contract agreement shall not be signed.
- d. NMRC reserves the right for deduction of NMRC dues from Contractor's Performance Bank Guarantee/ Security Deposit (interest free) for –
 - i. Any penalty imposed by NMRC for violation of any terms and conditions of agreement committed by the Contractor.
 - ii. Any amount which NMRC becomes liable to the Government/Third party due to any default of the Contractor or any of his director/ employees/ representatives/ servant/ agent, etc.

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- iii. Any payment/ fine made under the order/judgment of any court/consumer forum or law enforcing Contractor or any person duly empowered in his behalf.
- iv. Any outstanding payment/ claims of NMRC remained due after completion of relevant actions as per agreement.
- e. Once the amount under above Clause is debited, the Contractor shall replenish the Security Deposit/ Performance Bank Guarantee to the extent the amount is debited within 15 days period, failing which, it shall be treated as Contractor Event of Default and will entitle NMRC to deal with the matter as per the provisions of RFP and Contract Agreement.

4.10 Contact during Proposal Evaluation

- a. Proposals shall be deemed to be under consideration immediately after they are opened and until such time NMRC makes official intimation of award/ rejection to the Bidders. While the Proposals are under consideration, Bidders and/ or their representatives or other interested parties are advised to refrain from contacting by any means, NMRC and/ or their employees/ representatives on matters related to the Proposals under consideration till the time Contract is awarded.
- b. Any effort by a Bidder to influence NMRC in its decisions on Bid evaluation, Bid comparison or contract award may result in rejection of the Bidder's Bid.
- c. In the event of any information furnished by the Contractor is found false or fabricated the minimum punishment shall be debarred/ blacklisting and the legal proceeding may also be initiated.
- d. If the Bidder wishes to bring additional information to the notice of NMRC, he/she can do so in writing. All correspondence/ enquiry should be submitted to the following in writing by fax/ post/courier:
AGM (Electrical)
Noida Metro Rail Corporation (NMRC) Limited
Block-III, 3rd Floor, Ganga Shopping Complex, Sector-29,
Noida -201301
District Gautam Budh Nagar, Uttar Pradesh
Email: nmrcjgmelectrical@gmail.com
- e. No interpretation, revision, or other communication from NMRC regarding this solicitation is valid unless in writing and signed by the competent authority from NMRC.

4.11 Other Instruction

- a. Canvassing in connection with the tenders is strictly prohibited and the tenders, submitted by Bidder, who resort to canvassing, are liable to be rejected. EMD will be forfeited of those tenders who will be found non-serious and if it is felt by the tender committee that the Bidders submitted their tender only to influence the tendering process.
- b. On acceptance of the tender, the name of the accredited representative of the Contractor, who would be responsible for taking instructions from the NMRC or the official deputed by NMRC, shall be communicated to the NMRC or the official deputed by NMRC in writing.

4.12 Project Financial Terms

4.12.1 Payment Terms

- a. The payment for items given in Bill of Quantity/Pricing Document shall be made on the basis of actually executed quantities after the verification of concerned NMRC representative.
- b. The work executed against the BOQ items in would be paid on measurement basis.
- c. The Contractor may raise their 'On Account' payments generally on quarterly basis as per the status of work on the last day of the respective month.
- d. Payment will be done after fulfillment of statutory liability and verification by NMRC representative.

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- e. The payment will be made on Quarterly basis as per the accepted rates based on the actual work carried out as per the Schedule of work (Bill of Quantity) after satisfactory verification by the users from NMRC.
- f. The payment will be made only for the work actually carried out as per the schedule of work (Bill of Quantity) completed & handed over to the user.
- g. Income Tax is deductible at source while effecting payment of bills at the prescribed percentage as per the orders of the government.
- h. GST, if claimed, will be reimbursed only if the GST registration number is mentioned in the invoice. In the absence of GST registration number, GST will not be reimbursed.
- i. Quote PAN and GST on all correspondence, Bills, Vouchers and other documents otherwise TDS at higher of the prescribed rate will be deducted.
- j. All payments to the contractors will be made by e-Payment /Account Payee Cheques. Quarterly payment shall be made on receipt of the bill complete & correct in all respect along with the supporting documents subject to deduction of statutory charges/taxes/duties/levies etc.
- k. Bills, correct in all respect, shall be submitted to Engineer-In-Charge, in duplicate along with supporting documents, who will arrange payment through Departments, NMRC
- l. No advance of any type shall be paid.
- m. TDS on quarterly invoice of tenderer is deducted while processing quarterly bills as per Govt. Guidelines.
- n. Supporting documents to be submitted by contractor along with quarterly bill as detail given in SCC.
- o. No overtime is considered to achieve higher level of safety standards. The tenderer should consider execution of work in shifts as specified in the tender or desired by engineer in charge. The agency must ensure timely payment of salary, PF, ESI, etc. and prompt medical facility to sick/injured and to all staff.

4.13 Public Procurement (Preference to Make in India) to provide for Purchase Preference (linked with local content) in respect of procurement in NMRC

a) Definitions:

- I. Local content' means the amount of value added in India which shall be the total value of the item procured (excluding net domestic indirect taxes) minus the value of imported content in the item (including all custom duties) as a proportion of the total value, in percent. Minimum local content shall be 90%(As per prevailing MoHUA guidelines) for the subject tender.
- II. Local Supplier means a supplier or service provider whose product or service offered for Procurement meets the minimum local content as prescribed at sr. no. (I) above.
- III. L-1 means the lowest tender or lowest bid received in a tender, bidding process or other. Procurement solicitation as adjudged in the evaluation process as per the tender or other procurement solicitation.
- IV. Margin of purchase preference' means the maximum extent to which the price quoted by a local supplier may be above the L1 for the purpose of purchase preference. Margin of purchase preference shall be 10% for the subject tender.

b) Procedure for Purchase Preference in procurement of goods or works which are Divisible in nature: NOT APPLICABLE FOR THE SUBJECT TENDER

- I. Among all qualified bids, the lowest bid will be termed as L1. If L1 is from a local supplier, the contract for full quantity will be awarded to L1.
- II. If L1 bid is not from a local supplier, 50% of the order quantity shall be awarded to L1. Thereafter, the lowest bidder among the local suppliers, will be invited to match the L1 price for the remaining 50% quantity subject to the local supplier's quoted price falling within the margin of purchase preference, and contract for that quantity shall be awarded to such local supplier subject to matching the L1 price.

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- III. In case such lowest eligible local supplier fails to match the L1 price or accepts less than the offered quantity, the next higher local supplier within the margin of purchase preference shall be invited to match the L1 price for remaining quantity and so on, and contract shall be awarded accordingly.
 - IV. In case some quantity is still left uncovered on local suppliers, then such balance quantity may also be ordered on the L1 bidder.
- c) Procedure for Purchase Preference in procurement of goods or works which are not divisible in nature and in procurement of services where the bid is evaluated on price alone: APPLICABLE FOR THE SUBJECT TENDER**
- I. Among all qualified bids, the lowest bid will be termed as L1. If L1 is from a local supplier, the contract will be awarded to L1.
 - II. If L1 is not from a local supplier, the lowest bidder among the qualified bidder will be invited to match the L1 price subject to local supplier's quoted price falling within the margin of purchase preference, and the contract shall be awarded to such local supplier subject to matching the L1 price.
 - III. In case such lowest eligible local supplier fails to match the L1 price, the local supplier with the next higher bid within the margin of purchase preference shall be invited to match the L1 price and so on and contract shall be awarded accordingly.
 - IV. In case none of the local suppliers within the margin of purchase preference matches the L1 price, then the contract may be awarded to the L1 bidder.
- d) Minimum local content and verification of local content:**
- I. The local supplier at the time of tender shall be required to provide self-certification that the item offered meets the minimum local content and shall give details of the location(s) at which the local value addition is made.
- e) Complaints relating to implementation of Purchase Preference**
- I. Fees for such complaints shall be Rs. 2 Lakh or 1% of the value of the local item being procured (subject to maximum of Rs. 5 Lakh), whichever is higher. In case the complaint is found to be incorrect, the complaint fee shall be forfeited. In case, the complaint is upheld and found to be substantially correct, deposited fee of the complainant would be refunded without any interest
- 1. Form 19: Undertaking of more than 90% declaration regarding minimum local content.
 - 2. Form 20 is also introduced which pertain to Performa of list of goods, works or services tentatively proposed to be offered with local value addition.

5. Section 5: Special Conditions of Contract (SCC)

SCC Clause	Reference to GCC Sub-Clause No.	Description
1	Sub-Clause 3.2	<p>Functions of Engineer :</p> <p>In addition to the duties mentioned in Clause 3.2 of General Conditions of Contract:</p> <p>(i) Shall watch and inspect the Works, monitor and examine any material to be used and workmanship employed by the Contractor in connection with the Works;</p> <p>(ii) Shall carry out such duties and exercise such powers vested in the Engineer in accordance with the provisions of the Contract;</p> <p>(iii) Shall issue instructions which in his opinion are necessary for the execution of the Works; and</p> <p>(iv) May issue any other instruction which in his opinion is desirable in connection with the Works.</p> <p>In case The Engineer is employee of any agency hired by the Employer, the Engineer shall take the approval of the Employer for all technical and financial matters otherwise he shall be deemed to have taken the approval of the Employer.</p>
2	Sub Clause 4.2.1	<p>PERFORMANCE SECURITY</p> <p>In addition to the 4.2.1 in GCC, the amount of Performance Security for this contract will be 10% of contract value as stipulated in the GCC. If the contract value increases by more than 25% of the original contract value, the Performance Security will be increased accordingly for complete revised value on every increase.</p>
3	Sub-Clause 4.4	<p>Coordination with other Contractors</p> <p>The contractor for this package shall plan and execute work in coordination and in co-operation with other contractors working for adjacent/other packages.</p>
4	Sub-clause 4.5	<p>Sub-contractors</p> <p>The work should not be sublet without the written approval of Engineer in-charge.</p>
5	Sub-Clause 4.10	<p>Sufficiency of Tender</p> <p>The Tenderer shall be entirely responsible for sufficiency of rates quoted by him in his tender.</p> <p>The Contractor (Successful Tenderer) shall be paid for only at quoted/accepted rates for the items of works executed as per BOQ.</p>

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SCC Clause	Reference to GCC Sub-Clause No.	Description
6	Sub-Clause 4.11	<p>Access Route</p> <p>All operations for the execution of the Works shall be carried out so as not to interfere unnecessarily with the convenience of the public or the access to public or private roads or footpaths or properties owned by the Employer or by any other person.</p> <p>The Contractor shall select routes, choose and use vehicles so that movement of Contractor's Equipment, Plant and Materials from and to the Site is limited so that traffic is not delayed and damage to highways and bridges is prevented. If there is any delay or damage or injury, the cost of rectification or reconstruction of highways or bridges shall be borne by the Contractor. The Contractor shall indemnify the Employer in respect of all claims, demands, proceedings, damages, costs, charges and expenses whatsoever arising out of or in relation to any such matters</p>
7	Sub-Clauses 5.3	<p>Manufacture, Installation and Construction Methods</p> <p>The Contractor shall submit complete documents and information pertaining to the methods of manufacture, installation and construction which the Contractor proposes to adopt or use, (and if applicable such calculations of stresses, strains and deflections and the like that will or may arise in the Works or to the other works comprising the Project or any parts thereof during installation from the use of such methods). The Engineer will then check to see whether, if such methods are adhered to, the Works can be executed in accordance with the Contract and without detriment to the Works (when completed) and to other works comprising the Project and in a manner which minimises disruption to road and pedestrian traffic.</p> <p>The Engineer shall inform the Contractor in writing within 21 days after receipt of the above information;</p> <p>(a) that the Contractor's proposed methods of manufacture, installation and construction have the consent of the Engineer; or</p> <p>(b) in what respects, in the opinion of the Engineer the Contractor's proposed methods of manufacture, installation and construction:</p> <p>(i) fail to comply with the Employer's Requirements and/or the Definitive Design and/or the Final Design;</p> <p>(ii) would be detrimental to the Works and/or to the other works comprising the Project;</p> <p>(iii) do not comply with the other requirements of the Contract;</p> <p>(c) further documents or information which are required to enable the Engineer to properly assess the proposed methods of manufacture, installation and construction.</p> <p>In the event that the Engineer does not give his consent, the Contractor shall take such steps or make such changes in the said methods or supply such further documents or information as may be necessary to meet the Engineer's requirements and to obtain his consent. The Contractor shall not change the</p>

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SCC Clause	Reference to GCC Sub-Clause No.	Description
		<p>methods of manufacture, installation and construction which have received the Engineer's consent without further review and consent in writing of the Engineer.</p> <p>Notwithstanding the foregoing provisions of this Clause, or that certain of the Contractor's proposed methods of manufacture, installation and construction may be the subject of the consent of the Engineer, the Contractor shall not be relieved of any liability or obligation under the Contract.</p>
8	<p>Sub-Clauses 4.16 and 6.7</p>	<p>Safety Precautions</p> <p>The Contractor is required to make himself aware of all the requirements of the Employer's Safety, Health and Environmental Manual in this regard and comply with them. The Site Safety Plan shall include detailed policies, procedures and regulations which, when implemented, will ensure compliance with Sub-Clauses 4.16 and 6.7 of General Conditions of Contract.</p> <p>The Contractor shall, from time to time and as necessary or required by the Engineer, produce supplements to the Site Safety Plan such that it is at all times a detailed, comprehensive and contemporaneous statement by the Contractor of his site safety and industrial health obligations, responsibilities, policies and procedures (under the laws of India) or as stated in the Contract or elsewhere relating to work on Site. If at any time the Site Safety Plan is, in the opinion of the Engineer, insufficient or requires revision or modification to ensure the security of the Works and the safety of all workmen upon, and visitors to the Site, the Engineer may instruct the Contractor to revise the Site Safety Plan. The Contractor shall, within 14 days, submit the revised plan to the Engineer for review.</p>
9	<p>Sub-Clause 4.17</p>	<p>Protection of the Environment</p> <p>The Contractor shall maintain ecological balance by preventing deforestation, water pollution and defacing of natural landscape. The Contractor shall, so conduct his cleaning operations, as to prevent any avoidable destruction, scarring or defacing of natural surroundings in the vicinity of work. In respect of ecological balance, the Contractor shall observe the following instructions</p> <p>(a) Where destruction, scarring, damage or defacing may occur as a result of operations relating to construction and maintenance activities, the same shall be repaired, replanted or otherwise corrected at Contractor's expense. All work areas shall be smoothed and graded in a manner to conform to natural appearance of the landscape as directed by the Engineer.</p> <p>(b) All trees and shrubbery, which are not specifically required to be cleared or removed for cleaning purposes, shall be preserved and shall be protected from any damage that may be caused by Contractor's cleaning operations and equipment. The removal of trees or shrubs will be permitted only after prior approval by the Engineer. Trees shall not be used for anchorage. The Contractor shall be responsible for injuries to trees and shrubs caused by his operations. The term "injury" shall include, without limitation, bruising, scarring, tearing and breaking of roots, trunks or branches. All injured trees and shrubs shall be restored as nearly as practicable, without delay, to their original condition at</p>

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SCC Clause	Reference to GCC Sub-Clause No.	Description
		<p>Contractor's expenses.</p> <p>(c) The Contractor shall provide all necessary access, assistance and facilities to enable the Engineer and the Employer to monitor and conduct tests to verify that the Site Environmental Plan is being properly and fully implemented</p>
10	Sub-Clause 4.18	<p>Electricity and Water</p> <p>Electricity and water shall be arranged by the contractor on his own and at his cost.</p> <p>If available, the Employer may provide Water supply and Electricity on chargeable basis. The contractor shall make his own arrangements to tap the Electricity from the nominated and existing sockets/ points. The contractor shall tap the Electricity as per IE Rules & IE Act (Latest) duly complying all safety precautions and under following conditions:</p> <p>(a) The contractor shall submit full scheme for the requirement of Electricity & water. If scheme mentions Electricity requirement which is beyond the capacity of the Employer, in that case the contractor shall make his own arrangements/ alternative arrangements.</p> <p>(b) The Contractor should make his own arrangements to draw the water from the available water point to the working place without affecting the premises.</p>
11	Sub-Clause 4.19	<p>Employer Supplied Machinery and Materials</p> <p>The Employer will not provide any machinery or materials under the Contract.</p>
12	Sub Clause 4.27	<p>Security of the Site</p> <p>The Contractor shall take all measures necessary to ensure such security, including exercising control over all persons and vehicles which are employed or engaged on the Site or in connection with the Works or the other works comprising the Project and with the security arrangements applicable to any other site within the Project.</p> <p>The Contractor shall arrange the issue of passes for the admission of all persons and vehicles to the Site or to any part thereof and may refuse admission to or remove from the Site any person or vehicle failing to show an appropriate pass on demand to any duly authorised person.</p> <p>If required by the Engineer, the Contractor shall submit a list identifying all persons to whom passes have been issued together with two photographs of each person and all entities to which a pass has been issued in respect of any vehicle and shall satisfy the Engineer of the bonafides of any such person or entity.</p>

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SCC Clause	Reference to GCC Sub-Clause No.	Description
		<p>The Contractor shall not, without the written permission of the Engineer or otherwise in accordance with the Contract, allow access to the Site to any person unless the presence on Site of such person is necessary in connection with the execution of the Works or with the discharge of the duties of any relevant authority.</p> <p>For the purposes of this Clause only, "Site" shall include off-Site places of manufacture or storage and the Contractor's Work Areas and shall include, areas provided to the Contractor by others.</p>
13	Sub-Clause 5.3	<p>Submission of Documents</p> <p>The Contractor shall submit drawings and documents, as required by the Contract, to the Engineer in accordance with any submittal schedule agreed with the Engineer. This submittal shall be made sufficiently before the Works are to be carried out to give the Engineer and the Employer reasonable time to examine the drawings or other documents, to prepare comments and for any changes to be accommodated by the Contractor.</p> <p>Where the consent of the Engineer is required, the Engineer shall notify the Contractor in writing of his decision either within such period as may expressly be stipulated in the Contract or otherwise within a reasonable time.</p> <p>The Operation and Maintenance Manuals and drawings submitted by the Contractor shall, if required, be updated by him during the Defects Liability Period and re-submitted for review by the Employer's Representative.</p>
14	Sub-Clause 6.0	<p>Training of Contractor's Employees / Staff / Workers</p> <p>Contractor shall provide a training / workshop on Safety, Health & Environment (SHE) to all its workers/ employees/ sub-contractors at the time of induction as per required of condition of contract on Safety, Health and Environment. Before posting any of his workers/ staff/ employees/ sub-contractors, the contractor shall give a certificate that the said person had undergone the requisite SHE training.</p>
15	Sub-Clause 6.4	<p>Labour Laws</p> <p>(a) The Contractor shall, if required by the Employer, deliver to the Engineer or to his office; a return in detail, in such form and at such intervals as the Employer may prescribe, showing the number of labour employed in different categories by the Contractor for the entire work.</p> <p>The contractor must ensure compliance of all the labour laws including obtaining labour licence and registration of workers with BOCW Board.</p> <p>(b) In case of death of staff, the agency is required to pay ₹2,00,000/- for heir apparent as immediate relief to his/her dependent. Subsequently agency should facilitate compensation on priority. Violation of these basic provisions shall attract a penalty of 5% of contract value and repeated violations shall lead to termination of contract.</p>

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SCC Clause	Reference to GCC Sub-Clause No.	Description
16	Sub-Clause 6.6	<p>Housing Facilities</p> <p>The Contractor shall have to make his own arrangements for housing facilities for his staff.</p>
17	Sub-Clause 6.7	<p>Health and Safety</p> <p>Contractors are required to have tie-up with well-equipped reputed hospitals having facilities of MRI, CT Scan, Ultrasound, Blood Bank, specialist Doctors like neurosurgeon, orthopaedic as mandatory requirement and fire station located in the neighbourhood for attending to the casualties promptly and emergency vehicle kept on standby duty during the working hours for the purpose.</p>
18	Sub Clause 7.0	<p>Quality Control</p> <p>The Contractor shall appoint a suitably qualified and experienced person, not otherwise engaged in the performance of the Contract, to act as manager of the quality assurance system and shall provide such other personnel and resources as required to ensure effective operation of the quality assurance system. The said manager shall carry out audits of the application of the quality assurance system, and ensure effective quality control and delivery of quality assurance.</p> <p>The Contractor shall provide all necessary access, assistance and facilities to enable the Engineer to carry out surveillance visits both on and off the Site to verify that the quality assurance system is being properly and fully implemented. No extra payment shall be made in this regard and the cost of the Work under this element shall be deemed to be included in the Contract Price.</p>

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SCC Clause	Reference to GCC Sub-Clause No.	Description
19	Sub Clause 10.1	<p>Maintenance:</p> <p>The Annual Maintenance Contract (AMC) shall be 24 months from the date of issue of NOA.</p> <p>Work by persons other than the Contractor.</p> <p>If by reason of any accident or failure or other event occurring to, in, or in connection with the Works any remedial or other work shall, in the opinion of the Engineer, be urgently necessary and the Contractor is unable or unwilling at once to do such remedial or other work, the Engineer may authorise to carrying out of such remedial or other work by a person other than the Contractor. If the remedial or other work so authorised by the Engineer is work, which, in the Engineer's opinion, the Contractor was liable to do under the Annual Maintenance Contract, all expenses properly incurred in carrying out the same shall be recoverable by the Employer from the Contractor, provided that the Engineer shall, as soon after the occurrence of any such emergency as may be reasonably practicable, notify the Contractor thereof in writing.</p>
20	<p>Sub-Clause 11.1.1</p> <p>Sub-Clause 11.1.4</p>	<p>Contract Price & Payment</p> <p>In respect of All Inclusive Contract</p> <p>The Contract Price, subject to any adjustment thereto in accordance with the contract conditions, shall be all inclusive (including all taxes, duties, royalties etc.)</p> <p>Change in Taxes Duty</p> <p>(a) "Change in Taxes/Duties/Levies" means the occurrence or coming into force of the following, at any time after the date of submission of tender.</p> <p>(i) Any new tax which is imposed on Composite Works Contractors applicable on Metro Project.</p> <p>(ii) Change in the rate of GST on Composite Works Contractors applicable on Metro Project as Per GST Act.</p> <p>(b) The Contract Price shall be adjusted due to any of the above two conditions. Adjustment in contract price will be applicable up to the stipulated date of completion of work including the extended period of completion where such extension has been granted under sub clause 8.4.1 of GCC or it is specifically mentioned that extension is with adjustment for changes as stated above.</p> <p>(c) If the extension of contract period is on account of contractor's fault under Sub-clause 8.4.3 of GCC, no compensation shall be made towards upward revision towards "change in Taxes/Duty (taking place during the said extended contract period)" as mentioned at Sl. No. (a) (i) & (ii) above, during the original contract period or extended contract period shall be on employer's account.</p>

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SCC Clause	Reference to GCC Sub-Clause No.	Description
		<p>(d) Any other changes (except on account of clause (a) (i) & (ii) above) in existing taxes/new taxes on supply of materials/services/works etc. will not be considered and its impact shall be considered covered in the price variation clause provided in the Contract and in Contract where Price Variation clause is not provided, the impact on any other change (except on account of clause (a) (i) & (ii) above) in existing taxes/new taxes on supply of materials/services/works etc. will be deemed to be included in the quoted contract price. In case of any conflict NMRC's decision will be final.</p> <p>(e) Also, the contract price shall not be adjusted on account of fluctuations in the rates of exchange between the foreign currencies of the contract and Indian rupees from the last date of submission of tender.</p>
21	Sub-Clause 11.2	<p>Advance</p> <p>No Advance is admissible in this contract.</p>
22	Sub-Clause 11.6	<p>Payment :</p> <p>For the purpose of On-account payment, the contractor shall submit detailed activities carried out as per BOQ recorded in Measurement sheets, Abstract sheets along with recorded bill for the item actually executed for checking and payment. Payment will be effected based on unit rates as approved in the Bill of Quantities.</p> <p>The payment shall be made generally on a quarterly basis for the activities carried out as per the work orders in that time period. At the end of the quarter, the contractor shall submit necessary documents & Bill in the standard format for payment. The payment will be done only after verification by the NMRC representative.</p>
23	Sub-Clause 15.0	<p>Insurance :</p> <p>(a) All of the contractor's employees drawing monthly wages up to ₹21,000/- or as applicable as per the enhanced limit, shall have to be covered under ESI. The Contractor shall take insurance policy as specified in the Employee's Compensation Act only for those employees who are not covered by ESI.</p> <p>(b) The contractor shall insure against liability to third parties in the joint name of the Employer and the contractor for any loss, damage, death or injury which may occur to any physical property (except things insured otherwise) or any person (except person insured by employer, staff of other contractor working in the premises, contractor's staff under sub clause above which may arise out of the performance of the contract. The insurance shall be at least for the amount of ₹7,50,000/- for each incident.</p> <p>(c) Insurance cover for Contractor's All Risk shall be full value of Contract price.</p>

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SCC Clause	Reference to GCC Sub-Clause No.	Description
24	Sub-Clause 18.1	<p>Notices and Instructions :</p> <p>The Contractor shall furnish to the Employer/Engineer the postal address of his office at Delhi NCR. Any notice or instructions to be given to the Contractor under the terms of the contract shall be deemed to have been served on him if it has been delivered to his authorized agent or representative at site or if it has been sent by registered post to the office, or to the address of the firm last furnished by the Contractor.</p> <p>The Contractor shall establish an office in the Delhi NCR in consultation with the in charge for planning, co-ordination and monitoring the progress of the Work and intimate the same in writing to in charge. In addition, the Contractor may set up field offices at convenient and approved locations for co-ordination and for monitoring the progress of fieldwork at his own cost.</p>
25	Additional	<p><u>Penalty and Recoveries :</u></p> <p>i. <u>Penalty in case of Breakdown</u></p> <p>The contractor shall depute service engineer for attending breakdown maintenance of CMV within 48 hours from information given by TPC/ASE (In charge) /ASE(Stores) to the contractor through written fax/ telex/ phone/ email and receipt of any letter. If the service engineer is not deputed by the contractor within the above stated period, deduction @25% shall be done on the daily charges per day accepted rates which shall be maximum equal to twice the service charges of one day visit.</p> <p>In the event of failure on account of bad workmanship/ non adherence to quality norms as required, a token penalty of Rs. 5000/- shall be imposed on per occasion & no payment will be made for attending the same.</p> <p>Repetition of similar type of failures on CMV will not be accepted, which depicts the ineptness of Service engineer deployed/ substandard spare part supplied by the contractor. For which a suitable penalty @ Rs.5000/- per occasion will be charged for these repeated failures & no payments will be made for attending them.</p> <p>The contractor has to submit the breakdown report duly verified by NMRC representative, containing all the information related to breakdown (cause of breakdown, corrective action taken for closure of the complaint etc.)</p> <p>ii. <u>Penalty For not performing the preventive maintenance activity:-</u></p> <p>If the contractor fails to perform preventive maintenance activity strictly as per the maintenance schedule or skip/delays any schedule activity due to shortage of man power or any other reason, then a penalty@ of Rs. 2000/- per every 24 hrs. of delay, which shall be up to maximum equal to twice the visit charges of one day per occasion will be deducted after two days of intimation by NMRC official. This penalty shall be deducted from the payment of AMC or PBG. The contractor shall therefore complete all maintenance activities as per</p>

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SCC Clause	Reference to GCC Sub-Clause No.	Description
		<p>the maintenance schedule and shall also submit the relevant service report pertaining to the preventive maintenance activity carried out during the period of contract. Preventive maintenance check sheet will be duly verified by NMRC representative.</p> <p>iii. Penalty for delayed delivery of the spares:-</p> <p>The scheduled supply of spares mentioned in the contract under <i>List of General spares (Section 3)</i> of the contract must be supplied within 04 month from the date of LOA, failing which a penalty of 5000 per month of delayed period will be deducted from the related section amount.</p>
26	Additional	<p>Warranty:</p> <p>All the spare parts, except wear and tear items and consumables items will be warranted for a period of 09 (Nine) months from the date of supply & 06 (Six) months from the date of fitment, whichever is earlier, against any manufacturing defects and poor workmanship.</p> <p>If any spare part fails during warranty period, the same has to be replaced free of cost with new one by the contractor & the replaced spare parts will also covered under residual warranty of replaced defective spare part. The replacement work has to be attended in such a manner that working of CMV is not suffered intensely. If the machine working hampered intensely, a penalty of Rs.5000/- per occasion will be imposed & necessary punitive action will be taken by NMRC against the tenderer depending upon the intensity of the loss suffered by NMRC. Further, If the progress of a CMV is suffered intensely during course of replacement or delay in attending the machine by the tenderer, the NMRC will be at freedom to get it repaired from any other source and the subsequent cost of repair will be charged from the firm.</p>
27	Additional	<p>Tools and Test Equipment :-</p> <p>The contractor shall bring all the tools and test equipment which are essential in day to day use in both preventive and breakdown maintenance.</p>
28	Additional	<p>Training to NMRC CMV staff:-</p> <p>In the AMC period the contractor will provide required training regarding all necessary checks of engine, preventive maintenance activities during scheduled maintenance covered under Section-1.</p> <p>The successful bidder will also provide separate classroom and site training for the breakdown cases, clearly elaborating the cause of breakdown, corrective action taken for the rectification of failure and any necessary precaution that should be taken to avoid such failures. The classroom training will be treated as one visit and remuneration will be adjusted from visit charges under section-1, after permission of Engineer-in-charge. The trainer in this case should have minimum 10 year of field experience and should be well versed with the drawing schemes of various systems present in the CMV.</p>

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SCC Clause	Reference to GCC Sub-Clause No.	Description
		The contractor shall submit the training module well in advance.
29	Additional	<p>Inspection/Testing:- The employer reserves the right to inspect the material prior to delivery at site inside the factory premises. The contractor shall submit the GTP & Factory Acceptance Test (FAT) plan of materials mentioned under BOQ. The contractor shall seek GTP & FAT plan approval from Engineer- in charge prior to delivery at site.</p>

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6. Section 6: Basic Information & Technical Specifications

6.1 Basic Information

1.	Length (over body)	-	8540 mm
2.	Pantograph height under loaded down condition	-	4048 mm
3.	Max. width	-	2900 mm
4.	Overall height (swiveling platform closed)	-	4048 mm.
5.	Overall height (over body shell)	-	3630 mm
6.	Wheel Base	-	6100 mm
7.	Floor height above rail	-	1305 mm
8.	Tare weight	-	24 T (approx)
9.	Gross weight	-	32 T (approx)
10.	Track gauge	-	1435 mm (SG)
11.	No. of axles	-	2 (one powered, one non-powered)
12.	Wheel diameter	-	860 mm. (new) 780 mm (worn out)
13.	Max. vehicle speed	-	60 kmph (operating)
14.	Engine make and model	-	NTA 855 R of Cummins, 240 bhp. at 2100 rpm.
15.	Transmission	-	CRT 5633 of Hindustan Motors.
16.	Axle drive gear box (ADGB)	-	Phooltas.
17.	Swiveling platform	-	Fixed on floor between engine and powered axle. L x W : 4000 mm x 1450 mm Payload : 500 kg.(max). : 3000 mm from track Reach center, 6150±10 mm from rail level. Rotation : ±90°
18.	Pantograph	-	Standard
19.	Genset (Portable)	-	7.5 KVA for swiveling platform
20.	Fuel tank capacity (vehicle)	-	300 Ltr.

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GENERAL TECHNICAL SPECIFICATIONS

6.2 Materials required for checks of CMV

S. NO	ITEMS	GRADE	PART No.	Required For 'B' check	Required For 'C' check	Required For 'D' check	1500 Hrs.	For use in Daily/Weekly inspection	Total Required Qty.
1	Transmission Filter	-	CRT 5633	1 PC	1 PC	1 PC	1 PC	-	4 PCs
2	ADGB Oil (Marine Gear oil)	EP90	OHE4S-13 STD/03	45 LTRS	45 LTRS	45 LTRS	45 LTRS	10 LTR	190 LTRS
3	Transmission Oil	SAE 30	OHE4SI-13-18/00	-	80 LTRS	80 LTRS	80 LTRS	10 LTR	250 LTRS
4	Grease	AP3/MP3 NLGI	3417720	05 kg	05 kg	05 kg	05 kg	1 kg	21 kg
5	Engine Oil	SAE 15W 40	OHE4S-13 STD/04	45 LTRS	45 LTRS	45 LTRS	45 LTRS	10 LTR	190 LTRS
6	Coolant	CC2652	3167221	80 LTRS	80 LTRS	80 LTRS	80 LTRS	20 LTR	340 LTRS
7	Fuel Filter	-	4084703	1 PC	1 PC	1 PC	-	-	3 PCs
8	Lube Oil Filter	-	3873573	1 PC	1 PC	1 PC	1 PC	-	4 PCs
9	Hydraulic Oil Filter	-	3876071	1 PC	1 PC	1 PC	1 PC	-	3 PCs
10	Coolant test strip	-	-	-	1 PC	1 PC	1 PC	-	3 PCs
11	Rocker cover gasket	-	-	-	-	3 PC	3 PC	-	6 PCs
12	Transmission oil filter	-	-	01	01	01	-	-	03
13	By pass filter	-	-	01	01	01	01	-	04
14	Air Filter Element	-	-	-	02	02	02	-	06
15	Aneroid Breather	-	-	-	01	01	01	-	03
16	Vacuum indicator	-	-	-	01	01	01	-	03

Note: This list is not exhaustive & the agency may also need to deploy other equipment as per site requirement & direction of engineer in charge.

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6.3 Check sheets of CMV (Monthly, Quarterly, Half Yearly)

MONTHLY CHECK SHEET OF 4 WHEELER CMV PHOOLTAS MAKE

List of Monthly Checks to be carried out on CMV						
Sl. No.	Equipment	Condition Check	Remark			
1	ENGINE	Ensure cleanliness				
		Check Lube oil Level in engine sump. If found low, Top up to its correct level.				
		Check coolant level or water level in radiator, If found low, top up to its correct level.				
		Change engine oil & lub oil after first 500km run & there after at every 4000km run.				
		Check fuel level in fuel tank. If found low, top up its covered level.				
		Change fuel filter element after every 8000km run.				
		Check belt adjustment				
		Check joints for oil, fuel, water & air etc.				
		Proper working of all control panel components.				
2	AIR BRAKE SYSTEM	Drain condensate from CDC valve & MR tank.				
		Check the operation of brake cylinder for brake application and release				
		Inspect MR pressure by gauge in cabin				
		Check for air leakage if any by moving around the CMV				
		Check the application and release of service brake				
		Check the application and release of parking brake				
		Check the application and release of emergency brake				
		Check the proper function of the unloader valve, check valve etc.				
		Working of SA-9 Valve				
		Working of transmission change over cylinder				
		Visually check the mounting bolts of all valves for tightness				
		Check the proper function of Auto drain valve				
		Check pressure setting, reset it necessary				
3	BATTERY	Electrolyte level, top up if required				
		Check the specific gravity	Cell Voltage		Specific Gravity	
			C1		C1	
			C2		C2	
			C3		C3	
			C4		C4	
			C5		C5	
C6		C6				

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		Keep the terminal clamp clean					
		Check the tightness of the top vent plug					
		Check for tightness of cable, apply Vaseline if, required					
4	Lifting and Swiveling Platform /HYDRAULIC System	Foundation bolts of lifting and swiveling platform.					
		Emergency hydraulic operation					
		Check for any leakage in hydraulic line. if found leakage, rectified					
		Check the hydraulic oil level in tank. Top up if found insufficient.					
		Check working of lifting and swiveling platform					
		Hydraulic oil temp. should be in between 40-60°C					
		Tighten the Hose pipe & conductors					
		Change the oil filter element.					
5	Transmission system	Check for oil level in trans system by dip stick. top up if required .					
		Visually check for any heating sign.					
		Check the max. temp. of the bearings with infrared thermometer within 15 minutes after arrival of the CMV in the shed. For efficient performance the oil temp. should be b/w 80-135°C . (Refer para 2, page 37 of CMV manual)	Shaft Output (°C)		Helical Pinion (°C)		
			FRONT END	REAR END			
6	ADGB	Check for oily dust on gear box surface. Clean if, required.					
		Check for oil level in ADGB by dip stick. top up if required.					
		Check for any oil leakage					
		Visually check for any abnormal(20 degree above ambient) heating sign.					
		Check the max. temp. of the bearings with infrared thermometer within 15 minutes after arrival of the CMV in the shed.	Shaft Output (°C)		Shaft Intermediate (°C)		Helical Pinion (°C)
			A	B	A	B	
7	EQUIPMENTS	Check working of all lights, fans, wipers.					
		Check working of Pantographs.					
		Check working of Dead Man Safety					
		Check working of control Panels Indicators/Gauges					
		Check working of emergency motor					
		Check working of Horns etc.					
		Check the wires for proper routing. Doesn't rubbing with any metal and moving parts					
		Lubricate the cardan shaft with grease monthly					
		Check & tighten the flange bolts of cardon shafts monthly					
		Visually check for any loose or hanging component in under frame.					
		Change the grease of axle box assembly.					

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8	UNDER FRAME	Check that all cocks are in their normal position					
		Visually check the physical condition of wheel for any abnormality					
		Visually check the physical condition of the suspension.					
		Visual check the damper of any leakage and damage					
		Tightend the end covers of axle box					
		Visual inspection for any oil leakage/Grease leakage					
		Check the max. temp. of the bearings with infrared thermometer within 15 minutes after arrival of the CMV in the shed.	First Axle(°C)		Second Axle(°C)		Ambient Temp. (°C)
	1A	1B	2A	2B			
9	BRAKE BLOCK	Check brake condition for wear & damage. If brake block thickness is less than 16mm then replace the same. Note: 1. Measurements taken with metal plate. 2. Measurement should be taken at centre point of brake block. 3. Condemning limit of brake block 15mm.	Position				Remarks
			1A	1B	2A	2B	
		Check gap between brake block and wheel in released condition(should be more than 6mm)					
10	COUPLER	1. Cleaning of coupler. 2. Visual inspection of coupler	Front End				
		1. Cleaning of coupler. 2. Visual inspection of coupler	Rear End				
11	7.5 KV DG Set	Check the engine oil level					
		Check the fuel level					
		Check the working of DG set					
12	Communication	Check the proper working of communication system					

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QUARTERLY CHECK SHEET OF 4 WHEELER CMV PHOOLTAS MAKE

List of Quarterly Checks to be carried out on CMV						
Sl. No.	Equipment	Condition Check	Remark			
1	ENGINE	Ensure cleanliness				
		Check Lube oil Level in engine sump. If found low, Top up to its correct level.				
		Check fuel level in fuel tank. If found low, top up its covered level.				
		Check coolant level or water level in radiator, If found low, top up to its correct level.				
		Change the engine oil and oil filter element. Note: Change engine oil & lub oil after first 500km run & there after at every 4000km run.				
		Check belt adjustment				
		Change fuel filter element after every 8000km run.				
		Proper working of all control panel components.				
2	AIR BRAKE SYSTEM	Drain condensate from CDC valve & MR tank				
		Check the operation of brake cylinder for brake application and release				
		Inspect MR pressure by gauge in cabin				
		Check for air leakage if any by moving around the CMV				
		Check the application and release of service brake				
		Check the application and release of parking brake				
		Check the application and release of emergency brake				
		Check the proper function of the unloader valve, check valve etc.				
		Working of SA-9 Valve				
		Working of transmission change over cylinder				
		Visually check the mounting bolts of all valves for tightness				
		Check the proper function of Auto drain valve				
		Check pressure setting, reset it necessary				
		Electrolyte level, top up if required				
3	BATTERY	Check the specific gravity	Cell Voltage		Specific Gravity	
			C1		C1	
			C2		C2	
			C3		C3	
			C4		C4	
			C5		C5	
			C6		C6	

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		Keep the terminal clamp clean					
		Check the tightness of the top vent plug					
		Check for tightness of cable, apply Vaseline if, required					
4	Lifting and Swiveling Platform /HYDRAULIC System	Foundation bolts of lifting and swiveling platform					
		Emergency hydraulic operation					
		Check for any leakage in hydraulic line. if found leakage, rectify.					
		Check the hydraulic oil level in tank. Top up if found insufficient.					
		Check working of lifting and swiveling platform					
		Hydraulic oil temp. should be in between 40-60°C					
		Tighten the Hose pipe & conductors					
		Change the oil filter element.					
5	Transmission system	Check for oil level in trans. System by dip stick. top up if required .					
		Visually check for any heating sign.					
		Check the max. temp. of the bearings with infrared thermometer within 15 minutes after arrival of the CMV in the shed. For efficient performance the oil temp. should be b/w 80-135°C . (Refer para 2, page 37 of CMV manual)	Shaft Output (°C)		Helical Pinion (°C)		
			FRONT END	REAR END			
6	ADGB	Check for oily dust on gear box surface. Clean if, required.					
		Check for oil level in ADGB by dip stick. top up if required.					
		Check for any oil leakage					
		Visually check for any abnormal(20 degree above ambient) heating sign.					
		Check the max. temp. of the bearings with infrared thermometer within 15 minutes after arrival of the CMV in the shed.	Shaft Output (°C)		Shaft Intermediate (°C)		Helical Pinion (°C)
			A	B	A	B	
		NA	NA				
7	EQUIPMENTS	Check working of all lights, fans, wipers.					
		Check working of Pantographs.					
		Check working of Dead Man Safety					
		Check working of control Panels Indicators/Gauges					
		Check working of Emergency Motor					
		Check working of Horns etc.					
8	UNDER FRAME	Check the wires for proper routing. Doesn't rubbing with any metal and moving parts					
		Visually check for any loose or hanging component in under frame.					
		Lubricate the cardan shaft with grease.					
		Check & tighten the flange bolts of cardon shafts.					
		Visually check the physical condition of the suspension.					

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		Visual check the damper of any leakage and damage					
		Check the end cover tightness					
		Change the sump oil (Gear box) after first 10,000km run or six month whichever is earlier.					
		Change the grease in axle box					
		Visual inspection for any oil leakage/Grease leakage					
		Check the max. temp. of the bearings with infrared thermometer within 15 minutes after arrival of the CMV in the shed.	First Axle(°C)		Second Axle(°C)		Ambient Temp. (°C)
			(A)	(B)	(A)	(B)	
9	BRAKE BLOCK	Check brake condition for wear & damage. If brake block thickness is less than 16mm then replace the same. Note: 1. Measurements taken with metal plate. 2. Measurement should be taken at centre point of brake block. 3. Condemning limit of brake block 15mm.	Position				Remarks
			1A	1B	2A	2B	
		Check gap between brake block and wheel in released condition(should be more than 6mm)					
10	COUPLER	1. Cleaning of coupler. 2. Visual inspection of coupler	Front End				
		1. Cleaning of coupler. 2. Visual inspection of coupler	Rear End				
11	7.5 KV DG Set	Check the engine oil level					
		Check the fuel level					
		Check the working of DG set					
12	Communication	Check the proper working of communication system					
13	FITNESS	As per fitness checksheet placed at Annexure - "A" for undergear for movement in Depot and Mainline	To be done and filled by RS personnel				

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HALF YEARLY CHECK SHEET OF 4 WHEELER CMV PHOOLTAS MAKE

List of Quarterly Checks to be carried out on CMV				
Sl. No.	Equipment	Condition Check	Remark	
1	ENGINE	Clean the body externally		
		Clean engine sump and oil sump strainer		
		Fill lube oil level in engine sump. Top up to its correct level.		
		Clean the fuel tank		
		Fill fuel level in fuel tank. Top up its correct level.		
		Flush radiator cooling system with fresh water		
		Fill coolant level or water level in radiator, top up to its correct level.		
		Change the engine oil and oil filter element. Note: Change engine oil & lub oil after first 500km run & there after at every 4000km run.		
		Check engine valve clearance		
		Check belt adjustment		
		Change fuel filter element after every 8000km run.		
		Check water pump		
		Proper working of all control panel components.		
2	AIR BRAKE SYSTEM	Drain condensate from CDC valve & MR tank		
		Check the operation of brake cylinder for brake application and release		
		Inspect MR pressure by gauge in cabin		
		Check for air leakage if any by moving around the CMV		
		Check the application and release of service brake		
		Check the application and release of parking brake		
		Check the application and release of emergency brake		
		Overhaul unloader valve, safety valve, double check valve auto drain valve etc		
		Visually check the mounting bolts of all valves for tightness		
		Check pressure setting, reset it necessary		
		3	BATTERY	Electrolyte level, top up if required
	Cell Voltage			Specific Gravity
	C1			C1

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		Check the specific gravity	C2		C2			
			C3		C3			
			C4		C4			
			C5		C5			
			C6		C6			
			Keep the terminal clamp clean					
4	Lifting and Swiveling Platform HYDRAULIC System	Check the tightness of the top vent plug						
		Check for tightness of cable, apply Vaseline if, required						
		Foundation bolts of lifting and swiveling platform						
		Emergency hydraulic operation						
		Check for any leakage in hydraulic line. if found leakage, rectify.						
		Check the hydraulic oil level in tank. Top up if found insufficient.						
		Check working of lifting and swiveling platform						
		Replace pump drive housing oil						
		Replace oil of reel drum drive unit						
		Hydraulic oil temp. should be in between 40-60°C						
5	Transmission system	Tighten the Hose pipe & conductors						
		Change the oil filter element.						
		Check for oil level in trans. System by dip stick. top up if required .						
		Visually check for any heating sign.						
		Check the max. temp. of the bearings with infrared thermometer within 15 minutes after arrival of the CMV in the shed. For efficient performance the oil temp. should be b/w 80-135°C . (Refer para 2, page 37 of CMV manual)	Shaft Output (°C)		Helical Pinion (°C)			
	FRONT END	REAR END						
6	ADGB	Check for oily dust on gear box surface. Clean if, required.						
		Check for oil level in ADGB by dip stick. top up if required.						
		Check for any oil leakage						
		Visually check for any abnormal(20 degree above ambient) heating sign.						
		Check the max. temp. of the bearings with infrared thermometer within 15 minutes after arrival of the CMV in the shed.	Shaft Output (°C)		Shaft Intermediate (°C)		Helical Pinion (°C)	
			A	B	A	B		
			NA	NA				
7	EQUIPMENTS	Check working of all lights, fans, wipers.						
		Check working of Pantographs.						
		Check working of Dead Man Safety						
		Check working of control Panels Indicators/Gauges						
		Check working of Emergency Motor						
		Check working of Horns etc.						

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8	UNDER FRAME	Check the wires for proper routing. Doesn't rubbing with any metal and moving parts					
		Visually check for any loose or hanging component in under frame.					
		Lubricate the cardan shaft with grease.					
		Check & tighten the flange bolts of cardon shafts.					
		Check that all cocks are in their normal position					
		Visually check the physical condition of wheel for any abnormality					
		Visual check the physical condition of the suspension.					
		Visually check the damper for any leakage and damage.					
		Check the end cover tightness					
		Change the sump oil (Gear box) after first 10,000km run or six month whichever is earlier. Capacity: 45ltr/box, OIL type :EP-90					
		Change the grease in axle box					
		Visual inspection for any oil leakage/Grease leakage					
		Check the max. temp. of the bearings with infrared thermometer within 15 minutes after arrival of the CMV in the shed.	First Axle(°C)		Second Axle (°C)		Ambient Temp. (°C)
			A	B	A	B	
		Visual check helical coil for crack or any damage.					
Check oil level of gear box it must be between max and min limits marks.							
Check the bearing of Axle box, for any damage/abnormal sound.							
Visually check the physical condition of Chain for any abnormality							
9	BRAKE BLOCK	<p>Check brake condition for wear & damage. If brake block thickness is less than 16mm then replace the same.</p> <p>Note:</p> <ol style="list-style-type: none"> 1. Measurements taken with metal plate. 2. Measurement should be taken at centre point of brake block. 3. Condemning limit of brake block 15mm. 	Position				Remarks
			1A	1 B	2A	2 B	

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		Check gap between brake block and wheel in released condition(should be more than 6mm)					
10	COUPLER	1. Cleaning of coupler. 2. Visual inspection of coupler	Front End				
		1. Cleaning of coupler. 2. Visual inspection of coupler	Rear End				
11	7.5 KV DG Set	Check the engine oil level					
		Check the fuel level					
		Check the working of DG set					
12	Communication	Check the proper working of communication system					
13	FITNESS CHECK	As per fitness checksheet placed at Annexure - "A" for undergear for movement in Depot and Mainline	To be done and filled by RS personnel				

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6.4 MAINTENANCE SCHEDULE

1. Miscellaneous Schedule to be executed in CMV in 02 years

S. No.	Financial Year	Work to be executed in 02 years	Frequency of Maintenance	Remark
1.	B check of engine (With consumables)	6	In every quarter of every year except last quarter. In last quarter, of first year (from the date of LOA) C-check will be executed while in the last quarter of 2 nd year D-check will be executed.	The items covered under this check will cover maintenance activity with the man power and all required consumables mentioned under clause 6.2.
2.	C check of engine (With Consumables)	1	In last quarter of first year.	The items covered under this check will cover maintenance activity with the man power and all required consumables mentioned under clause 6.2.
3.	D2 Check of engine(including radiator, with all consumables)	1	In last quarter of second year.	The items covered under this check will cover maintenance activity with the man power and all required consumables mentioned under clause 6.2 for D check. In addition radiator cleaning and maintenance in case of any defect will also be done along with this activity.
4.	Overhauling of complete DG Set with replacement of all sensor (With all consumables)	2	Once in each year.	The activity should be performed strictly as per overhauling manual of M/s Prakash DG set inorder to keep the DG set healthy and avoid cessation condition. All the sensor must be installed as per the said manual.
5	Foot insulator replacement (1 set = 4 No. with material)	1	To be replaced as soon as possible after allotment of contract.	Foot insulator replacement along with the adjustment and installation of existing pantograph. (Procurement of new pantograph will not be covered under this section)
6	Supply and installation of Electrical wiping assembly Installation (With material)	1	To be replaced as soon as possible after allotment of contract.	The activity will include supply of all the required parts such as electrical wiping assembly, motor set and other related accessories, along with its installation for both the cab
7	Supply and installation of 25 kV Sensor (With material)	1	To be replaced as soon as possible after allotment of contract.	The activity will include supply and installation of 25 kV sensor in both cab.
8	Supply and installation of thermostat (With material)	1	To be replaced as soon as possible after allotment of contract.	The activity will cover supply and installation of thermostat as per the drawing manual.
9	Replacement of Lower Rubber Pad of suspension (1 set = 8 no. with material)	1	To be replaced as soon as possible after allotment of contract.	The activity will cover supply and replacement of lower rubber pad.

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10	Transmission system & Axle Drive Gear Box inspection (Service charge only)	1	Once in two year, preferably in first year of contract./ As per the recommendation of engineer-in-charge through any mode of communication.	Inspection will cover possibilities of any wear and tear, leakage possibility along with healthiness of lubricating oil.
11	Electrical wiring replacement as per control wiring drawing with tagging and termination at both end (with material supply and installation charge)			
11.1	1.5 sq. mm wire replacement	500M	To be replaced as soon as possible after allotment of contract.	Approximate length to be replaced with multiple lug termination at both end = 500 meter, (Single core)
11.2	2.5 sq. mm wire replacement	100M	To be replaced as soon as possible after allotment of contract.	Approximate length to be replaced with multiple lug termination at both end = 100 meter, (Single core)
11.3	10 sq. mm wire replacement	100M	To be replaced as soon as possible after allotment of contract.	Approximate length to be replaced with multiple lug termination at both end = 100 meter, (Single core)
11.4	35 sq. mm wire replacement	70M	To be replaced as soon as possible after allotment of contract.	Approximate length to be replaced with multiple lug termination at both end = 70 meter, (Single core)
11.5	70 sq. mm wire replacement	50M	To be replaced as soon as possible after allotment of contract.	Approximate length to be replaced with multiple lug termination at both end = 50 meter, (Single core)
12	Pneumatic & Hose pipe replacement (With material supply and installation charge)			
12.1	SS braided pipe replacement with all end connection.	70M	To be replaced as soon as possible after allotment of contract.	Approximate length to be replaced with all end connections = 70 meter
12.2	Rubber Hose pipe replacement with all end connection.	50M	To be replaced as soon as possible after allotment of contract.	Approximate length to be replaced with all end connections = 50 meter
12.3	6 Sq. mm PVC pipe Festo make with end connection arrangement (ferrule etc.) at both end.	70M	To be replaced as soon as possible after allotment of contract.	Approximate both side length to be replaced with all end connections = 70 meter
12.4	10 Sq. mm PVC pipe replacement, Festo make with end connection arrangement (ferrule etc.) at both side.	50M	To be replaced as soon as possible after allotment of contract.	Approximate length to be replaced with all end connections = 50 meter
12.5	14 Sq. mm PVC pipe Festo make with end connection arrangement (ferrule etc.) at both side.	40M	To be replaced as soon as possible after allotment of contract.	Approximate length to be replaced with all end connections = 40 meter
13	Hose pipe replacement with end connection arrangement for oil and coolant.	30 M	To be replaced as soon as possible after allotment of contract.	Approximate length to be replaced with multiple end connections = 30 meter
14	Various electrical assembly & mechanical assembly maintenance (With material & service/installation charge)			
14.1	Alignment of Gates with base wheel arrangement (4 cab gates, 2 lobby gates, 2 cab interchanging gate)	8	To be rectified as soon as possible after allotment of contract.	The work will cover rectification of gliding/rolling mechanism between gates and guide rail in order to ensure smooth rolling/gliding by suitable means. If any rolling mechanism is not proper the supply of that

RFP for 2 years annual maintenance of 4-wheeler catenary maintenance vehicle (Phooltas PTL 201807006) for NGN

				mechanism will also be covered in it. (Total 08 gates)
14.2	Gate locking arrangement with handle (2 lobby, 4 cab gate lock with lock & handle mechanism material) (Supply and installation)	10	Replacement of locks with the handle.	Total 6 locks with handle are present in CMV. 06 locks to be replaced as soon as possible, 04 as per necessity in remaining years of contract.
14.3	Window locking arrangement with hinges	6	To be replaced as soon as possible after allotment of contract.	All the locking hinges will be repaired by suitable means in all the 06 window.
14.4	Cab & Lobby light arrangement replacement. (Supply and installation)	10	To be replaced as soon as possible after allotment of contract.	LED light of suitable dimension for both cab and lobby, approx. 2000 lumen each, Total light to be replaced = 10
14.5	Marker/Tail light replacement (Supply and installation) (In set)	2	To be replaced as soon as possible after allotment of contract.	The activity will cover marker
14.6	Flasher light replacement (Supply and installation)	4	To be replaced as soon as possible after allotment of contract.	The activity will cover 2 No. flasher light replacement along with rectification of its base structure(metallic cover and reflecting glass) And replacement of 2 search light along with its metallic structure and search light.
14.7	Seat cover with cushion replacement (With material, 04 revolving chair, 2 fix chair)	6	To be replaced as soon as possible after allotment of contract.	Total seat = 6, The work will cover replacement of all the seat cushion with seat cover in all the 06 chair with proper welding of its base mechanism.
<p>Remarks:</p> <ul style="list-style-type: none"> • 03 'B check' followed by 01 'C check' to be performed in first financial Year. Similarly 03 B check followed by 01 D2 check to be executed in next financial year. •Activities mentioned under Section -02 will cover the man power and material charges both. 				

RFP for 2 years annual maintenance of 4-wheeler catenary maintenance vehicle (Phooltas PTL 201807006) for NGN

6.4.1. Maintenance Schedule for CUMMINS MAKE ENGINE

Sr. No.	Description	B-CHECK Every 300 hours/ 6 months (whichever is earlier)	C-CHECK Every 1500 hours/ 1 year (whichever is earlier)	D-CHECK Every 6000 hours/ 2 years (whichever is earlier)	1500 HRS.AFTER EVERY 'D' CHECK (To be done at 1500 hours after every D-check)
		Repeat "A"	Repeat "A" and "B"	Repeat "A,B and C"	All steps of C-Check and Additional steps Adjust Injectors and Valves Replace rocker cover gaskets
1	Lubrication	Change Engine Oil Change Engine Full-Flow Oil Filter Record Oil Pressure			
2	Fuel System	Check Throttle Linkage Clean Fuel Tank Breather Change Fuel Filters	Clean Fuel Tank from inside	Clean and Calibrate injectors if required	
3	Air System	Clean/Change Crankcase Breather Check Air Cleaner Restriction		Replace rocker cover gaskets Tighten Manifold Nuts or Capscrews Check Turbocharger Compressor and Turbine wheel Check Turbocharger bearing clearance	
4	Cooling System	Check coolant inhibitor. Add coolant concentrate, if required Record Water Temp. Record RPM	Check Heat Exchanger Core Clean radiator or change air cooler externally		
5	Other Maintenance		Inspect following items and replace as reqd.(Alternator/Starter, etc)	Steam Clean Engine	

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				Tighten Mounting Bolts and Nuts (As Required)
			Check air Cleaner Evacuator valve. Change if required	Check Crankshaft End Clearance
				Check Vibration Damper
				Check Safety Controls
				Change coolant Descale cooling system

6.5. STANDARDS

6.5.1 Manufacturers/ Suppliers

All materials and products shall conform to the relevant standard specification, BIS codes and other relevant codes etc. and shall be of make as approved by Engineer.

6.5.2 Quality of spare parts

The contractor shall supply authentic reliable spare parts for CMV duly warranted for a minimum time period of six months from date of fitment. Failure of any assembly of CMV due to fitment of substandard spare parts will be the responsibility of the contractor & the contractor has to pay for the loss occurred in terms of either supply of new assembly or the same should be deducted from his on-account bill or as decided by NMRC.

The spares to be supplied should confirm to OEM's specifications and for any fitment problem or technical problem, use of spares will be warranted by contractor for minimum 06 (six) months from the date of fitment of the spares against Poor/faulty workmanship and defective manufacturing of parts & 09 (Nine) months from date of supply, whichever is earlier.

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7. Section 7: Draft Contract Agreement

THIS AGREEMENT made on theday of 2025 at Noida, District Gautam Budh Nagar, Uttar Pradesh Between **Noida Metro Rail Corporation Limited** (Hereafter referred to as “NMRC”), a company incorporated under Companies Act 2013, vide corporate identification Number: U60231UP2014SGC066849 and having its registered office at **Block-III, 3rd Floor, Ganga Shopping Complex, Sector-29, Noida -201301, District Gautam Budh Nagar, Uttar Pradesh, India** represented by of the company, by virtue of his designation and authorization by **Shri Shailendra Kumar, AGM Electrical, NMRC** (hereinafter called as the “Employer”), which expression shall unless excluded by or repugnant to the context or meaning thereof be deemed to include its successors and permitted assigns) of the one part,

AND

..... having its registered office at, represented by (herein after called the “**Contractor**”, which expression shall unless excluded by or repugnant to the context or meaning thereof be deemed to include its successors and permitted assigns) of the other part. WHEREAS the Employer desires that the Works known as the “.....” should be executed by the Contractor, and has accepted a contract by the Contractor for the execution and completion of these Works.

The Employer and the Contractor agree as follows:

1. In this Agreement words and expressions shall have the same meanings as are respectively assigned to them in the Contract documents referred to.
2. The following documents shall be deemed to form and be read and construed as part of this Agreement -

Reference:

- (i) Tender No. Dated
- (ii) Bid Documents duly accepted and submitted by dated
- (iii) The Bidding Documents which include all the Sections specified below:
 - a. Section 1: General Information
 - b. Section 2: Terms of Reference
 - c. Section 3: Instructions to Bidders
 - d. Section 4: Qualification, Evaluation and Selection Process
 - e. Section 5: Special conditions of Contract
 - f. Section 6: Basic information & Technical Specifications
 - g. Section 7: Draft Contract Agreement
 - h. Section 8: Appendix and Forms
 - i. General Conditions of Contract (GCC)
 - j. Safety, Health and Environment Management (SHE)
 - k. Amendment/ Modification, if any
- (iv) Notice of Award (.....) issued by NMRC
- (v) Letter of Acceptance of NOA (.....) given by to NMRC
- (vi) Any other admitted correspondence documents between NMRC and the Bidder.

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3. Duration of Contract

The Corporation intends to appoint a Contractor to NMRC for a period of 2 (Two) years.

4. Price Schedule

NMRC shall consider the following Total Contract Price, as quoted by the Contractor as part of financial bid.

5. The courts at District Gautam Budh Nagar, Uttar Pradesh shall have the exclusive jurisdiction to try all disputes arising out of this agreement between the parties.

6. In consideration of the payments to be made by the Employer to the Contractor as specified in this Agreement, the Contractor hereby covenants with the Employer to execute the Works and to remedy defects therein in conformity in all respects with the provisions of the Contract and Notice of Award issued. "Any conditions, deviation, assumption, exclusion, suggestion of alternative clauses, request of amendments in conditions & specifications of work submitted by bidders along with his Technical Bid or Financial bid, which is different from the Tender Document, Corrigendum, Addendum uploaded by NMRC on the E-Tender Portal (<http://etender.up.nic.in>) or www.nmrcnoida.com and any other correspondence in this regard, shall not be treated as a part of the contract Agreement & shall not be binding upon NMRC in anyway whatsoever at any stage of work during execution or thereafter."

7. The Employer hereby covenants to pay the Contractor in consideration of the execution and completion of the Works, the Contract Price or such other sum as may become payable under the provisions of the Contract at the times and in the manner prescribed by the Contract and NOA.

In witness where of the parties hereto have caused this Agreement to be executed in accordance with the laws of India on the day, month and year specified above.

For and on behalf of the Contractor
Signature of the authorized official

For and on behalf of the Employer
Signature of the authorized official

Name of the official

Name of the official

Stamp/Seal of the contractor

Stamp/Seal of the Employer

In the presence of:

In the presence of:

Sign of Witness 1_____

Sign of Witness 1_____

Name_____

Name_____

Address_____

Address_____

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Sign of Witness 2_____

Sign of Witness 2_____

Name_____

Name_____

Address_____

Address_____

8. Section 8: Appendix and Forms of Tender

8.1 Appendix 1: Metro Alignment

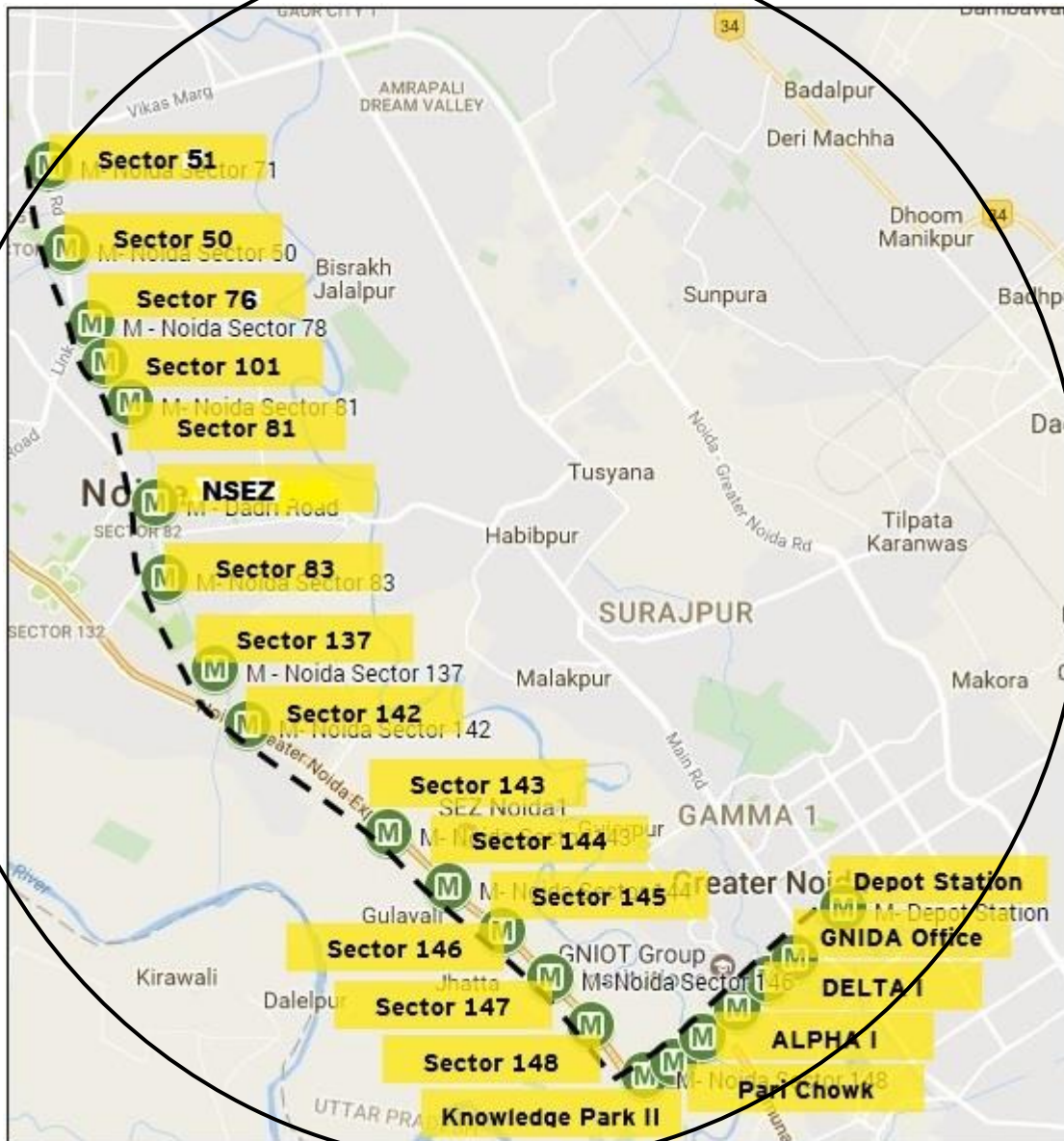


Fig: The commissioned Metro Line

Please Note: The map shown above is indicative (not to scale)

RFP for 2 years annual maintenance of 4-wheeler catenary maintenance vehicle (Phooltas PTL 201807006) for NGN

S.NO.	Name of the site
1.	Sector 51 Station
2.	Sector 50 Station
3.	Sector 76 Station
4.	Sector 101 Station
5.	Sector 81 Station
6.	NSEZ Station
7.	Sector 83 Station
8.	Sector 137 Station
9.	Sector 142 Station
10.	Sector 143 Station
11.	Sector 144 Station
12.	Sector 145 Station
13.	Sector 146 Station
14.	Sector 147 Station
15.	Sector 148 Station
16.	Knowledge Park II Station
17.	Pari Chowk Station
18.	ALPHA I Station
19.	DELTA I Station
20.	GNIDA Office Station
21.	Depot Station
22.	Depot

RFP for 2 years annual maintenance of 4-wheeler catenary maintenance vehicle (Phooltas PTL 201807006) for NGN

8.2 Forms of Tender (FOT)

8.2.1 Form 1: Letter of Proposal Submission

[Location..... , Date.....]

To,

AGM (Electrical)
Noida Metro Rail Corporation (NMRC) Limited
Block-III, 3rd Floor, Ganga Shopping Complex, Sector-29,
Noida -201301
District Gautam Budh Nagar, Uttar Pradesh, India

Subject: RFP for annual maintenance for 4 wheeler catenary maintenance vehicle (Phooltas PTL 201807006) of NGN for 2 years.

Dear Sir,

We, the undersigned, offer to provide annual maintenance for 4 wheeler catenary maintenance vehicle (Phooltas PTL 201807006) of NGN for 2 years in accordance with your RFP Document dated [..... Insert Date] and our Proposal. We are hereby submitting our Technical and Financial Proposal. We confirm that we have read the RFP Document in totality and abide by the terms and conditions stated in the document.

We acknowledge that we have

- Studied and analyzed and satisfied ourselves about all the requirement of the tender including but not limited to market and market conditions
- Carefully assessed the commerciality of Project and that we will be fully responsible for all its assessment in this regard.
- Seen / visited / assessed the potential locations and fully understand and comprehend the technical, financial, commercial and investment requirements.

We have filled the complete information correctly in **Form 21**.

We hereby declare that all the information and statements made in this Proposal are true and accept that any misinterpretation contained in it may lead to our disqualification. Our Proposal is binding upon us.

We understand you are not bound to accept any Bid you receive.

Yours Sincerely,

Authorized Signature [In full and initials]:

Name and Title of Signatory:

Name and address of Firm:

RFP for 2 years annual maintenance of 4-wheeler catenary maintenance vehicle (Phooltas PTL 201807006) for NGN

8.2.2 Form 2: Firm Details

1.	<p>Title and name of the Project: Annual maintenance for 4 wheeler catenary maintenance vehicle (Phooltas PTL 201807006) of NGN for 2 years.</p>
2.	<p>State the structure of the Bidder's organization (Bidders to complete/delete as appropriate) Sole Bidder</p>
3.	<p>For Bidders who are individual companies or firms, state the following: Name of Company or firm: Legal status: (e.g. incorporated private company, proprietorship, etc.) Registered address: Year of incorporation..... Principal place of business: Contact person: Contact person's title: Address, telephone, facsimile number and e-mail ID of contact person:</p>
4.	<p>Employees Provident Fund No. (attach documentary proof) -</p>
5.	<p>Employees State Insurance Acts in India No. (attach documentary proof) -</p>
6.	<p>GST Registration No. (attach documentary proof) -</p>
7.	<p>PAN (attach documentary proof) -</p>
8.	<p>MSME Certificate registration No. (attach documentary proof)</p>
9.	<p>Address of the registered office or functional branch office located in Delhi/NCR (attach documentary proof)</p>

RFP for 2 years annual maintenance of 4-wheeler catenary maintenance vehicle (Phooltas PTL 201807006) for NGN

8.2.3 Form 3: Capability Statement

It is Compulsory for the bidder to fill this statement and the bidder must upload those document that support this statement

Tender Reference No : _____

Name of Work : _____

Name of Bidder: _____

S.No.	<u>ELIGIBILITY CRITERIA</u>	(To be filled by the Bidder)
1	Sole proprietorship, registered partnership firm including LLP public limited company or private limited company can submit the Bid. The firms and the companies should be registered in India.	Yes/ No
2	<p>The Bidder should have a minimum experience of having satisfactorily completed similar works during last 7 (seven) years period ending last day of month previous to the one in which the bids are invited should be either of the following</p> <ul style="list-style-type: none"> i. One similar completed work costing not less than the amount equal to Rs. 38.56 Lakh (Rupees Thirty Eight Lakhs Fifty Six Thousand only) or ii. Two similar completed works each costing not less than the amount equal to Rs. 24.10 Lakh (Rupees Twenty Four Lakhs Ten Thousand only) or iii. Three similar completed works each costing not less than the amount equal to Rs. 19.28 Lakh (Rupees Nineteen Lakhs Twenty 	7 Years

RFP for 2 years annual maintenance of 4-wheeler catenary maintenance vehicle (Phooltas PTL 201807006) for NGN

S.No.	ELIGIBILITY CRITERIA	(To be filled by the Bidder)								
	Eight Thousand only)									
	Similar work”	“Similar work” for this contract shall be supply/maintenance of CMV/Tower wagon/UTV/CTMC in Indian Railways/Central Govt./StateGovt./PSU”s/ NMRC/Metro or any Private Limited Company.								
3	<p>The Bidder should have in the last 3 (three) audited Financial Year ending on 31st March 2024 preceding the Bid Due Date -</p> <p>a. The Bidder should have minimum average annual turnover of Rs. 48.19 Lakh. (Rupees Forty Eight Lakhs Nineteen Thousand. only) in the last 3 (three) audited Financial Years (2021-22, 2022-2023, 2023-24) preceding the Bid Due Date.</p>	<table border="1"> <tr> <td data-bbox="790 752 997 808">FY 2021-22</td> <td data-bbox="997 752 1204 808"></td> </tr> <tr> <td data-bbox="790 808 997 864">FY 2022-23</td> <td data-bbox="997 808 1204 864"></td> </tr> <tr> <td data-bbox="790 864 997 920">FY 2023-24</td> <td data-bbox="997 864 1204 920"></td> </tr> <tr> <td data-bbox="790 920 997 976">Average</td> <td data-bbox="997 920 1204 976"></td> </tr> </table>	FY 2021-22		FY 2022-23		FY 2023-24		Average	
FY 2021-22										
FY 2022-23										
FY 2023-24										
Average										
4	Liquidity – Not applicable									
5	Net Worth Not applicable	<table border="1"> <tr> <td data-bbox="790 1312 997 1368"></td> <td data-bbox="997 1312 1204 1368"></td> </tr> </table>								
6	<p>The Bidder should have Positive Profit before Tax during any of the audited financial year during immediately preceding three audited financial year ending on 31st March 2024. (FY 2021-22 , 2022-2023, 2023-24)</p>	<table border="1"> <tr> <td data-bbox="790 1413 997 1469">FY 2021-22</td> <td data-bbox="997 1413 1204 1469"></td> </tr> <tr> <td data-bbox="790 1469 997 1525">FY 2022-23</td> <td data-bbox="997 1469 1204 1525"></td> </tr> <tr> <td data-bbox="790 1525 997 1581">FY 2023-24</td> <td data-bbox="997 1525 1204 1581"></td> </tr> <tr> <td data-bbox="790 1581 997 1626"></td> <td data-bbox="997 1581 1204 1626"></td> </tr> </table>	FY 2021-22		FY 2022-23		FY 2023-24			
FY 2021-22										
FY 2022-23										
FY 2023-24										
7	The Bidder must have either the Registered Office or the functional Branch Office located in Delhi NCR.									
8	The Bidder should be registered with the Goods and Services Tax Authorities.									
9	The Bidder should not have been blacklisted/ banned/ declared ineligible for corrupt and fraudulent practices by the Government of India/ any State Government/ Government Agency and Supreme court and contracts have been terminated/ foreclosed by any company / department due to non-fulfilment of Contractual obligation in last 5 (five) financial years.									

RFP for 2 years annual maintenance of 4-wheeler catenary maintenance vehicle (Phooltas PTL 201807006) for NGN

8.2.4 Form 4: Work Experience

The following format shall be used for statement of experience of Bidder:

SN	Similar Contract description	Contract Identification Number	Award date & Completion date	Employer's Name, address, telephone number, e-mail etc	Role in contract		If in JV/consortium then % participation	Completion cost	Value of similar work in completed work
					Individual	JV/ Consortium			
1									
2									
3									
4									
Add required number of rows									

Authorized signatory

Name:

Date:

Name of the Bidder with seal

NOTE:

1. Only the value of contract as executed by the applicant/member in his own name should be indicated. Where a work is undertaken by a group, only that portion of the contract which is undertaken by the concerned applicant/member should be indicated and the remaining done by the other members of the group be excluded. This is to be substantiated with documentary evidence
2. The tenderer shall upload details of work executed by them in the prescribed format for the works to be considered for qualification of work experience criteria. Documentary proof such as completion certificates from the client clearly indicating the nature/scope of work, actual completion cost and actual date of completion for such work should be uploaded. In case work is executed for private client documentary proof such as copy of work order, Bill of quantities, Bill wise details of payment received certified by CA, TDS certificates for all the payments received, copy of final/ last bill paid by the client should be uploaded. The offers submitted without this documentary proof will not be evaluated.
3. Value of successfully completed portion of any ongoing work up to the last day of the previous month of tender submission will also be considered for qualification of work experience criteria.
4. For completed works, value of work done shall be updated to the last day of the previous month of tender submission price level assuming 5% inflation for Indian Rupees every year and 2% for foreign currency portions per year. The exchange rate of foreign currency shall be applicable 28 days before the submission date of tender.
5. If the above work(s) comprise(s) other works also, then client's certificate clearly indicating the amount of work done in respect of the "similar work" shall be furnished by the tenderer in support of work experience along-with their tender submissions.

RFP for 2 years annual maintenance of 4-wheeler catenary maintenance vehicle (Phooltas PTL 201807006) for NGN

8.2.5 Form 5: Financial Capability Details

Bidder should submit their financial details as per the following:

This is to certify that the Average Annual Turnover and profitability of M/s

having registered office at

....., as applicable, is as below:

S.No.	Financial year	Name of the Bidder	Turnover (in Rupees)
1.	FY 2021-22		
2.	FY 2022-23		
3.	FY 2023-24		
	Average Annual Turnover		

S.No.	Financial year	Name of the Bidder	Liquidity
NA			

S.No.	Financial year	Name of the Bidder	Net Worth
NA			

S.No.	Financial year	Name of the Bidder	Profitability (in Rupees)
1.	FY 2021-22		
2.	FY 2022-23		
3.	FY 2023-24		

Certificate of the Chartered Accountants/Statutory Auditors

Based on Audited Accounts and other relevant documents of _____ (Name of Bidder), we M/s _____, Chartered Accountants/ Statutory Auditors, certify that the above information pertaining to **FY 2021-22, 2022-2023, 2023-24** is correct.

Signature and Seal of
Chartered Accountants/Statutory Auditors
(with membership no. & UDIN No.)

Authorised Signatory

(Name & Designation of Authorised Signatory)

RFP for 2 years annual maintenance of 4-wheeler catenary maintenance vehicle (Phooltas PTL 201807006) for NGN

NOTE:

In case the Financial Statements for the latest financial year are not audited and therefore the Bidder cannot make it available, the Bidder shall give an undertaking to this effect and the statutory auditor/chartered accountant shall certify the same. In such a case, the Bidder shall provide the Audited Financial Statements for 2 (two) years preceding the year for which the Audited Financial Statement is not being provided and shall submit an affidavit certifying 'the annual accounts for the FY 2023-24 has not been audited so far' and we are submitting the CA certified provisional accounts which shall be substantiated with the original audited accounts when prepared.

NOTE:

1. All such documents reflect the financial data of the bidder and not that of sister or parent company.
2. The financial data in above prescribed format shall be certified by CA/ Company Auditor under his signature and stamp in original along with membership no and UDIN no.
3. The Bidder shall provide the audited annual financial statements as required.

RFP for 2 years annual maintenance of 4-wheeler catenary maintenance vehicle (Phooltas PTL 201807006) for NGN

8.2.6 Form 6: Memorandum

Name of Work: Annual maintenance for 4 wheeler catenary maintenance vehicle (Phooltas PTL 201807006) of NGN for 2 years.

I/We agree to keep the quoted rate open for acceptance for 180 days from the due date of submission thereof and not make any modification in its terms and conditions.

I/We hereby declare that I/We shall treat the quotation documents, drawings and other records connected with the works as secret/ confidential documents and shall not communicate information derived there from to any person other than the information in any manner prejudicial to the safety of NMRC.

Signature of the bidder with seal

Dated:

Witness:

Address:

Occupation

RFP for 2 years annual maintenance of 4-wheeler catenary maintenance vehicle (Phooltas PTL 201807006) for NGN

8.2.7 Form 7: Undertaking

I confirm that We (Tenderer), _____

- a. Have not been banned /declared ineligible for corrupt and fraudulent practices by any government/government-undertaking/ semi-government/ govt. controlled institutions, any court of law having jurisdiction in India for the past 5 (five) years.
- b. Do not have any pending litigation & non-performing contracts during last 5 (five) years. Further, has not been barred by any government/government-undertaking/ semi-government/ govt. controlled institutions
- c. Have not abandoned any work in last 5 (five) years.
- d. Have not delayed in similar work completion during orders executed in last 5 (five) years.
- e. Do not ever been terminated due to poor performance.
- f. Have not suffered Bankruptcy/ insolvency in last 5 (five) years.
- g. Have not been blacklisted/ debarred by any organization.
- h. Have not been be involved in any illegal activity and/or has not been charge sheeted for any criminal act during the last 5 (five) years.
- i. Have not submitted any misleading information in the Bid.
- j. Are financially sound to perform the work.

Authorized signatory

Name:

Date:

Name of the Bidder with seal

RFP for 2 years annual maintenance of 4-wheeler catenary maintenance vehicle (Phooltas PTL 201807006) for NGN

8.2.8 Form 8: Power of Attorney

(To be on non-judicial stamp paper of appropriate value as per Stamp Act relevant to place of execution.)

Power of Attorney to be provided by the Bidding Company in favour of its representative as evidence of authorized signatory's authority.

Know all men by these presents, We(name and address of the registered office of the Bidding Company) do hereby constitute, appoint and authorize Mr./Ms.....(name and residential address) who is presently employed with us and holding the position of _____, as our Attorney to do in our name and our behalf all or any of the acts, deeds or things necessary or incidental to submission of our Bid for 2 years **annual maintenance of 4 wheeler catenary maintenance vehicle (Phooltas PTL 201807006) for NGN.**

In response to the RFP Document dated _____ issued by Noida Metro Rail Corporation ("NMRC" or "the Corporation"), including signing and submission of the Bid and all other documents related to the Bid, including but not limited to undertakings, letters, certificates, acceptances, clarifications, guarantees or any other document which the Corporation may require us to submit. The aforesaid Attorney is further authorized for making representations to the NMRC or any other authority, and providing information / responses to the NMRC, representing us in all matters before the NMRC, and generally dealing with the Corporation in all matters in connection with our Bid till the completion of the bidding process as per the terms of the RFP Document and further till the Contract is entered into with the NMRC and thereafter till the expiry of the Contract.

We hereby agree to ratify all acts, deeds and things done by our said attorney pursuant to this Power of Attorney and that all acts, deeds and things done by our aforesaid attorney shall be binding on us and shall always be deemed to have been done by us.

All the terms used herein but not defined shall have the meaning ascribed to such terms under the RFP Document.

Signed by the within named
.....[Insert the name of the executant company]
through the hand of
Mr.
duly authorized by the Board to issue such Power of Attorney
Dated this day of

Accepted
.....
Signature of Attorney
(Name, designation and address of the Attorney)

Attested
.....
(Signature of the executant)
(Name, designation and address of the executant)

.....
Signature and stamp of Notary of the place of execution

RFP for 2 years annual maintenance of 4-wheeler catenary maintenance vehicle (Phooltas PTL 201807006) for NGN

Common seal of has been affixed in my/our presence pursuant to Board of Director's Resolution dated.....

WITNESS

1.
(Signature)
Name

- Designation.....
2.
(Signature)
Name

- Designation.....

Notes:

- (1) The mode of execution of the power of attorney should be in accordance with the procedure, if any, laid down by the applicable law and the charter documents of the executant(s) and the same should be under common seal of the executant affixed in accordance with the applicable procedure. Further, the person whose signatures are to be provided on the power of attorney shall be duly authorized by the executant(s) in this regard.
- (2) In the event, power of attorney has been executed outside India, the same needs to be duly notarized by a notary public of the jurisdiction where it is executed.
- (3) Also, wherever required, the executant(s) should submit for verification the extract of the charter documents and documents such as a board resolution / power of attorney, in favour of the person executing this power of attorney for delegation of power hereunder on behalf of the executant(s).

RFP for 2 years annual maintenance of 4-wheeler catenary maintenance vehicle (Phooltas PTL 201807006) for NGN

8.2.9 Form 9: Bid Capacity Information

Name and brief particulars of contract (Clearly indicate the part of the work assigned to the applicant(s))	Name of client with telephone number and fax number	Contract Value In Rupees Equivalent (Give only the value of work assigned to the applicant(s))	Value of balance work yet to be done in Rupee equivalent as on last day of the previous month of tender submission	Date of Completion as per Contract Agreement	Expected Completion Date	Delay if any, with reason	Value of work to be done during next 24 months with effect from the first day of the month of tender submission
Total							

S.No.	Financial year	Total Value of Works done as per audited financial statements
1	FY 2021-22	
2	FY 2022-23	
3	FY 2023-24	

Bid Capacity (Bidder shall calculate, mention his bid capacity and enclose the supporting calculation)

A = Rs.

N =years

B = Rs.

Assessed available bid capacity = $2*A*N - B$

RFP for 2 years annual maintenance of 4-wheeler catenary maintenance vehicle (Phooltas PTL 201807006) for NGN

Certificate of the Chartered Accountants / Company Auditor

We, M/s _____, Chartered Accountants/ Company Auditors, certify that the above information is correct.

Name of Chartered Accountants / Company Auditor

Signature and Seal of Chartered Accountants/ Company Auditor

Membership Number & UDIN No. of Chartered Accountants/ Company Auditor

Authorised Signatory

(Name & Designation of Authorised Signatory)

NOTE:

1. The financial data in above prescribed format shall be certified by Chartered Accountant/ Company Auditor in original under his signature & stamp along with audited financial statements
2. Value of existing commitments for on-going works during period of 24 months w.e.f. from the first day of the month of tender submission has to be uploaded by the tenderer in Form. These data shall be certified by the Chartered Accountant with his stamp and signature in original with membership number and UDIN.

RFP for 2 years annual maintenance of 4-wheeler catenary maintenance vehicle (Phooltas PTL 201807006) for NGN

8.2.10 Form 10: Salable Form for Tender Document

Job No.

The required fee of tender (non refundable) form has been deposited in _____ Bank A/c No. _____ RTGS/NEFT and the scanned copy of UTR receipt with Transaction Id is being enclosed with E-tender documents. If the copy of UTR receipt is not uploaded with the E-tender the tender shall be rejected.

DETAILS OF EARNEST MONEY ATTACHED

The required amount of Earnest money has been deposited in _____ Bank A/c No. _____ RTGS/NEFT and the scanned copy of UTR receipt with transaction Id is being enclosed with E-tender documents. If the copy of UTR receipt is not uploaded with the E-tender the tender shall be rejected.

BIDDER

Signature and Stamp

RFP for 2 years annual maintenance of 4-wheeler catenary maintenance vehicle (Phooltas PTL 201807006) for NGN

8.2.11 Form 11: Declaration of Refund of Earnest Money

**Noida Metro Rail Corporation (NMRC) Limited
 Block-III, 3rd Floor,
 Ganga Shopping Complex, Sector-29, Noida -201301,
 District Gautam Budh Nagar, Uttar Pradesh, India**

1	Bidder Name	
2	Bidder Address	
3	Bank Name	
4	Bank Branch	
5	A/c No	
6	IFSC Code	
7	PAN No.	
8	Tin/TAN No.	
9	GST No.	
10	Phone No.	
11	Mobile No.	
12	Email-Id	
13	Type of Account	
For Office Use Only		
14	Party Unique Id	

The above provided information is true to the best of my knowledge.

Date:

Signature with Stamp/Seal

RFP for 2 years annual maintenance of 4-wheeler catenary maintenance vehicle (Phooltas PTL 201807006) for NGN

8.2.12 Form 12: Undertaking pertaining to Personnel

- We confirm to deploy competent service engineer required to attend breakdown and scheduled maintenance as per conditions mentioned in the tender document.
- The Service engineer deployed by the contractor should be minimum diploma holder in Engineering with minimum 05 years of hands-on experience & should be well versed with the functioning & fault finding of these CMV so that there will be minimum downtime of CMV after arriving of contractor's service engineer. The prolonging of time period in detecting the fault and subsequent rectification on part of inept Service Engineer will not be tolerated & a penalty deemed suitable by NMRC will be levied on the firm for the unnecessary working days loss of that particular CMV.
- The performance of service engineer deployed will be evaluated periodically by Employer during the contract period. In case the performance of the personnel is not satisfactory, the contractor shall replace them with good personnel immediately as per the directions of the Engineer.

Date:

Signature with Stamp/Seal

RFP for 2 years annual maintenance of 4-wheeler catenary maintenance vehicle (Phooltas PTL 201807006) for NGN

8.2.13 Form 13: Resources proposed for the O&M - Plant & Equipment

1. **We hereby confirm that we shall supply general spares (listed in section 3 form 17 as per the conditions mentioned in the tender document (clause 25 & 26 of SCC)**
2. We further confirm that we shall deploy all the materials required as per necessity for any type of maintenance of CMV (if condition arises) payment of which will be done separately after the verification by NMRC representative (OHE Incharge/Shift Supervisor).
3. All the spare parts, except wear and tear items and consumables items will be warranted for a period of 09 (Nine) months from the date of supply & 06 (Six) months from the date of fitment, whichever is earlier, against any manufacturing defects and poor workmanship.
4. If any spare part fails during warranty period, the same has to be replaced free of cost with new one by the contractor & the replaced spare parts will also covered under residual warranty of replaced defective spare part. The replacement work has to be attended in such a manner that working of CMV is not suffered intensely

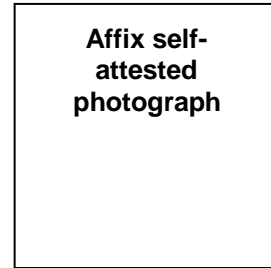
Date:

Signature with Stamp/Seal

RFP for 2 years annual maintenance of 4-wheeler catenary maintenance vehicle (Phooltas PTL 201807006) for NGN

8.2.14

8.2.14 Form 14: Proposed Personnel



NAME :

ID No. :

FATHER'S NAME :

DATE OF BIRTH :

PERMANENT ADDRESS :

.....

RESIDENTIAL ADDRESS :

.....

MARITAL STATUS :

EDUCATIONAL QUALIFICATION :

TECHNICAL QUALIFICATION :

EXPERIENCE :

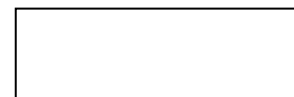
LANGUAGE KNOWN :

NATIONALITY :

CATEGORY :

DATE:

PLACE:



SIGNATURE

(To be filled by contractor)

Attested by authorised person:

RFP for 2 years annual maintenance of 4-wheeler catenary maintenance vehicle (Phooltas PTL 201807006) for NGN

8.2.15 Form 15: Obligation/ Compliance to be ensured by Contractor

S. No.	Items	Compliance of Contractor (To be filled by contractor)	
		Yes	No
1	License for employing contract labour		
2	Compliance of minimum wages Act by payment of wage on 7th of every month through Bank or in the presence of nominated representative of employer (NMRC Supervisor/manager)		
3 (a)	Compliance of provision of ESI & EPF Act		
3 (b)	Ensure treatment in ESI hospital in case of accident/injuries suffered in performance of work and compensation under ESI Act.		
4	Send Accident report to Regional Labour Commissioner (RLC) & ESI authorities.		
5	Observance of working hours, weekly rest and overtime payments as per minimum wages Act-1948.		

Note: - Under Sr. No. 01, contractor may have their say of Yes/No specifying the proper reason, whereas under Sr. No. 02-05, a non-filling or "No" by contractor will lead to non-eligibility for contractor in further tendering process.

S.N	Description	Reference Clause	Requirement
i	Latest "date for commencement" of the Works	Clause 8.1 of the GCC	Date given in NOA or Employer's Notice to Proceed
ii	Liquidated Damages	Clause 8.5 of the GCC	(i) 0.015% of contract price per day of delay in completion of whole work. (ii) Total maximum limit of LD including sums payable by the employer to designated contractors is 15% as mentioned in GCC.
iii	Insurance for workers/ employees	Clause 15.4 of the GCC	All of the contractor's employees shall have to be covered under ESI and ECA as per Special conditions of contract.
iv	Insurance cover for Contractor's All Risk and other requirements as specified in the GCC	Clause 15 of the GCC	100% of the Total Contract Price.
v	Amount of Third Party Insurance	Clause 15.3 of the GCC	INR 0.75 Million for any one incident, with no. of incidents unlimited.
vi	Period in which all insurances have to be effected	Clause 15.5 of the GCC	Within 1 week from the "date of commencement"

Signature of authorized signatory of Tenderer

RFP for 2 years annual maintenance of 4-wheeler catenary maintenance vehicle (Phooltas PTL 201807006) for NGN

8.2.16 Form 16: Proforma for Clarifications / Amendments on the RFP

Sl. No.	Document	Clause No. and Existing Provision	Clarification required	Suggested Text for the Amendment	Rationale for the Clarification or Amendment

Authorized signatory

Name:

Date:

Name of the Bidder with seal

RFP for 2 years annual maintenance of 4-wheeler catenary maintenance vehicle (Phooltas PTL 201807006) for NGN

8.2.17 Form 17: Bid Offer/ BOQ (Format)

To,
AGM/Electrical
Noida Metro Rail Corporation (NMRC) Limited
Block-III, 3rd Floor, Ganga Shopping Complex
Noida -201301,
District Gautam Budh Nagar, Uttar Pradesh

THIS FORM IS NOT TO BE FILLED. THE BIDDERS ARE REQUIRED TO FILL THE FINANCIAL PROPOSAL IN XLS FORMAT AFTER DOWNLOADING THE FORM FROM THE E-PROCUREMENT WEBSITE FOR THIS TENDER DOCUMENT

Sub: 2 years annual maintenance of 4-wheeler catenary maintenance vehicle (Phooltas PTL 201807006) for NGN

Dear Sir,
I/we have read and examined the RFP document, general terms and conditions.

I/we hereby quote for the Total Price for 2 years annual maintenance of 4-wheeler catenary maintenance vehicle (Phooltas PTL 201807006) for NGN as specified below, payable by NMRC.

BOQ SUMMARY SHEET

SUMMARY OF BOQ TO BE EXECUTED UNDER CONTRACT					
Sr. No.	Description	Year	Amount (without GST)	GST Amount (@18%)	Total
1	Scheduled Preventive maintenance & Breakdown maintenance Visit charges (Section 1)	1st Year	270000.00	48600.00	318600.00
		2nd Year	297000.00	53460.00	350460.00
2	Miscellaneous activities to be executed in CMV in 02 years (Section 2)	One time Activity	2427156.83	436888.23	2864045.06
3	List of General spares (Section 3)	One time supply item	1089632.89	196133.92	1285766.55
Total ESTIMATED VALUE OF CONTRACT INCLUDING GST					4818871.61

I/we agree to carry out the work mentioned for schedule items of Section 1, Section 2 & Section 3 as per Tender documents (Reference Section 6.4 for maintenance schedule and SCC)

Percentage at PAR/BELOW/ABOVE (to be quoted on total schedule cost Rs. **4818871.61**)

_____ %age (in figure) _____ (clearly mention AT PAR/BELOW/ABOVE)

_____ %age (in words)

RFP for 2 years annual maintenance of 4-wheeler catenary maintenance vehicle (Phooltas PTL 201807006) for NGN

(Section-01)

1. <u>Scheduled Preventive maintenance & Breakdown maintenance Visit charges (Section-01)</u>								
Sr. No.	Description	Financial Year	Total Visit	Breakup of visit	Rate per Visit	Estimate	GST @ 18%	Total estimate including GST
1	Scheduled & Preventive Maintenance	2024-25	9	4M(4), 2Q(2), 1HA(1), 1Y(2)	18000.00	162000.00	29160	191160
		2025-26	9	4M(4), 2Q(2), 1HA(1), 1Y(2)	19800.00	178200.00	32076	210276
2	Breakdown maintenance	2024-25	6	As per actual breakdown condition	18000.00	108000.00	19440	127440
		2025-26	6		19800.00	118800.00	21384	140184
<u>Total amount including GST for 2 year (section-1)</u>								669060

RFP for 2 years annual maintenance of 4-wheeler catenary maintenance vehicle (Phooltas PTL 201807006) for NGN

(Section -02)

2. <u>Miscellaneous activities to be executed in CMV in 02 years (Section -02)</u>						
Sr. No.	Description of work	Work to be executed in 02 years	Rate/ activity	Estimate	GST @ 18%	Total estimate including GST
1.	B check of engine (With consumables)	6	38000	228000	41040	269040
2.	C check of engine (With Consumables)	1	64000	64000	11520	75520
3.	D2 Check of engine(including radiator, with all consumables)	1	251038	251038	45186.84	296224.84
4.	Overhauling of complete DG Set with replacement of all sensor (With all consumables)	2	84070	168140	30265.2	198405
5	Foot insulator replacement (1 set = 4 No. with material)	1	96076	96076	17293.68	113369.68
6	Electrical wiping assembly Installation (With material)	1	47176	47176	8491.68	55667.68
7	Installation of 25 kV Sensor (With material)	1	62076	62076	11173.68	73249.68
8	Installation of thermostat (With material)	1	57075	57075	10273.5	67348.50
9	Replacement of Lower Rubber Pad of suspension (1 set = 8 no. with material)	1	292200	292200	52596	344796
10	Transmission system & Axle Drive Gear Box inspection (Service charge only)	1	82076	82076	14773.68	96849.68
11	Electrical wiring replacement as per control wiring drawing with tagging and termination at both end (with material and installation charge)					
11.1	1.5 sq. mm wire replacement (Approximate length to be replaced with multiple lug termination at both end = 500 meter) (Single core)	500	45	22500	4050	26550
11.2	2.5 sq. mm wire replacement (Approximate length to be replaced with multiple lug termination at both end = 100 meter) (Single core)	100	72	7200	1296	8496
11.3	10 sq. mm wire replacement (Approximate length to be replaced with multiple lug termination at both end = 100 meter) (Single core)	100	1180	118000	21240	139240
11.4	35 sq. mm wire replacement (Approximate length to be replaced with multiple lug termination at both end = 70 meter) (Single core)	70	1960	137200	24696	161896
11.5	70 sq. mm wire replacement	50	2480	124000	22320	146320

RFP for 2 years annual maintenance of 4-wheeler catenary maintenance vehicle (Phooltas PTL 201807006) for NGN

	(Approximate length to be replaced with multiple lug termination at both end = 50 meter)(Single core)					
12	Pneumatic & Hose pipe replacement (With material and installation charge)					
Sr. No.	Description of work	Work to be executed in 02 years	Rate/ activity	Estimate	GST @ 18%	Total estimate including GST
12.1	SS braided pipe (Approximate length to be replaced with all end connections = 70 meter)	70 M	3200	224000	40320	264320
12.2	Rubber Hose pipe (Approximate length to be replaced with all end connections = 50 meter)	50 m	1280	64000	11520	75520
12.3	6 Sq. mm PVC pipe Festo make with end connection arrangement (ferrule etc.) at (Approximate both side length to be replaced with all end connections = 70 meter)	70 M	180	12600	2268	14868
12.4	10 Sq. mm PVC pipe Festo make with end connection arrangement (ferrule etc.) at both side (Approximate length to be replaced with all end connections = 50 meter)	50 M	240	12000	2160	14160
12.5	14 Sq. mm PVC pipe Festo make with end connection arrangement (ferrule etc.) at both side (Approximate length to be replaced with all end connections = 40 meter)	40 M	310	12400	2232	14632
13	Hose pipe replacement with end connection arrangement for oil and coolant (Approximate length to be replaced with multiple end connections = 30 meter)	30 M	2100	63000	11340	74340
14	Various electrical assembly & mechanical assembly maintenance (With material & service/installation charge)					
Sr. No.	Description of work	Work to be executed in 02 years	Rate/ activity	Estimate	GST @ 18%	Total estimate including GST
14.1	Alignment of Gates with base wheel arrangement (4 cab gates, 2 lobby gates, 2 cab interchanging gate)	8	3400	27200	4896	32096

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14.2	Gate locking arrangement with handle (2 lobby, 4 cab gate lock with lock & handle mechanism material) Total 6 locks	10	1800	18000	3240	21240
14.3	Window locking arrangement with hinges (Total 6 window)	6	1400	8400	1512	9912
14.4	Cab & Lobby light arrangement (LED light of suitable dimension for both cab and lobby, approx. 2000 lumen each, Total light to be replaced 10 including material)	10	2800	28000	5040	33040
14.5	Marker/Tail light replacement (Including material) (In set)	2	38000	76000	13680	89680
14.6	Flasher light replacement (including material)	4	13500	54000	9720	63720
14.7	Seat cover with cushion replacement (With material, 04 revolving chair, 2 fix chair total seat 6)	6	11800	70800	12744	83544
Total amount of miscellaneous activity (Section -02)						2864045.06
Remark: <ul style="list-style-type: none"> •Activities mentioned under Section -02 will cover the man power and material charges both. • 03 'B check' followed by 01 'C check' to be performed in first financial Year. Similarly, 03 B Check followed by 01 D2 Check to be executed in next financial year. (Refer Section -6.4 maintenance schedule) 						

RFP for 2 years annual maintenance of 4-wheeler catenary maintenance vehicle (Phooltas PTL 201807006) for NGN

(Section - 03)

<u>3.General Spares List (Section - 03)</u>						
Sr. No.	Description	Quantity	Unit price	Total amount	GST amount (@18%)	Total amount including GST
1	Ignition Key	4	4006.80	16027.20	2884.90	18912.10
2	Ampere meter	2	70699	141398	25451.64	166849.64
3	Fuel Meter	2	39973.61	79947.22	14390.50	94337.72
4	RPM indicator	2	44875.22	89750.44	16155.08	105905.52
5	Transmission Oil Pressure Sensor	5	12425.00	62125.00	11182.50	73307.50
6	Direction Change cylinder	1	42624.00	42624	7672.32	50296.32
7	Flow Control valve	1	35255.52	35255.52	6345.99	41601.51
8	Gear Shift Cylinder	1	38846.08	38846.08	6992.29	45838.37
9	Shut off cock of unloader valve	1	15613.46	15613.46	2810.42	18423.88
10	MCB 16 Ampere double Pole	2	2852.22	5704.45	1026.80	6731.25
11	MCB 6 Ampere single pole	2	1663.06	3326.13	598.70	3924.83
12	Indicator assembly LED 24VDC Red	20	149.75	2995	539.12	3534.12
13	Indicator assembly LED 24VDC Green	20	149.75	2995	539.12	3534.12
14	Indicator assembly LED 24VDC Yellow	20	149.75	2995	539.12	3534.12
15	Toggle Switch 1W	2	542.86	1085.72	195.43	1281.15
16	Toggle Switch 2W	2	645.82	1291.63	232.49	1524.13
17	By Pass Switch	5	958.43	4792.17	862.59	5654.76
18	Engine stop S/W	5	958.43	4792.17	862.59	5654.76
19	Transmission selector Switch 3 Way	5	3303.96	16519.78	2973.56	19493.34
20	Transmission selector Switch 2 Way	5	3174.78	15873.92	2857.31	18731.23
21	Maintenance Kit for J1 Safety Valve	1	655.56	655.56	118	773.56
22	Kit for N1 Reducing Valve	1	4477.65	4477.65	805.98	5283.63
23	Rubber kit for JSL brake cylinder	1	797.70	797.70	143.59	941.29
24	Kit for SA-9 Brake valve	1	9838.85	9838.85	1770.99	11609.85
25	24 A Double check valve	1	6787.61	6787.61	1221.77	8009.38
26	KIT for D1 Emergency Valve	1	9838.85	9838.85	1770.99	11609.85

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Sr. No.	Description	Quantity	Unit price	Total amount	GST amount (@18%)	Total amount including GST
27	Limit switch of platform Left, Right, Up/Down (in set)	2	4583.50	9167.00	1650.06	10817.06
28	Water pump with idler (set)	1	98565.55	98565.55	17741.80	116307.35
29	RPM cum hour meter (set)	1	167090.76	167090.76	30076.34	197167.10
30	Transmission pressure gauge (set)	2	12254.52	24509.04	4411.63	28920.67
31	Transmission oil filter	1	9542.54	6542.54	1717.66	11260.20
32	7.5 kVA, Prakash make DG set lube oil filter	2	1033.78	2067.55	372.16	2439.71
33	7.5 kVA, Prakash make DG set diesel filter	2	715.69	1431.38	257.65	1689.03
34	Element Air Cleaner (4055575)	2	1287.43	2574.86	463.47	3038.33
35	Element Air Cleaner (4055576)	2	4012.45	8024.91	1444.48	9469.39
36	Suction Strainer assembly	1	21115.36	21115.36	3800.77	24916.13
37	Return line filter assembly	1	23017.24	23017.24	4143.10	27160.34
38	By pass filter	1	5843.29	5843.29	1051.79	6895.08
39	Lube oil filter	1	2814.85	2814.85	506.67	3321.52
40	Fuel filter	1	3988.66	3988.66	717.96	4706.62
41	Pantograph operating pneumatic lever	2	32525.55	32525.55	5854.60	38380.15
42	DC fan for CAB	2	6500	13000	2340	15340
43	Head light (Complete set)	2	24000	48000	8640	56640
Gross amount including GST for the General spare Parts					196133.94	1285766.55

RFP for 2 years annual maintenance of 4-wheeler catenary maintenance vehicle (Phooltas PTL 201807006) for NGN

Please Note:

The Bidder with the lowest quoted cost for annual preventive and breakdown maintenance of 04 wheeler CMV(Phooltas PTL 201807006) in Noida- Greater Noida region in the financial quote (L1 bidder) shall be selected for the award of contract.

The Bidder shall be required to quote the percentage in the BOQ.

It will be deemed to include all Taxes including GST, Duties, Octroi, Royalty etc., cost of all plants, labour, supervision, materials, transport, all temporary works, erection, maintenance, utility identification, contractor's profit and establishment/ overheads, together with preparation of design and drawings, all general risks, insurance liabilities, compliance of labour laws and obligations set out or implied in the contracts.

The quantities in BOQ are approx. and are meant to give tenderer(s) an idea of the quantum of work involved.

NMRC reserves the right to increase/decrease the above quantities added or deleted from any of the items.

Any damages while transporting/ handling of the materials should be replaced/repared by the tenderer before installation/commissioning without any cost.

Safety and storage of material will be managed by contractor at his own cost.

The tenderer(s) shall quote his/their percentage above/below in words and in figures at prescribed place only otherwise his tender will not be considered

The work executed against the BOQ items would be paid on measurement basis.

The Contractor may raise their 'On Account' payments on monthly basis as per the status of work on the last day of the respective month.

The Financial Bid submitted is unconditional and fulfills all the requirements of the TOR Document.

We have completely read and understood the Bid Document. The Financial Tender submitted is unconditional and fulfils all the requirements of the Tender Document.

Our Financial Proposal shall be binding upon us subject to the modifications resulting from contract negotiations, up to expiration of the validity period of the Proposal. We understand you are not bound to accept any Proposal you receive.

Signature and Name of the Authorized Person

RFP for 2 years annual maintenance of 4-wheeler catenary maintenance vehicle (Phooltas PTL 201807006) for NGN

NAME OF THE BIDDER AND SEAL

**8.2.18 Form 18: Undertaking as per Clause 4.1b of RFP
(to be submitted by each member of the JV/Consortium separately)**

(i) We do hereby undertake that following is the list of all the on-going Indian Railways/Central Govt./State Govt./PSU"s/NMRC or any private limited company of value more than 40% of cost of work within last one year (from the last day of the previous month of tender submission)

Applicant's legal name **Date.....**
JV/Consortium Member's legal name..... Page Of..... Pages

S.no.	Contract No. & Name of Work	Name of Employer / Client	Name of the contractor including constituent members in case of JV/Consortium (NOT ALLOWED, in this case)	Performance of work.	Performance based on
				* Satisfactory/unsatisfactory	*Client's certificate/ Undertaking by tenderer
1					
2					
Add required number of rows					

* Strikethrough whichever is not applicable.

(ii) We also do hereby undertake that the performance of works has been indicated above for all the works which are either based on client/Employer certificate or our undertaking. We also understand that NMRC at its sole discretion may get performance of any such work, for which undertaking of satisfactory performance has been given by us, directly from the Client / Employer for the Works listed above and if performance from Client / Employer for such work is found to be unsatisfactory, we shall be considered non-complaint to the tender condition.

Note:

- a) The tenderer may either submit satisfactory performance Certificate issued by the Client / Employer for the works or give an undertaking regarding satisfactory performance of the work with respect to completion of work/execution of work (for on-going works) failing which their tender submission shall not be evaluated and the tenderer shall be considered non-responsive and non-compliant to the tender conditions. In case of non-submission of either satisfactory performance Certificate from Client / Employer or undertaking of satisfactory performance of any of the above work, the performance of such work shall be treated as unsatisfactory while evaluating the overall performance of tenderer in terms of Note (b) below.
- b) If the tenderer has reported four or less number of works in the Form 18 then there should not be any unsatisfactory performance in any of the works of tenderer. Otherwise, the tenderer shall be considered ineligible for participating in tender process. In other cases, if the Overall Performance of tenderer in more than 20% of the works reported in the Form 18 (rounding off to the nearest lower whole number) is unsatisfactory, the tenderer including the constituent 'substantial member(s)' of JV/Consortium shall be considered ineligible for participating in tender process and they shall be considered ineligible applicants in terms Clause 4.1 of RFP.

RFP for 2 years annual maintenance of 4-wheeler catenary maintenance vehicle (Phooltas PTL 201807006) for NGN

- c) If there are any adverse remarks in the client's completion/performance certificate, the same shall be examined during technical evaluation.
- d) If there is any misrepresentation of facts with regards to performance in any of the works reported above, the same will be considered as "fraudulent Practice" under clause 4.33.1a (ii) of GCC and the tender submission of such tenderers will be rejected besides taking further action as per Clause 4.33.1a (vi) (a) & 13.2.1 of GCC.
- e) The undertaking shall be signed by authorized signatory of the tenderer.

Stamp & Signature of Authorized Signatory

RFP for 2 years annual maintenance of 4-wheeler catenary maintenance vehicle (Phooltas PTL 201807006) for NGN

8.2.19 Form 19: Undertaking as per Clause 4.13 of RFP

We hereby jointly and severally certify in accordance with clause 9.a' of the Order no. P-45021/2/2017-PP (BE-11) of Ministry of Commerce and Industry. Department for Promotion of Industry and Internal Trade (DPIIT) {formerly Department of Industrial Policy and Promotion (DIPP), Government of India dated 28.05.2018 that the item offered meets the minimum local content of atleast 90%. The details including name of vendor, location and percentage of local content is enclosed as Form 20.

We acknowledge that false declaration by the tenderer regarding local value addition including payments to be made to their vendors for local value addition shall be treated as a fraudulent practice under GCC clause 4.33.1 (a) (i) of this tender for which the tenderer or its successors can be debarred for a period up to three years along with such other actions as may be permissible under the law.

In cases of procurement for a value in excess of Rs. 10 crores, we also undertake to submit a certificate from statutory auditor or cost auditor of the company (in the case of companies) or from a practicing cost accountant or practicing chartered accountant (in respect of suppliers other than companies) giving the percentage of local content, in accordance with clause '9.b' of the Order no. P-45021/2/2017-PP (BE-II) of Ministry of Commerce and Industry. Department for Promotion of Industry and Internal Trade (DPIT) {formerly Department of Industrial Policy and Promotion (DIPP)}. Government of India dated 28.05.2018, after Completion of works to the Engineer.

STAMP & SIGNATURE OF AUTHORISED SIGNATORY

Note

1. This appendix needs to be submitted only if bidder wants to avail the purchase Preference as specified in Clause of 000.
2. The undertaking shall be signed by authorized signatory of the tenderer. In case of JV/Consortium by the authorized signatory of the constituent members counter signed by the authorized signatory of tenderer.

RFP for 2 years annual maintenance of 4-wheeler catenary maintenance vehicle (Phooltas PTL 201807006) for NGN

8.2.20 Form 20: List of goods, works or services tentatively proposed to be offered with local value addition

S.No.	Description of Items(Goods/Works/Services)	Vendor	Location	% of Local content

STAMP& SIGNATURE OF AUTHORISED SIGNATORY

RFP for 2 years annual maintenance of 4-wheeler catenary maintenance vehicle (Phooltas PTL 201807006) for NGN

8.2.21. Form 21: Bid Details

The following list is intended to help the tenderers in submitting offer which are complete. An incomplete offer is liable to be rejected. Tenderers are advised to go through the list carefully and take necessary action.

S. No.	Particulars	Attached Yes / No / Not Applicable	Page no. (Mandatory)
1	Bid Processing Fees		
2	Earnest Money Deposit		
3	Forms of Tender (FOT) Form 1: Letter of Proposal Submission		
4	Form 2: Firm Details		
5	Form 3: Capability Statement		
6	Form 4: Work Experience		
7	Form 5: Financial Capability Details		
8	Form 6: Memorandum		
9	Form 7: Undertaking		
10	Form 8: Power of Attorney		
11	Form 9: Bid Capacity Information		
12	Form 10: Salable Form for Tender Document		
13	Form 11: Declaration of Refund of Earnest Money		
14	Form 12: Undertaking pertaining to Personnel		
15	Form 13: Undertaking pertaining to Plant & Equipment		
16	Form 14: Proposed Personnel		
17	Form 15: Obligation/ Compliance to be ensured by Contractor		
18	Form 16: Proforma for Clarifications / Amendments on the RFP		
19	Form 17: Bid Offer/ BOQ		
20	Form 18: Undertaking as per clause 4.1b of RFP		
21	Form 19: Undertaking as per clause 4.13 of RFP		
22	Form 20: List of the Goods, Works & Services Tentatively Proposed to be offered with Local Value Addition		
23	Form 21: Bid Details		
24	Statutory proof of existence as the legal entity		
25	PAN certificate as per legal entity		
26	A copy of the Audited balance sheets and Profit and Loss Statements for the last 3 (three) audited financial years		
27	Self attested copy of ITR for last 03 (three) audited financial years		
28	Copy of GST registration certificate, EPF, ESI		
29	Any other document asked by the Employer if submitted, specify the documents Or Any other document which the Tenderer considers relevant		