



BHARAT HEAVY ELECTRICALS LIMITED भारत हैवी इलेक्ट्रिकल्स लिमिटेड
(A GOVT. OF INDIA UNDERTAKING) (भारत सरकार का उपक्रम)
PROJECT ENGINEERING MANAGEMENT परियोजना अभियांत्रिकी प्रबंधन

निविदा आमंत्रण सूचना
NOTICE INVITING TENDER (NIT)

Enquiry No- 77/24/6061/SEE

Date-27-Feb-25

BHEL invites offers from reputed Suppliers as per following terms and conditions -

1. Tender Type	Open Tender (Domestic-Indian)		
2. Package	LOCAL MOTOR STARTER		
3. Project	Framework Agreement (Rate Contract) of LOCAL MOTOR STARTER		
4. Executing Agency	BHEL-PEM		
5. Mode of Enquiry	E - PROCUREMENT		
6. Nature of Package (Divisible/Non-Divisible)	Divisible		
7. Numbers of Part bid	2-Part bid (Techno-commercial and Price bid)		
8. Due Date & Time	For offer submission	10/03/2025	12:00 IST
	For P-1 bid opening	10/03/2025	16:00 IST
9. Earnest Money Deposit (EMD)	Not Applicable	EMD Amount	NA
10. Tender Cost	NIL		
11. Eligibility of Local Supplier as per MII	Only Class I Supplier (with local content 50% and above)		
12. Technical Scope	As per Technical specification No: PE-TS-999-506-E005		
13. Pre-bid Clarification	Suppliers to contact BHEL-PEM (over phone/ mail/ visit-BHEL-PEM) for any clarification (Technical or Commercial) at least 05 days before the due date of Tender opening & get it clarified well before the due date, so that offers by the Suppliers may be submitted within the due date & time.		
14. Prequalification Requirements	Financial PQR- NO		Technical PQR- YES
15. Delivery terms for Supply	FOR Despatch Station		
16. Delivery Schedule:			
A. Main Supply & Commissioning Spares (if any)	120 days from the date of PO (for Unit-1, Unit-2 and common area)		
B. Mandatory Spares	NA		
Notes:			
a. Supplier to start manufacturing/supply only after getting the applicable Primary engineering Drgs. /docs approved from BHEL/End Customer.			
b. Drawings /documents submission/re-submission schedule shall be as per Technical specification (PE-RC-999-506-E005) which shall be used for progress monitoring purpose and required course correction, if any.			
c. The delivery date specified is for completion of the deliveries. Deliveries to start progressively so as to meet			



the completion schedule.

- d. The delivery conditions specified are for contractual purposes. However, to meet project requirement, BHEL may ask for early deliveries without any compensation thereof.

2.0 Validity of contract placed on basis of Framework Agreement (Rate Contract) for individual projects (PO rates, terms and conditions):

Vendor has to make supply of goods/services as per the delivery time mentioned above. However, due to unavoidable circumstances if delay happens in providing inputs/ clearances (inputs, Engineering approvals, deputing inspector for inspection, issuance of MDCC and any hold imposed owing to site issues etc.) for which delivery time extension is admissible as per point no.3, in such situation it shall be obligatory at vendor part to execute the contract at PO rates, terms and conditions where inputs/ clearances has been accorded within validity of contract. Validity period for various activities shall be as defined below or as mentioned in the NIT.

2.1 Contract for main supply shall be valid for 180 ('C') days from the PO date. In case of more than 2 units, validity period will be increased by supply time considered for subsequent units. However, delay at vendor's end (if any) shall be added to the validity period and contract validity shall get extended by the delay period at vendor's end.

For example: Original Delivery period for main supply: A (in days)

Delay at vendor's end: B (in days beyond "A" days)

Contract validity: C+B (in days)

Notes:

- B is the Vendor delay days beyond original contractual delivery period for main supply /extended delivery period owing to time taken by BHEL.
- Main supply, applicable in the contract released/ cleared for manufacturing within contractual validity period, to be supplied by vendor/supplier at PO rates, terms and conditions.
- Execution of the contract quantities released beyond contract validity period shall be decided on mutual consent basis at PO rates, terms and conditions.

3.0 Delivery Extension: Extension of contractual delivery time:

Delivery time mentioned in the NIT includes Engineering completion time (time for drawing/document submission/resubmission by the vendor and review/approval of the same by the BHEL/End customer), manufacturing, inspection, Packing and dispatch time. Due diligence is to be observed by the vendor to ensure timely completion of engineering and supply.

During the execution of the contract, time loss occurred owing to the reason attributable to BHEL besides force majeure shall be considered for delivery time extension to the vendor as given below: -

- Any Delay in providing comments/ approval on Primary drawing/documents beyond the stipulated time as specified in NIT.
- Time Loss in approval of the drawing/document as a result of increase in the iteration not attributable to the vendor (i.e. resubmission owing to end customer comments) as certified by BHEL. Time extension equivalent to the resubmission time noted in the tech. spec and consequential increase in the approval time in lieu of increase in iteration shall be applicable. However, for incomplete re- submission time loss shall be in vendor account.
- Delay in providing engineering input/material by BHEL.
- Delay in deputing inspector for inspection and delay in release of MDCC in line with GCC
- Any hold put by BHEL for whatever reasons during execution of contract (within contract validity period), time extension equivalent to hold period shall be admissible. However, in the event hold period continues for more than 30 days then, an additional fifteen days for the purposes of mobilization and demobilization of resources shall also be admissible.

Note: Extension in delivery period if any with or without imposition of LD shall be considered after detailed delay analysis based on provisions given above. However, no delay analysis will be applicable if supply is completed within delivery schedule as specified in Purchase order.



17. Liquidated Damages (LD):

a) **Liquidated Damages (For Main Supply):** Buyer reserves the right to recover from the Supplier, as agreed liquidated damages and not by way of penalty, a sum equivalent to half (½) percent of the undelivered portion of main contract price excluding GST per week or part thereof, subject to a maximum of ten (10) percent of total of contract price excluding GST, if the Supplier fails to deliver any part of the ordered goods/stores within the period stipulated in the Order/ Contract.

All other terms and conditions of LD shall be as per GCC Rev 07, Corrigendum 01 and to Corrigendum 02 GCC Rev-07.

18. Guarantee Terms: As per Clause No-12.0 except Clause no 12.2 (b) of General Commercial Terms & Condition of GCC Rev 07.

19. Validity of offer shall be as per Clause no. 7 (Instruction to Suppliers) of GCC Rev 07.

20. PVC (Price Variation Clause): Not Applicable.

21. CIF Content	Not Available
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22. Integrity Pact Applicability	Not Applicable.
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23. Tender Evaluation - Price will be finalized through RA. The evaluation currency for this tender shall be INR. Evaluation will be done on overall L1 (Total Package Price including Freight excluding taxes) basis with necessary loading as applicable.

In the course of evaluation, if more than one Supplier happens to occupy L-1 status, effective L-1 will be decided by soliciting discounts from the respective L-1 Suppliers.

In case more than one Supplier happens to occupy the L-1 status even after soliciting discounts, the L-1 Supplier shall be decided by a toss/ draw of lots, in the presence of the respective L-1 Supplier (s) or their representative(s). Ranking will be done accordingly. BHEL's decision in such situations shall be final & binding.

24. Payment terms:

As per clause No. 9.1 of General Commercial Terms and Conditions of GCC, Rev 07 i.e.

Payment of basic price of supplied materials (as per PO/ approved billing schedule) along with freight and taxes and duties (as applicable), shall be paid against receipt of material (receipted LR) at site on pro-rata basis. 10% of basic price of materials supplied will be retained as security deposit which will be released on pro – rata basis as below:

On receipt of Material Receipt Certificate (MRC) from project site engineer of owner/purchaser and on submission of certificate of submission of all the final documents for the package (as per Annexure IX(A) of GCC Rev 07), duly certified by Engineering Department of Purchaser.

Note:

Payment will be released within days as mentioned below after submission of complete documents:

- 90 days for non MSME as per MSMED Act
- 45 days for vendors qualified and registered as Micro and Small Enterprises MSEs as per MSMED Act
- 60 days for vendors qualified as Medium Enterprises as per MSMED Act.

25. Clause no 9.6 (excluding Notes) of GCTC of GCC Rev. 07 shall be read as-

"Suppliers shall submit billing documents for payment directly to BHEL. Payment will be released within days as mentioned below after submission of complete documents as per clause no 9.7.2 - 9.7.5:

- 90 days for non-MSME as per MSMED Act.
- 45 days for Suppliers qualified and registered as Micro and Small Enterprises MSEs as per MSMED Act.
- 60 days for Suppliers qualified as Medium Enterprises as per MSMED Act.



26. GST shall be payable extra at actual as per the HSN code finalized for the items during detailed BBU.

27. Reverse Auction:

BHEL shall be resorting to Reverse Auction (RA) (Guidelines for Reverse Auction – 2024, as available on www.bhel.com on “Supplier registration page”) for this tender. RA shall be conducted among all the Techno-Commercially qualified Suppliers.

Price Bids of all the Techno-Commercially qualified Suppliers shall be opened and same shall be considered as initial bids of Suppliers in RA. In case any Supplier(s) do(es) not participate in online Reverse Auction, their sealed envelope price bid along with applicable loading, if any, shall be considered for ranking.

“The Suppliers has to quote the Single Price (i.e. Total Cost to BHEL) in Reverse Auction. Prices are to be inclusive of Packing & Forwarding charges, all as per tender scope, Freight as applicable, including loading (if any) but excluding GST. De-loading (if any) shall be done in line with NIT terms.”

28. Supplier to note that this is an Open Tender enquiry & Reverse Auction participation shall be subject to following condition:

- Qualifying Technical Pre-Qualification Requirement.
- Techno-Commercial acceptance of offer by BHEL-PEM.
- Registration in BHEL-PEM for the Tender package

The Suppliers who are not registered with BHEL-PEM may apply for registration in BHEL-PEM through Registration Portal available at <https://supplier.bhel.in/> . All credentials and/ or documents duly signed & stamped related to registration has to be uploaded on the website & submit the application for registration. One set of hard copy filled-up SRF downloaded from Online Registration Portal duly signed & stamped has to be submitted.

29. Performance Security (PS)

PS Applicability

Not applicable.

30. Breach of contract, Remedies and Termination (Tenderer to note that this clause will supersede any clause regarding recovery amount from Tenderer due to Breach on contract mentioned anywhere in GCC Rev07 and its Corrigendum)

In case of Breach of Contract, BHEL shall recover 10% of the contract value from the Supplier using following instruments:

- Encashment of security instruments like EMD, Performance Security with executing agency (PEM) against the said contract.
- Balance amount (if value of security instruments is less than 10% of the contract value) from other Financial remedies i.e. available bills of the Supplier, retention amount etc. with executing agency (PEM).
- Balance amount from security instruments like EMD, Performance Security and other Financial remedies i.e. available bills of the Supplier, retention amount etc. with other units of BHEL.
- If recovery is not possible then legal remedies shall be pursued.

However, Supplier shall continue performance of the Order/ Contract, under all circumstances, to the extent not cancelled.

31. Suppliers are requested to refer clause no 26.0 (Make in India) of instructions to Supplier of GCC Rev 07. Further, following shall be taken into consideration for submitting bids by Suppliers:

- For this procurement, the local content to categorize a supplier as a Class I local supplier/ Class II local supplier/ Non-local supplier and purchase preference to class I local supplier, is as defined in Public Procurement (Preference to Make In India), Order 2017 dated 19.07.2024 issued by DPIIT. In case of subsequent orders issued by the Nodal ministry, changing the definition of local content for the items of the NIT, the same shall be applicable even if issued after the issue of the NIT, the same shall be applicable even if issued after the issue of tis NIT, but before opening of Part-II bids against the NIT.
- Minimum Local Content prescribed for LOCAL MOTOR STARTER package by Nodal Ministry is 50% and hence for this procurement, as per Public Procurement (preference to make in India), order 2017 dtd.



15.06.17, 28.05.18, 29.05.19, 16.09.20 & 19.07.24 and subsequent orders issued by the nodal ministry, this package is reserved for only Class-I supplier having Minimum local Content 50%. Class-II and Non-Local suppliers are not eligible to quote for this enquiry.

- Suppliers are requested to go through the above-mentioned orders and submit their adherence to Public Procurement (preference to make in India), order 2017 dtd. 15.06.17, 28.05.18, 29.05.19, 16.09.20 & 19.07.24 and subsequent orders.

32. Purchase preference to MSE Supplier: Yes.

33. Framework Agreement (Rate Contract) Order Splitting

- Framework Agreement (Rate contract) is proposed for Two (02) years from placement of Framework Agreement (Rate contract) Purchase Order with a provision for further extension after review on mutual consent.
- Framework Agreement (Rate contract) is to be done with 2 suppliers in ratio of 70:30 value wise at L1 FOR site price (Ex-works + freight) for this package. However, Purchase orders placed for a project on the basis of Rate Contract shall not be split. Details of Framework Agreement (Rate contract) order splitting shall be as per following:
 - GOI circular dated 18.05.2023 for Concurrent application of Public Procurement Policy for Micro and Small Enterprises Order, 2012 and Public Procurement (Preference to Make in India) Order, 2017 shall be applicable for order splitting (in the ratio of 70:30) and order finalization.
 - L1 Rates (Ex works + Freight) shall be counteroffered to all techno-commercially qualified Suppliers and order splitting in ratio of 70:30 shall be done in line with GOI circular dated 18.05.2023 for Concurrent application of Public Procurement Policy for Micro and Small Enterprises Order, 2012 and Public Procurement (Preference to Make in India) Order, 2017.
 - In case acceptance of counteroffer is received from more than two Suppliers then acceptance shall be considered as per FINAL Reverse Auction Ranking (as applicable).
 - In case acceptance of counteroffer is received from only one Supplier then splitting shall be done in the ratio of 70:30 between L1 vendor and the supplier who accepts L1 vendor rates.
 - If none of the Supplier accepts counter-offered L1 rates, then contract shall be awarded to L1 vendor for 100% value.
- Framework Agreement (Rate Contract) will be finalized on total lump sum basis instead of item wise evaluation so that the complete requirement against one project is not split amongst various Suppliers to minimize operational difficulty.

34. GOI circular dated 18.05.2023 for Concurrent application of Public Procurement Policy for Micro and Small Enterprises Order, 2012 and Public Procurement (Preference to Make in India) Order, 2017 shall be applicable for order splitting and order finalization.

35. The quantities indicated in the tender are tentative quantities. No minimum quantity is guaranteed by BHEL.

36. Overall (%) quantity variation: The variation on overall package value shall be limited to +/-30% of the contract value.

37. Suppliers shall Quote for the entire Scope. Partial scope is not acceptable.

38. Suppliers to ensure that Third party/ Customer issued certificates being submitted as proof of PQR qualification should have verifiable details of document/ certificate issuing authority such as name & designation of Issuing Authority and its organization contact number and e - mail Id etc. Offer of only those Suppliers shall be considered further, who meets the PQR criteria. Suppliers to furnish latest verification details for checking veracity of document(s) by BHEL. In case the same found not available, Purchaser has right to reject such document from evaluation. Format for the same is below: -



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Sl. No.	Project Name	Customer Name, Contact Address, Phone No. & Email ID	Contract/ Order No.	Value of Contract/ Order	Brief of Work	Completion Date

39. Suppliers who fulfil Technical & Financial Pre-Qualification Requirement Criteria are eligible to participate in this tender. Bids of only those Suppliers shall be evaluated who meet the Technical as well as Financial Pre-Qualifying requirements.

Note: This item/Package falls under the list of items defined in Para 3 of Ministry guideline ref no.F.20/2/214-PPD(Pt.) dated 20-09-2016 (in respect of procurement of items related to public safety, health, critical security operations and equipment's, etc.) & hence no relaxation of PQR for start-up/MSME vendors is envisaged for the NIT items/Package.

40. All corrigenda, addenda, amendments, time extensions, clarifications, etc. to the tender will be hosted on BHEL website (www.bhel.com) & BHEL-PEM website (www.pem.bhel.com) and GePNIC portal. Suppliers should regularly visit websites to keep themselves updated.

41. If Supplier mentions Not Applicable / Not required / Not Quoted in BHEL price format, the same to be substantiated by the Supplier. If such item is required to be supplied for system completion in future, same will be supplied free of cost.

42. GeM Seller ID shall be mandatory before placement of order/award of contract to the successful Supplier.

43. Supplier to quote non-zero freight charges in percentage (%) of their quoted Total Ex-Works prices of supply.

44. All Suppliers to comply Govt. of India, Ministry of Power, order no-25-111612018-PG dtd 02/07/2020 regarding mandatory testing of all the imported items/equipment's/components.

45. Self-declarations/ Auditor's/ Accountant's Certificates submitted by the manufacturer/ supplier may be verified randomly by the committee constituted as per MoP Order 28-07-2020. In case of false documents/misrepresentation of the facts requisite action against such manufacturer/ supplier will be taken based on the recommendation of the Committee.

46. All Suppliers to declare that they will not enter into any illegal or undisclosed agreement or understanding, whether formal or informal with other Supplier(s). This applies in particular to prices, specifications, certifications, subsidiary contracts, submission or non-submission of bids or any other actions to restrict competitiveness or to introduce cartelization in the bidding process.

In case, the Supplier is found having indulged in above activities, suitable action shall be taken by BHEL as per extant policies/ guidelines.

47. The offers of the Suppliers who are under suspension as also the offers of the Suppliers, who engage the services of the firms debarred across BHEL, shall be rejected. The list of firms debarred across BHEL is available on BHEL web site www.bhel.com.

1.0 Integrity commitment, performance of the contract and punitive action thereof:

1.1 Commitment by BHEL: BHEL commits to take all measures necessary to prevent corruption in connection with the tender process and execution of the contract. BHEL will during the tender process treat all Supplier(s) in a transparent and fair manner, and with equity.

1.2 Commitment by Supplier/ Supplier/ Contractor:

1.2.1 The Supplier/ supplier/ contractor commits to take all measures to prevent corruption and will not directly or indirectly influence any decision or benefit which he is not legally entitled to nor will act or omit in any manner which tantamount to an offence punishable under any provision of the Indian Penal Code, 1860 or any other law in force in India.



1.2.2 The Supplier/ supplier/ contractor will, when presenting his bid, disclose any and all payments he has made, and is committed to or intends to make to agents, brokers or any other intermediaries in connection with the award of the contract and shall adhere to relevant guidelines issued from time to time by Govt. of India/ BHEL.

1.2.3 The Supplier/ supplier/ contractor will perform/ execute the contract as per the contract terms & conditions and will not default without any reasonable cause, which causes loss of business/ money/ reputation, to BHEL.

If any Supplier/ supplier/ contractor during pre-tendering/ tendering/ post tendering/ award/ execution/ post-execution stage indulges in malpractices, cheating, bribery, fraud or and other misconduct or formation of cartel so as to influence the bidding process or influence the price or acts or omits in any manner which tantamount to an offence punishable under any provision of the Indian Penal Code, 1860 or any other law in force in India, then, action may be taken against such Supplier/ supplier/ contractor as per extant guidelines of the company available on www.bhel.com and/or under applicable legal provisions".

48. A Supplier shall not have conflict of interest with other Suppliers. Such conflict of interest can lead to anti-competitive practices to the detriment of Procuring Entity's interests. The Supplier found to have a conflict of interest shall be disqualified. A Supplier may be considered to have a conflict of interest with one or more parties in this bidding process, if:

- a) they have controlling partner (s) in common;' or
- b) they receive or have received any direct or indirect subsidy/ financial stake from any of them; or
- c) they have the same legal representative/agent for purposes of this bid; or
- d) they have relationship with each other, directly or through common third parties, that puts them in a position to have access to information about or influence on the bid of another Supplier; or
- e) Supplier participates in more than one bid in this bidding process. Participation by a Supplier in more than one Bid will result in the disqualification of all bids in which the parties are involved. However, this does not limit the inclusion of the components/ sub-assembly/ Assemblies from one bidding manufacturer in more than one bid, or
- f) In cases of agents quoting in offshore procurements, on behalf of their principal manufacturers, one agent cannot represent two manufacturers or quote on their behalf in a particular tender enquiry. One manufacturer can also authorize only one agent/dealer. There can be only one bid from the following:

- 1. The principal manufacturer directly or through one Indian agent on his behalf; and
- 2. Indian/foreign agent on behalf of only one principal,'

or

- g) A Supplier or any of its affiliates participated as a consultant in the preparation of the design or technical specifications of the contract that is the subject of the Bid, or
- h) In case of a holding company having more than one independently manufacturing units, or more than one unit having common business ownership/management, only one unit should quote. Similar restrictions would apply to closely related sister companies. Suppliers must proactively declare such sister/ common business/ management units in same/ similar line of business. "

49. All the above terms and conditions, post-bid agreements/MoMs (during Techno- Commercial evaluation) shall automatically become a part of the Order/Contract after its finalisation.

50. Suppliers to note that offers shall be submitted strictly in accordance with the requirements of tender documents. Suppliers shall upload their complete offer meeting the requirements of the tender documents on e-procurement portal <https://eprocurebhel.co.in/nicgep/app>.

Following documents need to be uploaded:

- Offer forwarding/ covering letter with Un-price bid, Deviation Sheet (Cost of Withdrawal)
- Documents required for meeting Technical PQRs (Part of Tech. Spec.)
- Bank Guarantee Format
- Local Content Certificate in line with Make in India circular
- Land Border Certificate
- Price Bid on e-procurement portal - <https://eprocurebhel.co.in/nicgep/app>



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51. It shall be the responsibility of the Supplier to ensure that the tender complete in all respects is uploaded on or before the due date and time. Incomplete/late offers shall not be considered.

All other correspondence thereof shall be addressed to the undersigned by name & designation and sent at the following address:

Vijay Pratap Chauhan /Addl.Engr. GrII- CMM
M/s Bharat Heavy Electricals Ltd.,
Project Engineering Management,
Power Project Engineering Institute,
HRD & ESI Complex,
Plot No 25, Sector-16 A, Noida-201301
E-mail: vpchauhan@bhel.in
Contact No.: 7827435728

Seema Khatri / Sr. Manager- CMM
M/s Bharat Heavy Electricals Ltd.,
Project Engineering Management,
Power Project Engineering Institute,
HRD & ESI Complex,
Plot No 25, Sector-16 A, Noida-201301
E-mail: seemakhatri@bhel.in
Contact No.: 0120-4368656

52. Terms & Conditions: - The Terms & Conditions shall be as per enclosed Special Conditions of the Contract (copy enclosed), GCC Rev 07 & Corrigendum 01 and Corrigendum 02 to GCC Rev-07 which is available on www.pem.bhel.com and other Terms and Conditions included in this Enquiry Letter.

53. All other terms and conditions shall be as per Special Conditions of Framework Agreement (Rate Contract), and GCC Rev 07 & Corrigenda-01 and Corrigenda-02 to GCC Rev 07.

In the event of any contradiction in the terms and conditions mentioned, the order of preference shall be as mentioned in clause no. 36 of GCTC of GCC Rev 07.

Note - In case you are not making an offer against this enquiry, you are requested to send a regret letter so as to reach us on or before the due date

Thanking You.
For and on behalf of BHEL

Seema Khatri
Sr. Manager/ CMM/ PEM Noida

RATE CONTRACT

TECHNICAL SPECIFICATION FOR LOCAL MOTOR STARTERS

SPECIFICATION No. PE-TS-999-506-E005

ISSUE NO. 01

REV NO. 00



**BHARAT HEAVY ELECTRICALS LIMITED
POWER SECTOR
PROJECT ENGINEERING MANAGEMENT
NOIDA, INDIA**



TECHNICAL SPECIFICATION
LOCAL MOTOR STARTERS
RATE CONTRACT

PE-TS-999-506-E005


Issue No: 01

Rev. No. 00

Date : 03.02.2025

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6	BOQ	
a)	Supply	Refer Unpriced schedule at sl. no. 9 below
b)	Spares	NA
c)	Services	NA
7	Documentation Requirement	
a)	Documents Required Along With Bid By Bidders	
b)	Documents to be submitted by Successful Bidder after award of contract along with submission schedule	
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	TECHNICAL SPECIFICATION LOCAL MOTOR STARTERS RATE CONTRACT	PE-TS-999-506-E005
		Issue No: 01
		Rev. No. 00
		Date : 03.02.2025


SCOPE

SCOPE OF THIS PACKAGE COVERS THE FOLLOWING:

SL.NO	PARAMETERS	REQUIREMENT
1	Supply Including Design, Engineering, Manufacturing of LOCAL MOTOR STARTERS	YES
a)	Main Supply	YES
b)	Commissioning Spares	NO
2	Painting	NO
3	Inspection & Testing	YES
4	Packing	YES
5	Transportation & Delivery To Site	YES
6	Erection & Commissioning	NO
7	Supervision of Erection & Commissioning	NO
8	Mandatory Spares	NO
9	O & M Service	NO
10	O & M Spares	NO

	TECHNICAL SPECIFICATION LOCAL MOTOR STARTERS RATE CONTRACT	PE-TS-999-506-E005
		Issue No: 01
		Rev. No. 00
		Date : 03.02.2025


	GENERAL TECHNICAL REQUIREMENT
1	It is not the intent to specify herein all the details of design and manufacturing. Bidder shall ensure that the offered equipment confirms in all respects to high standards of design, engineering and workmanship.
2	Bidder shall also ensure that the offered equipment shall comply with all applicable statutory and regulatory requirements.
3	In the event of any conflict between the requirements of two clauses of this specification, documents or requirements of different codes and standards specified, the more stringent requirement as per the interpretation of the owner shall apply.
5	Drawing/document submission shall be through web based Document Management System(DMS) of BHEL. Bidder would be provided access to the DMS for drawing/document submission. Bidder to ensure internet connectivity of min speed of 2Mbps at their end.
6	Drawings/ documents submitted by vendor at any stage shall be complete in all respects. Any incomplete drawing submitted shall be treated as non- submission with delays attributable to vendor. For any clarification/ discussion required to complete the drawings, the bidder shall depute his personnel to BHEL / Customer's Office as per the requirement for across the table submission/ finalizations of drawings.
7	Latest codes and standards shall be complied with as on date.
9	Bidder shall submit Quality Plan in the event of order based on their standard Quality Plan. Inspection / testing shall be witnessed as per same apart from review of various test certificates/ Inspection records etc.
10	In case, the bidder is sourcing the item/any component from outside India, the third party inspection shall be arranged by bidder at their cost and shall be deemed to be considered by the bidder in their offer.
11	Equipment must be safe, reliable and easy to maintain at all operating condition

	TECHNICAL SPECIFICATION LOCAL MOTOR STARTERS RATE CONTRACT	PE-TS-999-506-E005
		Issue No: 01
		Rev. No. 00
		Date : 03.02.2025

TECHNICAL DATA - PART - A

SL.NO	DESCRIPTION	DETAIL
1.0	DESIGN CODES & STANDARDS	
1.1	For LMS, any make's model with mark of CE/UL/VDE/CSA/BIS mark with valid CML no. is acceptable	
2.0	DESIGN /SYSTEM PARAMETERS	
2.1	Type of Local Motor Starters	
2.11	Local Motor Starters (Non-flameproof type)	Local motor starters shall be suitable for manual switching of 415 V, 3-phase, squirrel cage motors rated up to 5.5 kW. LMS shall have a degree of protection of IP-55 or better as per IS/IEC 60947.
2.12	Local Motor Starters (Flameproof type)	Flameproof type Local motor starters shall be suitable for manual switching of 415 V, 3-phase, squirrel cage motors rated up to 5.5 kW suitable for motors in hazardous areas. Flame proof type LMS shall be suitable for Group - IIC or (Group-I, Div-II as per plant area NEC) or (Class-1, Group-B, Div-II as per NEMA /IEC60034)8 and DOP- IP65 or better.
3.0	CONSTRUCTION FEATURES	
3.1	Material type	The local motor starters shall be suitable for mounting on wall or steel structures and shall be complete with push buttons, terminal blocks, anodized aluminium inscription plate, 2 nos earthing terminals, removable gland plate along with crimp type tinned copper lugs and compression type glands for cable entry from bottom. The earthing terminals shall be suitable for connection to one (1) No. 8 SWG G.I. wire.
3.2		The enclosure shall be provided with a hinged guard at the front, covering full length, to avoid inadvertent operation of push buttons. (i) CRCA/Die Cast Al: 1.6mm enclosure Or (ii) Poly Corbonate (a) Halogen Free, flame Retardant(UL-94,V0) (b) Thickness:4mm (iii) UL224 sleeved Busbars
3.3	Cable Entry	The motor starters shall be suitable for bottom cable entry and shall be provided with removable undrilled gland plates or knockouts to facilitate termination of two numbers of power cables. Adequate space shall be available inside the LMS enclosure for terminating external cables directly on pushbutton terminals.
3.4	Dimensions	Adequate space shall be available inside the LMS enclosure for terminating external cables directly on LMS terminals. Overall size of local motor starters shall be subject to BHEL approval.

3.5	Other details	<p>(a) Each starter shall comprise of :</p> <ol style="list-style-type: none"> 1. A 3-pole contactor, mechanically latched type (Utilising Category:AC3 of IS/IEC 60947). 2. Start push button, colored green. 3. Stop push button, colored red. 4. Ambient temperature compensated, thermal over load relay with single phasing protection. The continuously variable relay setting range shall be suitable for the motor rating which shall be advised to the Contractor in due course. The relay shall trip the contactor. <p>(b) The start push button, when pressed, shall preferably remain in depressed position and shall be released along with the contactor when the stop push button is pressed or when thermal overload relay operates.</p> <p>(c) Local starters shall be suitable for loop-in and loop-out of incoming cable and for one outgoing cable to motor. Support structure for mounting in local motor starters shall be supplied by the Contractor.</p> <p>(d) Lugs & Gland shall be provided along with the LMS. For flame proof type LMS, the glands shall be flameproof type. Cable glands shall be double compression type made of heavy duty brass machine finished and nickel chrome plated as per BS 6121. Cable lugs shall be of copper, heavy duty solderless crimping type as per DIN 46239.</p> <p>(e) Name plates shall be of non-rusting metal or 3-ply Lamicoid, with white engraved lettering on black background. Inscription & lettering sizes shall be subject to BHEL approval.</p> <p>(f) Mounting bracket/hardware suitable for surface mounting on wall/column/structure in LMS shall be supplied along with LMS.</p>	
4.0	PERFORMANCE PARAMETERS	NA	
5.0	INSPECTION/TESTING		
5.1	TYPE TEST CONDUCTION REQUIRED	No	
5.2	Validity of type test report	Bidder to furnish the valid type test report for ingress protection (Type test report Should not be more than 10 years old from the date of bid opening).	

	TECHNICAL SPECIFICATION LOCAL MOTOR STARTERS RATE CONTRACT	PE-TS-999-506-E004
		Issue No: 01
		Rev. No. 00
		Date : 03.02.2025

PACKING REQUIREMENT

Sl.no	DESCRIPTION
1	Type of Packing (Wood/ Steel): Wood
1.1	Individual Local Motor Starter shall be packed in corrugated box and packed corrugated box shall be kept inside the multiple wooden box suitable for loading, transportation & handling
2	Packing slip & holder:
2.1	Packing slip kept in polyethylene bag shall be placed inside the wooden box at appropriate place.
2.2	One copy of packing slip wrapped in polyethylene bag covered in galvanized iron tin sheet/ aluminium packing slip holder shall be fixed on the external surface the wooden box.



TECHNICAL SPECIFICATION
LOCAL MOTOR STARTERS
RATE CONTRACT

PE-TS-999-506-E005
Issue No. 01
Rev. No. 00
Date : 03.02.2025

DOCUMENTATION REQUIREMENT

DRAWINGS & DOCUMENTS TO BE SUBMITTED BY ALL THE BIDDERS ALONG WITH THE BID	
SI. No.	DOCUMENT TITLE
1	PQR CREDENTIALS
2	COMPLIANCE SHEET

DRAWINGS & DOCUMENTS TO BE SUBMITTED BY SUCCESSFUL BIDDER AFTER AWARD OF CONTRACT ALONG WITH SUBMISSION SCHEDULE					
SI. No.	DOCUMENT TITLE	SUBMISSION SCHEDULE			
		Vendor submission (Days)*	BHEL Comment (Days)	Vendor submission (Days)#	BHEL & Customer comment/ approval (Days)
I	Primary documents				
1	Datasheet and GA Drawings for LMS	7	3	2	18
2	QAP for LMS	7	3	2	18
II	Secondary documents				
1	Type Test Report for LMS	7	3	2	18
NOTES:					
a) * 1st submission within indicated days from date of purchase order.					
b) # Submission (within indicated days) after incorporating all BHEL comments.					
c) Primary documents shall be considered for Delay analysis					

DRAWINGS & DOCUMENTS TO BE SUBMITTED AS FINAL/AS-BUILT DOCUMENT	
SI. No.	DOCUMENT TITLE
1	APPROVED DOCUMENTS
2	APPROVED QUALITY PLAN.
3	ALL TEST CERTIFICATES



TECHNICAL SPECIFICATION
LOCAL MOTOR STARTERS
RATE CONTRACT

PE-TS-999-506-E005

Issue No. 01

Rev. No. 00

Date : 03.02.2025

COMPLIANCE CERTIFICATE

1	It is hereby confirm that the technical specification has been read, understood. We confirm compliance to the tender specification including any clarification and amendments without any deviation.
2	It is hereby declared that any technical submittals which was not specifically asked for in NIT shall stand withdrawn.

Signature of authorised Representative

Name and Designation :

Name & Address of the Bidder

Date

	TECHNICAL SPECIFICATION LOCAL MOTOR STARTERS RATE CONTRACT	PE-TS-999-506-E005
		Issue No: 01
		Rev. No. 00
		Date : 03.02.2025

UNPRICED SCHEDULE

Sr. No.	Item description	Unit	Quantity (metres)	UNIT PRICE (EX-WORKS) (Rs)	TOTAL PRICE (EX-WORKS)	REMARKS
A	Main Supply					
1	LOCAL MOTOR STARTERS 0.37 KW	NOS	230	(X*0.0695)/230	X*0.0695	
2	LOCAL MOTOR STARTERS 0.55 KW	NOS	610	(X*0.18421)/610	X*0.18421	
3	LOCAL MOTOR STARTERS 0.75 KW	NOS	460	(X*0.1393)/460	X*0.1393	
4	LOCAL MOTOR STARTERS 1.1 KW	NOS	430	(X*0.1305)/430	X*0.1305	
5	LOCAL MOTOR STARTERS 1.5 KW	NOS	330	(X*0.1001)/330	X*0.1001	
6	LOCAL MOTOR STARTERS 2.2 KW	NOS	580	(X*0.1762)/580	X*0.1762	
7	LOCAL MOTOR STARTERS 3.7 KW	NOS	190	(X*0.0578)/190	X*0.0578	
8	LOCAL MOTOR STARTERS 5.5 KW	NOS	290	(X*0.0885)/290	X*0.0885	
9	LOCAL MOTOR STARTERS 1.5 KW (FLAME PROOF)	NOS	80	(X*0.02689)/80	X*0.02689	
10	LOCAL MOTOR STARTERS 2.2 KW (FLAME PROOF)	NOS	80	(X*0.027)/80	X*0.027	
	'TOTAL PRICE (EX-WORKS)				X	
	Note:					
a)	Bidder has to quote only Total Value 'X'. Based on this price, unit price shall be derived for all items as per formula indicated above.					

	TECHNICAL SPECIFICATION LOCAL MOTOR STARTERS RATE CONTRACT	PE-TS-999-506-E005
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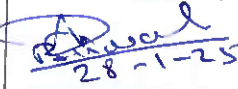
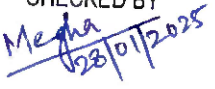


PRE QUALIFICATION REQUIREMENT (TECHNICAL)

	PRE-QUALIFICATION REQUIREMENTS FOR LOCAL MOTOR STARTER	PE-PQ-999-506-E005
		REVISION NO. 01 DATE 28/01/2025
		SHEET NO. 1 OF 1

ITEMS : Vendor may be considered for evaluation for one or more of the following type of Local Motor Starter:	
Type 1 : Non-Flame Proof Local Motor Starter	
Type 2 : Flame Proof Local Motor Starter	
SCOPE: Supply : YES; Erection & Commissioning : NO;	
1.	Vendor should be a manufacturer of Local Motor Starter. In case Vendor is not the manufacturer, their offer shall be evaluated as per Note no. 1 of PQR.
2.	Availability of type test certificates conducted at independent Lab or witnessed by third party for the applicable type of Local Motor Starter as per IS.
3.	Vendor should have capacity to supply 100 No's of Local Motor Starter per month.
4.	For Type 1 - Supplied at least 200 No's of Local Motor Starter. For Type 2 - Supplied at least 25 No's of Flame Proof Local Motor Starter.
5.	Minimum two (2) nos. purchase orders for supply of Local Motor Starter shall be submitted which should not be more than five (5) years old from the date of application for registration or date of techno-commercial bid opening (as applicable) for establishing continuity in business.

NOTES:

1. In case Bidder is not Manufacturer, then credentials of Local Motor Starter manufacturer (OEM) can also be considered for meeting PQR points 1 to 4 except for PQR criteria at Sl. No.5 for which bidder's credentials shall be evaluated. Bidder to furnish the authorisation letter from the OEM along with the scope matrix (Defining supply, logistics, testing, warranty, etc responsibilities) along with the offer. For scope matrix technical specification shall be referred to. Bidder to note arrangement of the bidding w.r.t OEM, once offered to BHEL as part of bidding documents cannot be changed till the completion of execution of the Rate contract/Project Specific (as applicable) agreement. Also dispatch of Local Motor Starter shall be from Manufacturer works only.
2. Consideration of offer shall be subject to customer's approval of bidders, if applicable.
3. Bidder to submit all supporting documents in English. If documents submitted by bidder are in language other than English, a self- attested English translated document should also be submitted.
4. Notwithstanding anything stated above, BHEL reserves the right to assess the capabilities and capacity of the bidder to perform the contract, should the circumstances warrant such assessment in the overall interest of BHEL.
5. After satisfactory fulfilment of all the above criteria/ requirement, offer shall be considered for further evaluation as per NIT and all other terms of the tender.

PREPARED BY  28-1-25 ABHINAV BANSHIWALA SR. MANAGER	CHECKED BY  28/01/2025 MEGHA SR. MANAGER.	REVIEWED BY  28/01/25 SANDEEP LODH A.G.M.	APPROVED BY  29/1/25 DEBASISA RATH G.M.(ELEC)
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PRICE SCHEDULE OF LOCAL MOTOR STARTERS FOR FRAMEWORK AGREEMENT (RATE CONTRACT)



BHEL / PEM / CMM

SPECIAL CONDITIONS OF CONTRACT OF FRAMEWORK AGREEMENT (RATE CONTRACT) FOR LOCAL MOTOR STARTERS

1. This tender is issued by BHEL PEM for Framework Agreement (Rate Contract) of LOCAL MOTOR STARTERS required at various BHEL project sites on behalf of various BHEL units. Framework Agreement (Rate Contract) validity for ordering shall be two years from the purchase order for Rate Contract.
2. Framework Agreement (Rate Contract) shall be finalized only with suppliers who are registered with BHEL-PEM. Suppliers who are not registered with BHEL-PEM (suppliers already registered with other BHEL Units shall also be required to apply registration in BHEL PEM) needs to apply & get registered for subject package with PEM before Reverse Auction & hence they need to apply online for registration on PEM web portal & have to enclose acknowledgement with the bid documents else their bid may not be considered for evaluation.

The Suppliers who are not registered with BHEL-PEM may apply for registration in BHEL-PEM through Registration Portal available at <https://bhel.com/supplier-registration> .

All credentials and/ or documents duly signed & stamped related to registration has to be uploaded on the website & submit the application for registration. One set of hard copy filled-up SRF downloaded from Online Registration Portal duly signed & stamped has to be submitted.

3. Framework Agreement (Rate contract) is proposed to be done with 2 suppliers in ratio of 70:30 value wise at L1 F.O.R. Site Price (Ex-works + freight) for this package. However, order for a project shall not be split.
4. Quantity variation shall be applicable as +/- 30 % of the contract value. Suppliers shall be informed that the quantities indicated in the tender are tentative quantities. No minimum quantity is guaranteed by BHEL.
5. This tender is issued by BHEL PEM for Framework Agreement (Rate Contract) of LOCAL MOTOR STARTERS required at various BHEL project sites on behalf of various BHEL units. All Suppliers shall note the following: –
 - a) As and when requirement arises, the concerned Purchase Department of respective BHEL unit will place order directly on the Supplier against the Framework Agreement (Rate Contract).
 - b) The drawings/ documents submission & approval, submission of Performance Security/ Performance Bank Guarantee, submission of invoices, processing and release of payment after supply of material, contractual dispute & commercial matters shall be dealt as per Framework Agreement (Rate Contract) contract terms & conditions directly by Purchase Department of respective BHEL unit, who has placed the Purchase Order against the Rate Contract.
6. Details of consignee and project site information for dispatch of material shall be intimated at the time of placement of PO for specific project after finalization of RC.
7. The items will be required against respective projects. Exact quantities and Project information shall be intimated while placing Purchase Order for a specific project based on the Rate Contract.
8. Price Variation shall not be applicable for the subject package.
9. Inspection of materials shall be carried out by BHEL/ CQA and or by Customer or by an Authorized Agency at manufacture's works before dispatch, if required. Dispatch of material to be done, only after receipt of BHEL/ Customer MDCC. It is responsibility of Supplier to obtain Material Dispatch Clearance Certificate (MDCC) from BHEL or Customer as required before dispatch of material.
10. Supplier shall give inspection call on BHEL-CQS web site to applicable inspection agency with a copy of inspection call to BHEL for arranging Customer participation (if applicable) in inspection / Joint inspection on the proposed date with an advance notice of 15 working days. Inspection charges shall be paid by BHEL.



BHEL / PEM / CMM

SPECIAL CONDITIONS OF CONTRACT OF FRAMEWORK AGREEMENT (RATE CONTRACT) FOR LOCAL MOTOR STARTERS

11. Items have to be manufactured as per the specification and supplied strictly in accordance with the approved BHEL/ Customer's Drawings & Quality Plan. The items/ test certificate of items, which for any reason are not acceptable to BHEL/ Customer, shall be required to be retested. No extra charge shall be payable on those account by BHEL.
12. Other terms and conditions shall be as per Standard Technical Specification no. PE-TS-999-506-E005, GCC Rev. 07, Corrigenda 01 & Corrigenda 02 to GCC Rev 07 and Enquiry Letter.
13. This Enquiry is subject to Conditions/ limits if any imposed in BHEL-PEM PMD/ Supplier registration.
14. Tentative quantity is given in the Enquiry.
15. Suppliers to submit offer for RC of said items ONLINE via BHEL-GePNIC Portal only. Suppliers to upload tender documents complete in all respects duly signed & stamped on each and every page by the authorized signatory of the Supplier as a token of acceptance of all the terms and conditions of tender.
16. The Supplier along with its associate/ collaborators/ sub-contractors/ sub-Supplier/ consultants/ service providers shall strictly adhere to BHEL Fraud Prevention Policy displayed on BHEL web site <http://www.bhel.com> and shall immediately bring to the notice of BHEL Management about any fraud as soon as it comes to their notice.

ANNEXURE-A	
List of projects considered for rate contract of Local Motor Starter	
1	2X660MW NTPC TALCHER STPS
2	2X800 MW LARA STPS
3	2X800 MW SINGRAULI STPS
4	2X800 MW DVC KODERMA THERMAL POWER STATION PHASE-II
5	1X800 MW SIPAT STPP STAGE-III PROJECT
6	1X800 MW EPC PACKAGE FOR DARLIPALI STPP, STAGE-II
7	3X800MW TELANGANA

To be given on Letter head of Bidder

Ref:

Date:

To,

Bharat Heavy Electricals Limited
PEM, PPEI Building,
Plot No 25, Sector -16A
Noida (U.P)-201301

Reference:

Order no-F6/18/2019-PPD dated 23.07.2020 issued by Ministry of Finance.

Tender Enquiry No-.....

Offer No-.....

Name of Package:

Dear Sir,

I have read the clause regarding restriction on procurement from a bidder of a country which shares a land border with India. I hereby certify that Company name, is not from such a country and is eligible to be considered.

Thanking You,

Yours faithfully,

(Company director seal and signature)

Format for Local Content Certificate as per MII order

Ref:

Date:

To,

Bharat Heavy Electricals Limited

PEM, PPEI Building,

Plot No 25, Sector -16A

Noida (U.P)-201301

Reference: Tender Enquiry No-.....

Name of Package:

Dear Sir,

We hereby certify that items of(Package name)

for.....(Project Name) offered by M/s(bidder's name)

having its works/office at has local content of%. Further,

it is also certified that the local content percentage (%) certified above is in line with definition of local content given in point no 2 of Public Procurement (Preference to Make in India), Order 2017- revision, having ref. no. P-45021/2/2017-PP(BE-II)-Part(4) Vol.II dated 04.06.2020 & 19.07.2024 an

M/s..... qualifies as Class-I local supplier.

Further, cost of locally imported items (inclusive of taxes) sourced locally from resellers/ distributors

is Rs and cost of licence/royalty paid/technical expertise cost etc. source from outside of India

is Rs.....

Details of the location(s) at which the local value addition-

Yours very truly

..... (Signing Authority Name & Sign)

..... (Firm Name)