

Bid Document/ बिड दस्तावेज़

Bid Details/बिड विवरण	
Bid End Date/Time/बिड बंद होने की तारीख/समय	27-06-2024 11:00:00
Bid Opening Date/Time/बिड खुलने की तारीख/समय	27-06-2024 11:30:00
Bid Offer Validity (From End Date)/बिड पेशकश वैधता (बंद होने की तारीख से)	180 (Days)
Ministry/State Name/मंत्रालय/राज्य का नाम	Ministry Of Heavy Industries And Public Enterprises
Department Name/विभाग का नाम	Department Of Heavy Industry
Organisation Name/संगठन का नाम	Bharat Heavy Electricals Limited (bhel)
Office Name/कार्यालय का नाम	10250020-pem, Noida
Total Quantity/कुल मात्रा	10
Item Category/मद केटेगरी	TERM. KIT 6.6KV 3C-240 AL ARM. CU LUG
Years of Past Experience Required for same/similar service/उन्हीं/समान सेवाओं के लिए अपेक्षित विगत अनुभव के वर्ष	1 Year (s)
MSE Exemption for Years of Experience and Turnover/ अनुभव के वर्ष से एमएसई छूट	No
Startup Exemption for Years of Experience and Turnover/ अनुभव के वर्ष से स्टार्टअप छूट	No
Document required from seller/विकेता से मांगे गए दस्तावेज़	Experience Criteria, Past Performance, Certificate (Requested in ATC), Compliance of BoQ specification and supporting document *In case any bidder is seeking exemption from Experience / Turnover Criteria, the supporting documents to prove his eligibility for exemption must be uploaded for evaluation by the buyer
Past Performance/विगत प्रदर्शन	10 %
Bid to RA enabled/बिड से रिवर्स नीलामी सक्रिय किया	Yes
RA Qualification Rule	H1-Highest Priced Bid Elimination
Type of Bid/बिड का प्रकार	Two Packet Bid
Time allowed for Technical Clarifications during technical evaluation/तकनीकी मूल्यांकन के दौरान तकनीकी स्पष्टीकरण हेतु अनुमत समय	3 Days

Bid Details/बिड विवरण	
Inspection Required (By Empanelled Inspection Authority / Agencies pre-registered with GeM)	No
Payment Timelines	Payments shall be made to the Seller within 90 days of issue of consignee receipt-cum-acceptance certificate (CRAC) and on-line submission of bills (This is in supersession of 10 days time as provided in clause 12 of GeM GTC)
Evaluation Method/मूल्यांकन पद्धति	Total value wise evaluation

EMD Detail/ईएमडी विवरण

Required/आवश्यकता	No
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ePBG Detail/ईपीबीजी विवरण

Required/आवश्यकता	No
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Splitting/विभाजन

Bid splitting not applied/बोली विभाजन लागू नहीं किया गया.

MII Purchase Preference/एमआईआई खरीद वरीयता

MII Purchase Preference/एमआईआई खरीद वरीयता	No
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MSE Purchase Preference/एमएसई खरीद वरीयता

MSE Purchase Preference/एमएसई खरीद वरीयता	Yes
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1. Experience Criteria: In respect of the filter applied for experience criteria, the Bidder or its OEM {themselves or through reseller(s)} should have regularly, manufactured and supplied same or similar Category Products to any Central / State Govt Organization / PSU for number of Financial years as indicated above in the bid document before the bid opening date. Copies of relevant contracts to be submitted along with bid in support of having supplied some quantity during each of the Financial year. In case of bunch bids, the category of primary product having highest value should meet this criterion.

2. Purchase preference will be given to MSEs having valid Udyam Registration and whose credentials are validated online through Udyam Registration portal as defined in Public Procurement Policy for Micro and Small Enterprises (MSEs) Order, 2012 dated 23.03.2012 issued by Ministry of Micro, Small and Medium Enterprises and its subsequent Orders/Notifications issued by concerned Ministry. If the bidder wants to avail themselves of the Purchase preference, the bidder must be the manufacturer / OEM of the offered product on GeM. Traders are excluded from the purview of Public Procurement Policy for Micro and Small Enterprises and hence resellers offering products manufactured by some other OEM are not eligible for any purchase preference. In respect of bid for Services, the bidder must be the Service provider of the offered Service. Relevant documentary evidence in this regard shall be uploaded along with the bid in respect of the offered product or service and Buyer will decide

eligibility for purchase preference based on documentary evidence submitted, while evaluating the bid. If L-1 is not an MSE and MSE Seller (s) has / have quoted price within L-1+ 15% (Selected by Buyer) of margin of purchase preference /price band defined in relevant policy, such MSE Seller shall be given opportunity to match L-1 price and contract will be awarded for 100% (selected by Buyer) percentage of total quantity. The buyers are advised to refer the OM No. F.1/4/2021-PPD dated 18.05.2023 [OM No.1_4_2021_PPD_dated_18.05.2023](#) for compliance of Concurrent application of Public Procurement Policy for Micro and Small Enterprises Order, 2012 and Public Procurement (Preference to Make in India) Order, 2017. Benefits of MSE will be allowed only if seller is validated on-line in GeM profile as well as validated and approved by Buyer after evaluation of documents submitted.

3. Estimated Bid Value indicated above is being declared solely for the purpose of guidance on EMD amount and for determining the Eligibility Criteria related to Turn Over, Past Performance and Project / Past Experience etc. This has no relevance or bearing on the price to be quoted by the bidders and is also not going to have any impact on bid participation. Also this is not going to be used as a criteria in determining reasonableness of quoted prices which would be determined by the buyer based on its own assessment of reasonableness and based on competitive prices received in Bid / RA process.

4. Past Performance: The Bidder or its OEM {themselves or through re-seller(s)} should have supplied same or similar Category Products for 10% of bid quantity, in at least one of the last three Financial years before the bid opening date to any Central / State Govt Organization / PSU. Copies of relevant contracts (proving supply of cumulative order quantity in any one financial year) to be submitted along with bid in support of quantity supplied in the relevant Financial year. In case of bunch bids, the category related to primary product having highest bid value should meet this criterion.

5. Reverse Auction would be conducted amongst all the technically qualified bidders except the Highest quoting bidder. The technically qualified Highest Quoting bidder will not be allowed to participate in RA. However, H-1 will also be allowed to participate in RA in following cases:

- i. If number of technically qualified bidders are only 2 or 3.
- ii. If Buyer has chosen to split the bid amongst N sellers, and H1 bid is coming within N.
- iii. In case Primary product of only one OEM is left in contention for participation in RA on elimination of H-1.
- iv. If L-1 is non-MSE and H-1 is eligible MSE and H-1 price is coming within price band of 15% of Non-MSE L-1
- v. If L-1 is non-MII and H-1 is eligible MII and H-1 price is coming within price band of 20% of Non-MII L-1

TERM. KIT 6.6KV 3C-240 AL ARM. CU LUG (10 pieces)

Technical Specifications/तकनीकी विविधियाँ

Buyer Specification Document/क्रेता विविधि दस्तावेज	Download
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Consignees/Reporting Officer/प्रेषिती/रिपोर्टिंग अधिकारी and/ तथा Quantity/मात्रा

S.No./क्र. सं.	Consignee Reporting/Officer/ प्रेषिती/रिपोर्टिंग अधिकारी	Address/पता	Quantity/मात्रा	Delivery Days/डिलीवरी के दिन
1	Shri Prakash Yadav	284305,2x210 MW Parichha-II TPS, Jhansi, Uttar Pradesh 284305	10	120

Buyer Added Bid Specific Terms and Conditions/क्रेता द्वारा जोड़ी गई बिड की विशेष शर्तें

1. Generic

OPTION CLAUSE: The Purchaser reserves the right to increase or decrease the quantity to be ordered up to 25 percent of bid quantity at the time of placement of contract. The purchaser also reserves the right to increase the ordered quantity by up to 25% of the contracted quantity during the currency of the contract at the contracted rates. Bidders are bound to accept the orders accordingly.

2. Buyer Added Bid Specific ATC

Buyer uploaded ATC document [Click here to view the file.](#)

3. Certificates

Bidder's offer is liable to be rejected if they don't upload any of the certificates / documents sought in the Bid document, ATC and Corrigendum if any.

4. Certificates

The bidder is required to upload, along with the bid, all relevant certificates such as BIS licence, type test certificate, approval certificates and other certificates as prescribed in the Product Specification given in the bid document.

5. Inspection

Nominated Inspection Agency: On behalf of the Buyer organization, any one of the following Inspection Agency would be conducting inspection of stores before acceptance:
Pre-dispatch Inspection at Seller Premises (applicable only if pre-dispatch inspection clause has been selected in ATC):

At vendor works

Post Receipt Inspection at consignee site before acceptance of stores:
NA

6. Generic

Bidders are advised to check applicable GST on their own before quoting. Buyer will not take any responsibility in this regards. GST reimbursement will be as per actuals or as per applicable rates (whichever is lower), subject to the maximum of quoted GST %.

Disclaimer/अस्वीकरण

The additional terms and conditions have been incorporated by the Buyer after approval of the Competent Authority in Buyer Organization, whereby Buyer organization is solely responsible for the impact of these clauses on the bidding process, its outcome, and consequences thereof including any eccentricity / restriction arising in the bidding process due to these ATCs and due to modification of technical specifications and / or terms and conditions governing the bid. If any clause(s) is / are incorporated by the Buyer regarding following, the bid and resultant contracts shall be treated as null and void and such bids may be cancelled by GeM at any stage of bidding process without any notice:-

1. Definition of Class I and Class II suppliers in the bid not in line with the extant Order / Office Memorandum issued by DPIIT in this regard.
2. Seeking EMD submission from bidder(s), including via Additional Terms & Conditions, in contravention to exemption provided to such sellers under GeM GTC.
3. Publishing Custom / BOQ bids for items for which regular GeM categories are available without any Category item bunched with it.
4. Creating BoQ bid for single item.

5. Mentioning specific Brand or Make or Model or Manufacturer or Dealer name.
6. Mandating submission of documents in physical form as a pre-requisite to qualify bidders.
7. Floating / creation of work contracts as Custom Bids in Services.
8. Seeking sample with bid or approval of samples during bid evaluation process. (However, in bids for attached categories, trials are allowed as per approved procurement policy of the buyer nodal Ministries)
9. Mandating foreign / international certifications even in case of existence of Indian Standards without specifying equivalent Indian Certification / standards.
10. Seeking experience from specific organization / department / institute only or from foreign / export experience.
11. Creating bid for items from irrelevant categories.
12. Incorporating any clause against the MSME policy and Preference to Make in India Policy.
13. Reference of conditions published on any external site or reference to external documents/clauses.
14. Asking for any Tender fee / Bid Participation fee / Auction fee in case of Bids / Forward Auction, as the case may be.

Further, if any seller has any objection/grievance against these additional clauses or otherwise on any aspect of this bid, they can raise their representation against the same by using the Representation window provided in the bid details field in Seller dashboard after logging in as a seller within 4 days of bid publication on GeM. Buyer is duty bound to reply to all such representations and would not be allowed to open bids if he fails to reply to such representations.

[This Bid is also governed by the General Terms and Conditions/ यह बिड सामान्य शर्तों के अंतर्गत भी शासित है](#)

In terms of GeM GTC clause 26 regarding Restrictions on procurement from a bidder of a country which shares a land border with India, any bidder from a country which shares a land border with India will be eligible to bid in this tender only if the bidder is registered with the Competent Authority. While participating in bid, Bidder has to undertake compliance of this and any false declaration and non-compliance of this would be a ground for immediate termination of the contract and further legal action in accordance with the laws./जेम की सामान्य शर्तों के खंड 26 के संदर्भ में भारत के साथ भूमि सीमा साझा करने वाले देश के बिडर से खरीद पर प्रतिबंध के संबंध में भारत के साथ भूमि सीमा साझा करने वाले देश का कोई भी बिडर इस नियिदा में बिड देने के लिए तभी पात्र होगा जब वह बिड देने वाला सक्षम प्राधिकारी के पास पंजीकृत हो।बिड में भाग लेते समय बिडर को इसका अनुपालन करना होगा और कोई भी गलत घोषणा किए जाने व इसका अनुपालन न करने पर अनुबंध को तत्काल समाप्त करने और कानून के अनुसार आगे की कानूनी कार्रवाई का आधार होगा।

---Thank You/धन्यवाद---

Index of Annexures

GeM Tender Enquiry for CABLE TERMINATION AND JOINING KITS for 2x 210 MW Parichha ESP R&M

Sl. No.	Description	Annexures
1..	Land border certificate	Annexure I
2.	Technical PQR	Annexure II
3.	BOQ	Annexure III
3.	Technical Specification	Annexure-IV

Annexure I

An undertaking regarding Model Clauses on company letter head only

(To be provided along with bid)

Reference: NIT No.-

Package: - CABLE TERMINATION AND JOINTING KITS

Project: 2x210 MW ESP R&M Parichha

TO WHOM SO IT MAY CONCERN

This is with reference to Ministry of Finance circular dated 23.02.23 reg. restriction under rule 144 (xi) of GFR.

“I have read the clause regarding restrictions on procurement from a bidder of a country which shares a land border with India. I hereby certify that M/s (bidder name) is not from such a country and is eligible to be considered/participate in tender enquiry for against aforesaid tender enquiry.

Sign & Signature (Not below Director/owner of the company)

Date:

Place:

	PRE-QUALIFICATION REQUIREMENTS FOR CABLE TERMINATION & JOINING KITS 2X210MW PARICHHAA R&M FGD	PE-PQ-503-507-E004 REVISION NO. 00 DATE 10.06.2024 Page 1 of 2
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ITEMS: Cable termination and jointing kits.

Vendor may be considered for evaluation for one or more type of cable termination kits (Voltage Grade 3.3/6.6/11/33 kV) and Jointing kits (Voltage Grade 1.1/3.3/6.6/11/33 kV): (Voltage Grade 3.3/6.6/11/33 kV)

- Type 1 – Heat shrinkable [termination Kits & jointing kits]
- Type 2 – Pre-moulded push on [termination kits]
- Type 3 – Cold Shrinkable [termination Kits & jointing kits]

SCOPE: Supply: YES; Erection & Commissioning: NO;

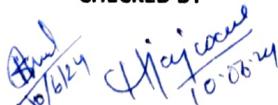
1	Vendor should be manufacturer of applicable type of Cable termination and jointing kits.
2	Availability of type test certificates as per applicable standards for the applicable type of cable termination and jointing kits.
3	Vendor should have in house facility for manufacturing and routine & acceptance testing for the applicable type of termination and jointing kits.
4	Vendor should have capacity to manufacture 10 nos. cable termination and jointing kits per month for the applicable type of cable termination and jointing kits.
5	Manufactured & supplied at least 50 nos. cable termination and jointing kits of applicable type in one or more orders.
6	Minimum two (2) nos. purchase orders for cable termination and jointing kits of applicable type shall be submitted which should not be more than five (5) years old from the date of technology-commercial bid opening for establishing continuity in business.

Notes:

1. For Sl. No: 1 & 3 vendor to furnish credentials for applicable type of Cable termination and jointing kits for assessment of manufacturing range of the vendor (i.e. for up to which voltage grade and conductor cross-section area).
2. For Sl. No: 2, 4, 5 & 6 vendor to furnish credentials for applicable type of Cable termination and jointing kits of any of the voltage grades as mentioned above.
3. For Sl. No. 6, vendor to furnish credentials of their own. OEM Credentials are not acceptable for same.

Notes (General points of PQR):

1. Offers of the JV companies/ Joint Bidders/ bidders having collaboration/ licensing agreement/ MOU/ Indian subsidiaries shall be evaluated as follows:

PREPARED BY	CHECKED BY	REVIEWED BY	APPROVED BY
 MANORAMA SINGH ENGINEER	 KHUSHBU AGARWAL (SR.MGR)/ NARENDRA NATH JAJWARI (SR. MGR)	 PRAVEEN DUTTA AGM	 DEBASISH RATH DH ELECTRICAL

	PRE-QUALIFICATION REQUIREMENTS FOR CABLE TERMINATION & JOINING KITS 2X210MW PARICHHA R&M FGD	PE-PQ-503-507-E004 REVISION NO. 00 DATE 10.06.2024 Page 2 of 2

- If bidder happens to be an Indian subsidiaries of foreign OEM, then the credentials of the foreign OEM can also be considered for meeting PQR.
- If bidder happens to be the Joint Venture Company, then the credentials of any of JV partners can be also considered for meeting PQR.
- If bidder happens to bid jointly with their partner, then credentials of both the partners will be considered for meeting PQR as per distribution of the work. In all such cases, lead bidder as specified in bid documents shall be responsible for overall execution of the contract and all guarantee/ warranty.
- If bidder happens to be the having valid collaboration agreement/ MOU/ licensing agreement with some other company, then the credentials of collaborator/ MOU partner/ licensing company can also be considered for meeting PQR.

Note: If bidder(s) qualifies on the basis of credentials of his principal/ JV partner/ Collaborator/ joint bidder etc., then the principal/ JV partner/ Collaborator/ MOU partner/ joint bidder shall be responsible for overall design vetting and warranty/ guarantee of the package. The scope matrix clearly defining their respective roles including design vetting, manufacturing of critical component, E&C etc. etc. and warranty/ guarantee shall be submitted along with the offer.

2. Bidder to note that the arrangement of bidding (joint bid partners/ collaborator/ MOU partner/ licensing company etc.) once offered to BHEL as a part of bidding documents cannot be changed till the execution of the project.
3. Consideration of offer shall be subject to customer's approval of bidders, if applicable
4. 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.
5. 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.
6. After satisfactory fulfilment of the above criteria/ requirement, offer shall be considered for further evaluation as per NIT and all the other terms of tender.

PREPARED BY	CHECKED BY	REVIEWED BY	APPROVED BY
MANORAMA SINGH ENGINEER <i>10/6/24</i>	KHUSHBU AGARWAL (SR.MGR)/ NARENDRA NATH JAJWARI (SR. MGR) <i>10/6/24</i>	PRAVEEN DUTTA AGM <i>10/6/24</i>	DEBASIS RATH DH ELECTRICAL <i>10/6/24</i>

2X210MW PARICHHA R&M FGD
BOQ CUM PRICE SCHEDULE FOR CABLE TERMINATION KITS

S. No.	ITEM CODE	ITEM DESCRIPTION	UNIT	ORDER QUANTITY
1	507-24656-A	TERM. KIT 6.6KV 3C-240 AL ARM. CU LUG	NOS.	10

Notes:

- 1 The ordered quantities indicated above shall be released for manufacture along with PO/LOI.
- 2 Manufacturing of ordered quantities shall be done as per NIT.
- 3 Delivery shall be as per NIT.
- 4 Bidder to offer higher voltage grade termination kits (for which applicable type test certificates are available with them), if they cannot produce relevant type test certificates for particular kits conducted in any govt. / govt. approved lab.

NATIONAL THERMAL POWER CORPORATION (NTPC)

2X210MW PARICHHA R&M FGD

TECHNICAL SPECIFICATION

FOR

***CABLE TERMINATION
KITS***

SPECIFICATION NO: PE-TS-503-507-E014

REVISION: 0



**BHARAT HEAVY ELECTRICALS LIMITED
POWER SECTOR
PROJECT ENGINEERING MANAGEMENT
NOIDA, UP (INDIA) – 201301**



**TECHNICAL SPECIFICATION FOR
CABLE TERMINATION KIT**

SPECIFICATION NO. PE-TS-503-507-E014

VOLUME II

SECTION

REVISION 00

DATE: 22.05.2024

SHEET 1 OF 1

CONTENTS

SI. No.	DESCRIPTION	NO. OF SHEETS
	SECTION- I	
	CONTENT SHEET'	01
	COMPLIANCE CERTIFICATE	01
	SPECIFIC TECHNICAL REQUIREMENTS	02
	DATA SHEET – A	01

Total nos. of sheets (including cover and separator sheets) = 06 sheets

360821/2024/PS-PEM-EL



**TECHNICAL SPECIFICATION FOR
CABLE TERMINATION KIT**

SPECIFICATION NO. PE-TS-503-507-E014

VOLUME II

SECTION I

REVISION 00

DATE: 28.05.2023

SHEET 1 of 1

COMPLIANCE CERTIFICATE

The bidder shall confirm compliance to the following by signing/ stamping this compliance certificate and furnishing same with the offer.

1. The scope of supply, technical details, construction features, design parameters etc. shall be as per technical specification & there are no exclusion/ deviation with regard to same.
2. There are no deviation with respect to specification.
3. Only those technical submittals which are specifically asked for in NIT to be submitted at tender stage shall be considered as part of offer. Any other submission, even if made, shall not be considered as part of offer.
4. Any comments/ clarifications on technical/ inspection requirements furnished as part of bidder's covering letter shall not be considered by BHEL, and bidder's offer shall be construed to be in conformance with the specification.
5. Any changes made by the bidder in the price schedule with respect to the description/ quantities from those given in 'BOQ-Cum-Price schedule' shall not be considered.

BIDDER'S STAMP & SIGNATURE

360821/2024/PS-PEM-EL



TECHNICAL SPECIFICATION FOR CABLE TERMINATION KIT

SPECIFICATION NO. PE-TS-503-507-E014

REVISION 00 DATE: 28.05.2024

SHEET 1 OF 2

SPECIFIC TECHNICAL REQUIREMENTS

1.0 SCOPE OF ENQUIRY

1.1 Design, manufacture, inspection and testing at manufacturer's works, proper packing and delivery to site of Cable Termination Kit conforming to this specification.

1.2 Technical requirements of Cable Termination Kit are indicated in technical specification.

2.0 BILL OF QUANTITIES

2.1 The bidder to quote for items as per price schedule attached with NIT.

3.0 DRAWINGS & DOCUMENTS TO BE SUBMITTED

3.1 Documents required after award of LOI/PO shall be follows (to be submitted by successful bidder):

DOCUMENTS SUBMISSION SCHEDULE

BHEL Drawing No.	Drawing Title	Vendor Sub (Days)*	Bhel comment (Days)	Vendor Sub (Days)†	Bhel and Customer comment/approval (Days)
Primary Documents					
PE-V0-503-507-E904	QUALITY PLAN FOR CABLE TERMINATION & JOINTING KITS	5	5	5	15
PE-V0-503-507-E032	TECHNICAL DATA SHEET & GA OF CABLE TERMINATION & JOINTING KITS	5	5	5	15
PE-V0-503-507-E033	TYPE TEST REPORT / CERTIFICATES	5**	5**	5**	15**
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					
d) ** Primary/Secondary : Case 1: If Type Test Report is available and Type test conduction is not required as per technical Specification, Type test report to be submitted as above. Case 2: If Type Test Report is not available as per technical Specification, Newly conducted test report to be submitted as below: R-0 within 02 months of approval of other primary drawing/documents & subsequent revisions within 10 days of comments received from BHEL. BHEL shall furnish comments / approval on each submission within 18 days from receipt. Case 3: For the cases where earlier conducted Type test reports are available as per technical Specification, however the Type Test need to be conducted as per contractual requirement, Type Test Report to be submitted within 1 week of type test conduction & subsequent revisions within 10 days of comments received from BHEL. BHEL shall furnish comments / approval on each submission within 18 days from receipt.					
** For Cases 1 & 2 above, the document shall be "Primary" and for Case - 3 the document shall be "Secondary"					

3.2 a) Type test report for 6.6 kV. Test Report should not be older than 10 years from the date of bid opening i.e. 16.09.2022.

b) In case bidder is not able to submit report of type test(s), or in case type tests report(s) are not found to be meeting the specification/ relevant standard requirements, then all such tests shall be conducted under this contract by the bidder free of cost to BHEL, and reports shall be submitted for approval. No charges shall be paid for testing under such circumstances.



**TECHNICAL SPECIFICATION FOR
CABLE TERMINATION KIT**

SPECIFICATION NO. PE-TS-503-507-E014

REVISION 00 DATE: 28.05.2024

SHEET 2 OF 2

c) Kit contents shall be supplied from the same source as were used for type testing.

3.3 Documents shall be furnished through BHEL's document management system (wrench) portal.

Notes:

1. Vendor shall submit the dates for drawing/document submission/BHEL comments/ resubmission after approval of documents.
2. In BOM each of the item to be uniquely identified with item code no. or item Sl. No. Supplier to ensure that all the items which will find separate mention in the packing list are covered in detailed BOM. Supplier to give following undertaking in BOM: " The BOM provided here completes the scope (in content and intent) of material supply under PO no. ---- dtd ----- Any additional material which may become necessary for the intended application of supplied item/package will be supplied free of cost in most reasonable time."
3. At contract stage, the successful bidder shall submit the Quality Plan for BHEL/ ultimate customer's approval. In case bidder has reference, Quality Plan agreed with ultimate customer, same can be submitted for specific project after award of contract for BHEL/ ultimate customer's approval. There shall be no commercial implication to BHEL on account of Quality plan approval.
4. Termination shall have provision for shield connection and earthing, wherever cable screening is specified.
5. Cable glands are excluded from the scope of supply of termination kit.
6. Bidder to offer higher voltage grade termination kit, if they cannot produce relevant type test certificates for particular kits conducted in any govt. / govt. approved lab, without any price implication.
7. **PACKING:**
Individual parts of termination kit shall be packed in strong plastic bags to protect them from ingress of dust & moisture. Further total kits shall be placed in a strong cardboard container to protect it against damage during transit, storage for prolonged periods and handling. It shall have proper marking over the box for early identification.



TECHNICAL SPECIFICATION FOR CABLE TERMINATION KIT

SPECIFICATION NO. PE-TS-503-507-E014

VOLUME II

SECTION I

REVISION 00

DATE: 28.05.2024

SHEET 1 OF 1

DATASHEET-A

1.0 REFERENCE CODES & STANDARDS

1.1 IS: 13573 (Latest Revision): Cable accessories for extruded power cables.

1.2 IS: 8309: Compression type tubular terminal ends for aluminium conductors of insulated cables.

2.0 TERMINATION KITS

2.1 Voltage grade: 6.6 kV(UE)
 2.2 Application: Indoor / Outdoor
 2.3 Type: Heat Shrinkable/pre-moulded type/ cold shrinkable
 2.4 Sizes: As per BOQ
 2.5 Type testing conforming to As per IS 13573 and IEC60502
 2.6 Total Shrouding of all live parts: Yes

3.0 BRIEF CABLE SPECIFICATION

3.1 Voltage grade: 6.6 kV (UE)
 3.2 Conductor material: Stranded aluminium
 3.3 Conductor screening material: Extruded Cross-linked Semi conducting compound
 3.4 Insulation material: Cross-linked polyethylene (XLPE)
 3.5 Insulation Screen material
 a) Non-conducting: Extruded Cross-linked Semi-conducting compound
 b) Conducting: Copper tape
 3.6 Armour: As Applicable
 3.7 Inner sheath material: PVC Type ST2 (For multicore cables)
 3.8 Outer sheath material: PVC Type ST2 FRLS

5.0 REQUIRED FAULT LEVEL:

Voltage Grade	6.6 kV (UE)
RMS Value	40 kA for 0.12 sec (for 6.6kV),
Peak Value	100 kA (for 6.6kV)

6.0 TYPE TEST REQUIREMENT: Type Test reports as per IS:13573 Part-II and IEC60502 shall be furnished. Also, heat shrink material shall comply with requirements of ESI 09-13 (external tests)

7.0 **CABLE LUGS/ FERRULE (AS PER DIN):** Tinned copper solderless crimping type cable lugs & ferrule or mechanical connectors (wherein bolts are tightened that shear off at an appropriate torque) as per DIN standard suitable for aluminium compacted conductor cables.

**BHEL PEM
GEM ATC**

INTRODUCTION

1. This is a Buyer specific document named Additional Terms & Conditions (ATC). This document is applicable for the enquiry issued on Government e-Marketplace (GeM) portal. These terms and conditions must be read in conjunction with GeM-General Terms & Conditions (GTC).
2. In case of any conflict, terms and conditions stipulated in ATC shall supersede those in GTC on GeM.

INSTRUCTIONS TO THE SUPPLIERS

Suppliers are advised to note the following instructions regarding Bid/Offer submission: -

1. To regularly visit GeM portal to access the tender documents and latest updates about the tender.
2. To study all the tender documents carefully. Any submission of tender by the Supplier shall be deemed to have been done after careful study & examination of the tender documents and with full understanding of the implications thereof. Non-compliance with any of the requirements and instructions in the Tender Enquiry shall be treated as an Incomplete Bid/Offer. Suppliers would be liable for actions as per extant policies/guidelines, if they fail to abide by any of the Policies including the terms and conditions stipulated in this document.
3. Ensure submission of their Bid/Offer on or before the latest due date and time indicated in the tender after taking cognizance of all the tender documents including corrigenda (if any) published against this tender.
4. To submit their Bids/Offers on GeM portal only.
5. Not to send copy of Bid/Offer through any other mode i.e. hard copy and or through email etc. In case Bids/Offers are received through any other mode other than GeM portal from any of the Suppliers against this tender, the same shall be ignored.
6. Incomplete Bid/Offer shall be rejected by giving a suitable cut-off date.

ORDER OF PRECEDENCE

In the event of conflicts or discrepancies among the Contract Documents, interpretations will be based on the following order of precedence:

- i. Amendments to Order/ Contract Purchase Order
- ii. Order/ Contract Purchase Order
- iii. Letter of Intent (LOI)/ Letter of Award (LOA)
- iv. Clarifications agreed between Buyer and Supplier in regards to the tender or the bidding conditions
- v. Corrigenda to NIT, with those of later date having precedence over those of earlier date
- vi. Enquiry letter and annexures except documents listed in point no (vii) to (x) below.
- vii. Technical Specifications
- viii. Additional Terms & Conditions (ATC)
- ix. Special Conditions of Contract (SCC)
- x. GeM General Terms & Conditions (GTC)

DEFINITION OF TERMS

Throughout the Tender Documents including the Enquiry Letter, the following words shall have the meanings assigned to them herein, unless the subject matter or the context requires otherwise: -

- 1 **Owner** shall mean the **Customer** or **Client** for whose project the enquiry is issued by Buyer and shall include its successors and assignees as well as authorized officer(s)/ representative(s).
- 2 **Sub-Supplier** shall mean the person/ firm/ company/ organization to whom any part of the work has been sub-contracted by Seller/Supplier, with the written consent of Buyer, and shall include sub-Contractor's heirs, executors, administrators, representatives and assignees as agreed between Seller/Supplier and Buyer (BHEL).

*Note - The term **Supplier** is used for Seller/ Bidder/ Vendor/Manufacturer in this document. The term **Sub-Supplier** is used for Sub-Contractor/ Sub-Vendor in this document.*

- 3 **Site** shall mean and include the land and place on which the project station related facilities are to be constructed and any adjacent land which may be allocated or used by *Owner, Buyer or Supplier* in performance of the Order/ Contract.
- 4 **Erection** shall mean include all work required for complete installation, from receiving, unloading, storage, preservation, to fixing & securing the equipment in its space.
- 5 **Commissioning** shall mean successful/ satisfactory completion of Trial Operation and readiness of the contracted/ ordered package / plant and materials unit wise/ set wise/ individual sub-system etc. including associated stand by for commercial use. This will include all consumables and inputs required for pre-commissioning.
- 6 **Inspection Agency (IA)** shall mean person(s) authorized by Buyer / Owner to inspect the stores as per Order/ Contract at Supplier's / Sub-Supplier's works. Suppliers to raise inspection call on BHEL - Quality Surveillance System (<https://cqir.bhel.in>).
- 7 **Month** shall mean calendar month and **Week** shall mean 7 days.
- 8 **Services** shall include Engineering, Study, Calibration, Type Test, Supervision of Erection and/or Commissioning, Installation Check, PG Test, Demonstration, Operation & Maintenance (O&M), Annual Maintenance of Contract (AMC), etc.
- 9 **Performance Guarantee Test** shall mean a test to be conducted by the Supplier at Site and witnessed by Owner/ Buyer, as per procedure submitted by the Supplier and approved by Owner/ Buyer describing the objective of the test, detailed procedures to test the guaranteed parameters, obligations as per the order/ contract, results presentation procedure and verification & acceptance criterion.

TERMS & CONDITIONS

1	BID SECURITY/ EARNEST MONEY DEPOSIT (EMD)
1.1	a) EMD: Not Applicable
1.2	<p>Modes of Deposit: EMD shall be accepted only in the following forms:</p> <ul style="list-style-type: none"> (i) Electronic Fund Transfer credited in BHEL account (before tender opening): BHEL PEM account details is given at the link https://pem.bhel.com/Documents/VendorSection/BHELBANKER.pdf (ii) Banker's cheque/ Pay order/ Demand draft, in favour of BHEL (along with offer) (iii) Fixed Deposit Receipt (FDR) (iv) Bank Guarantee from any of the Scheduled Banks (v) Insurance Surety Bonds <p>Scanned copy of EMD shall be uploaded by Supplier in the online bid and hard copy of the same (excluding EFT at pt.1.2(i)) shall have to be submitted to the Buyer within 7 (Seven) working days of bid opening, failing which the bid shall be rejected by giving a suitable cut off date.</p>
1.3	The EMD shall remain valid for a period of 45 (forty five) days beyond the final bid/offer validity period. The EMD shall also be extended in case of extension of bid/offer validity.
1.4	<p>Forfeiture and Release/Return of EMD:</p> <ul style="list-style-type: none"> i) A Supplier's EMD will be forfeited if the Supplier withdraws or amends its/his tender or impairs or derogates from the tender in any respect within the period of validity of the tender or if the successful Supplier fails to furnish the required performance security within the specified period mentioned in the Tender. ii) EMD by the Buyer shall be withheld in case any action on the Supplier is envisaged under the provisions of extant "Guidelines on Suspension of Business Dealings with Suppliers/ Contractors" of BHEL and forfeited/ released based on the action as determined under these guidelines placed at https://www.bhel.com/supplier_registration. iii) Bid securities of the unsuccessful Suppliers shall be returned to them at the earliest after expiry of the final bid validity period and latest by the 30th day after the award of the contract. However, in case of two packet or two stage bidding, Bid securities of unsuccessful Suppliers during first stage i.e. technical evaluation shall be returned within 30 days of declaration of result of first stage i.e. technical evaluation. iv) Bid security shall be refunded to the successful Supplier on conclusion of the Order/ receipt of a performance security (if applicable).
1.5	EMD shall not carry any interest.
2	PART-II BID OPENING IS SUBJECT TO FOLLOWING CONDITIONS:
	<ul style="list-style-type: none"> i) Qualification of Technical and/or Financial PQR as applicable. ii) Techno-commercial compliance to the NIT (Bid). iii) Mandatory conformance to applicable Govt. of India rules/ guidelines/ notifications/ circulars as issued or amended time to time. iv) Approval of bidder by Customer (UPRVUNL)- Vendor approval from end customer (Those who are not in customer approved list) shall be sought based on the credentials submitted by bidders.

3	REGISTRATION IN BHEL-PEM																					
	<p>It is strongly recommended that suppliers get themselves registered in BHEL-PEM as a "Regular Supplier". Regular Suppliers for the package are informed about the floated tender enquiries by BHEL-PEM. Suppliers to apply online through registration portal available at www.pem.bhel.com - Vendor Section - Online Supplier Registration. All credentials and/or documents duly signed and stamped related to registration can be uploaded & submitted online through the website.</p>																					
4	TECHNICAL PQR																					
	<p>a) Technical PQR: Not Applicable</p> <p>b) Technical PQR: Applicable</p> <p>i) Supplier has to provide the details as per TECHNICAL PQR in its Offer. Supplier to note that bids of only those Supplier(s) shall be evaluated who meet the Pre-Qualifying requirements.</p> <p>ii) This item/package /system falls under the list of items defined in para 3 of ministry of finance guideline dated 20.09.16 (Procurement of items related to Public safety, Health, Critical Security operations & Equipment's etc.) & hence criteria of prior experience/Turnover shall be same for all the Suppliers including Start-up/MSME.</p>																					
5	FINANCIAL PQR																					
	<p>a) Financial PQR: Not Applicable</p>																					
5A	Above terms of BHEL PQR(s) shall prevail in conflict (if any).																					
6	INTEGRITY PACT (IP)																					
6.1	a) IP: Not Applicable																					
7	PQR DOCUMENTS VERIFICATION																					
	<p>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 in the format given below. Suppliers to furnish latest verification details for checking veracity of document(s) by the Buyer. In case the same is found not available, Buyer has right to reject such document(s) from evaluation: -</p> <table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th>Sl. No.</th> <th>Project Name</th> <th>Customer Name, Contact Address, Phone No. & Email ID</th> <th>Contract/ Order No.</th> <th>Value of Contract/ Order</th> <th>Brief of Work</th> <th>Completion Date</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>	Sl. No.	Project Name	Customer Name, Contact Address, Phone No. & Email ID	Contract/ Order No.	Value of Contract/ Order	Brief of Work	Completion Date														
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8	CONFLICT OF INTEREST																					

	<p>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:</p> <ul style="list-style-type: none"> 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 authorise only one agent/dealer. There can be only one bid from the following: <ul style="list-style-type: none"> f.i. The principal manufacturer directly or through one Indian agent on his behalf; and f.ii. 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, <p style="text-align: center;">or</p> <ul style="list-style-type: none"> 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.
9	LIMIT FOR SUPERVISION OF E&C CHARGES
	NA
10	DETAILED PRICE BREAK-UP
	<p>Suppliers to mention freight/GST percentage for all the items as part of un-priced bid to be submitted along with their Techno-Commercial offer. Detailed Price Break-up shall be submitted by Supplier within Three (03) working days of Reverse Auction.</p> <p>If Price Break-up is not furnished within 03 working days, Buyer shall proceed ahead with its Price Break-up, which shall be binding on the Supplier.</p>
11	PRICES
	Prices shall be firm for the entire scope of work.
12	DELIVERY SCHEDULE & CONTRACT VALIDITY
12.1	1. Delivery Schedule

	<p>a) Main Supply including quantity variation: Delivery completion for Main supply shall be ... “120” ... days from the PO date.</p> <p>2. Supplier to start manufacturing/supply only after getting the applicable engineering Drgs. /docs approved from Buyer/ Owner. Drawings /documents submission/re-submission schedule shall be below which shall be used for progress monitoring purpose and required course correction, if any.</p> <p>1st submission of drawings / documents – 7 days BHEL comments – 03 days Re-submission of drawings / documents – 2 days BHEL & Customer comments / approval – 18 days</p> <p>For details refer Technical specification.</p> <p>3. The delivery date specified is for completion of the deliveries. Deliveries to start progressively so as to meet the completion schedule. The delivery conditions specified are for contractual purposes. However, to meet project requirement, the Buyer may ask for early deliveries without any compensation thereof.</p>
12.2	<p>1. Validity of Contract (PO rates, terms and conditions): Supplier has to make supply of goods/services as per the delivery time mentioned above. However, due to unavoidable circumstances where there is delay in providing inputs/ clearances from the Buyer (inputs, engineering approvals, deputing inspector for inspection, issuance of MDCC and/or any hold put by the Buyer for whatever reasons during execution of contract etc.) delivery time extension is admissible as per point no.3 below. In such situation it shall be obligatory on part of the Supplier to execute the contract at PO rates, terms and conditions provided inputs/ clearances have been accorded within validity of contract. Validity period for various activities shall be as defined below: -</p> <p>1.1 a) Validity of the contract for main supply including quantity variation:</p> <p>Contract shall be valid for180.... days from the PO date. However, delay at Supplier's end (if any) shall be added to the validity period and contract validity shall get extended by the delay period at Supplier's end.</p> <p>For example: Original Delivery period for main supply: A (in days) Delay at Supplier's end: B (in days beyond “A” days) Contract validity: C+B (in days) Supplier to note that B is the Supplier delay days beyond original contractual delivery period for main supply /extended delivery period owing to time taken by BHEL.</p> <p>1.2 Validity of the contract for Supply of Mandatory Spares/ Services (other than PG test) applicable in the contract:</p> <p>Validity of contract for supply of mandatory spares/ services applicable in the contract shall be one year over and above contractual validity period for main supply including quantity variation as specified at point no. 1.1 above.</p> <p>1.3 Validity of contract for Performance Guarantee (PG) test: Validity of contract for PG test shall be till completion of the PG Test.</p>

	<p>2. Main supply quantity cleared for manufacturing within contractual validity period, to be supplied by Supplier at PO rates, terms and conditions.</p> <p>3. Execution of the contract quantities released beyond contract validity period shall be decided on mutual consent basis at PO rates, terms and conditions.</p>
13	TERMS OF DELIVERY AND INSURANCE
	<p>13.1 Terms of delivery shall be F.O.R. dispatch station. All dispatches shall be through Road Carriers on Freight Pre-Paid basis. E-way Bill will be arranged by Supplier as per GST law.</p> <p>13.2 Unloading of items at delivery point shall be in the scope of Buyer.</p> <p>13.3 Transit Insurance shall be in the Supplier's account.</p>
14	DOCUMENTS FOR DISPATCH
	<p>Supplier to submit copy of following documents by e-mail immediately on dispatch:</p> <ul style="list-style-type: none"> i) Tax Invoice/ e-Invoice (as applicable), ii) LR, iii) Packing List, iv) Insurance Intimation, v) E-way bill (as applicable), vi) Copy of BHEL MDCC
15	PAYMENT TERMS
	<p>15.1 Payment of Main Supply including Mandatory Spares (if any): 100% Payment shall be released against Consignee Receipt-cum-Acceptance Certificate (CRAC)/MRC (Material Receipt Certificate) on submission of bills.</p> <p>15.2 Payment of Service(s) Charges: 100% payment shall be released after successful completion of the activity on pro rata basis against CRAC/ certification by Buyer's Site or Engineering (as applicable) on submission of bills.</p> <p>15.3 Documents for Payment:</p> <p>a) <u>For Supply including Mandatory Spares (if any):</u></p> <ul style="list-style-type: none"> i) Original Tax Invoice/e-Invoice (as applicable), ii) Packing List, iii) LR/Received LR, iv) CRAC/MRC (issued by project site engineer of Buyer/Owner), v) Guarantee Certificate, vi) E-way bill (as applicable), vii) Copy of valid Insurance document and Intimation, viii) Proof for submission of Performance Security (if applicable), ix) Copy of BHEL MDCC, x) PVC Calculation & copy of all applicable indices (if PVC is applicable)

	<p>15.4 Payments to Supplier's shall be released only after:</p> <ul style="list-style-type: none"> a) Supplier has declared such invoice in GSTR-1as per the relevant GST Act. b) The tax component charged by the Supplier in the invoice matches with the details uploaded by the Supplier in GSTR-1and GST liability is discharged through GSTR 3B. <p>In case, any GST credit is delayed/denied to the Buyer due to non/delayed receipt of goods and/or tax invoice or expiry to timeline prescribed in the relevant GST Act for availing such ITC, or any other reasons not attributable to the Buyer, tax amount shall be recovered from the Supplier along with interest levied/ leviable on the Buyer.</p> <p>15.5 RXIL is an initiative instituted by Govt. of India for MSMEs. PEM strongly advise all the MSME suppliers to get themselves registered on RXIL(TreDs) for faster payments.</p> <p>15.6 Time line for Payment: Payment shall be made within timeline as mentioned below from the date of issue of consignee receipt-cum-acceptance certificate (CRAC)/MRC/Completion of Services certified by Buyer's Site/Engineering.</p> <ul style="list-style-type: none"> a) Within 45 days for Supplier qualified and registered as Micro or small enterprises as per MSMED Act b) Within 60 days for Supplier qualified and registered as Medium enterprises as per MSMED Act c) Within 90 days for suppliers other than (a) & (b) above <p>The supplier shall ensure submission of complete documents along with the bill. In case of incomplete documents, the bill shall be rejected, and next due date shall start from the date of closure of discrepancy by the Supplier.</p> <p>Provision of payment outside GeM shall be utilized.</p> <p>15.7 Notwithstanding anything to the contrary contained in any other document comprising the contract, no interest shall be payable by the Buyer to the Supplier on any money or balances including but not limited to the security amount, Performance Security amount, bank guarantee amount, EMD, retention money, any bills or any amount withheld which may become due owing to difference or misunderstanding or any dispute between the Buyer and the Supplier, or any delay on the part of Buyer in making periodical or final payment or any other aspects incidental thereto.</p>
16	PERFORMANCE SECURITY
16.1	<p>a) Performance Security: Not Applicable</p> <p>b) Performance Security: Applicable</p> <p>Supplier may opt any of the following for submission of Performance Security:-</p> <p>16.1.1: Initially 10% of the contract value (Total Order value excluding PVC). 5% of the contract value (excluding PVC) will be released after completion of Main Supply based on certification by PG. However, balance 5% of the contract value (excluding PVC) will be released on completion of all contractual obligations, including guarantee/warranty obligations based on certification by PG.</p>

	<p style="text-align: center;"><u>Or</u></p> <p>16.1.2: 5% of the contract value (total Order value excluding PVC). Additional 5% of the contract value (excluding PVC) will be deducted & retained from first bill & subsequent bill(s) of the same contract (in case the value of first bill is less than 5% of the contract value). The retention amount will be released after completion of Main Supply based on certification by PG. However, balance 5% of the contract value (excluding PVC) will be released on completion of all contractual obligations, including guarantee/warranty obligations based on certification by PG.</p> <p>This percentage supersedes the GeM enquiry SD/Performance Security percentage.</p>
16.2	<p>Modes of Deposit: Supplier has to furnish Performance Security in the following forms:</p> <ul style="list-style-type: none"> (i) Local cheques of Scheduled Banks (subject to realization)/ Pay Order/ Demand Draft/ Electronic Fund Transfer in favour of BHEL. (ii) Bank Guarantee from Scheduled Banks / Public Financial Institutions as defined in the Companies Act. The Bank Guarantee format should have the approval of BHEL. (iii) Fixed Deposit Receipt issued by Scheduled Banks / Public Financial Institutions as defined in the Companies Act (FDR should be in the name of the Contractor, a/c BHEL). (iv) Securities available from Indian Post offices such as National Savings Certificates, Kisan Vikas Patras etc. (held in the name of Contractor furnishing the security and duly endorsed/ hypothecated/ pledged, as applicable, in favour of BHEL). (v) Insurance Surety Bond. <p>BHEL will not be liable or responsible in any manner for the collection of interest or renewal of the documents or in any other matter connected therewith.</p>
16.3	<p>Performance Security is to be furnished within 14 days from the date of PO/LOA and it should remain valid for a period of 60 (sixty) days beyond the date of completion of all contractual obligations of the supplier, including warranty obligations. Initial validity of Performance Security shall be as per GeM Bid. However, Performance Security validity is to be extended based on the actual delivery of package.</p>
16.4	<p>Performance Security value can be proportionately reduced after completion of Guarantee Period Unit wise/ Stage wise/ Set wise/ Scope wise (Main Supply/Mandatory spares/Services excluding PG test) subject to the units/sets/stages/Scope (Main Supply/Mandatory spares) being explicitly specified in delivery terms in the contract. However, Performance Security for the last unit/set/stage will be released only after completion of all contractual liability or guarantee period, whichever is later.</p>
16.5	<p><u>Forfeiture and Release/Return of Performance Security:</u></p> <ul style="list-style-type: none"> i) The Performance Security will be forfeited and credited to BHEL's account in the event of a breach of contract by the Supplier. ii) Performance Security shall be refunded to the Supplier without interest, after he duly performs and completes the contract in all respects but not later than 60 (Sixty) days of completion of all such obligations including guarantee/warranty under the contract. iii) If Performance Guarantee (PG)/ Demonstration Test and handing over of the system/ package (if applicable), as per Order/ Contract is not conducted up to 36 months from supply

	completion for reasons not attributable to the Supplier then Performance Security for total contract shall be released on submission of undertaking by the Supplier that Performance Guarantee (PG)/ Demonstration Test and handing over of the system/ package shall be conducted as and when required by Buyer.
16.6	The Performance Security shall not carry any interest.
17	LIQUIDATED DAMAGES (LD):
	<p>Timely dispatch/delivery and completion of other schedules as stipulated in Order/Contract shall be the essence of Order/Contract. If the Supplier fails to complete the dispatch/delivery and other schedules within the time period stipulated in Order/Contract, or within any extension of time granted by the Buyer, it shall be lawful for Buyer to recover damages for breach of Order/Contract and hereunder.</p> <p>17.1 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 total main supply contract value excluding GST per week or part thereof, subject to a maximum of ten (10) percent of the total of main supply 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.</p> <p>17.2 LD on service portion where delivery for services are defined separately in the Order/Contract. LD shall be applicable @ ½ percent, of the total service contract value excluding GST per week or part thereof. However, total LD (main supply and services) shall be limiting to 10% of cumulative total contract value (main supply +services) excluding GST.</p> <p>17.3 LD on mandatory spares portion where delivery for mandatory spares is defined separately in the Order/Contract. LD shall be applicable @ ½ percent, of the total of mandatory spares contract value excluding GST per week or part thereof, limiting to 10% of total contract value of mandatory spares excluding GST.</p> <p>17.4 In case of any amendment/ revision, LD shall be linked to the amended/ revised contract value and delivery date(s).</p> <p>17.5 LR/RR date for indigenous supplies shall be treated as the date of dispatch for levying LD. However, if date of receipt at site for indigenous supply is beyond the maximum validity of E-way bill as per extant govt. GST law then such excess period shall also be considered for LD purpose irrespective of the dispatch date.</p> <p>17.6 If Order/ Contract involves two or more Units/ Sets/ Stages, projects, then Liquidated Damages shall be levied on order/ contract value excluding GST of the delayed Unit/ Set/ Stage, provided delivery stipulated in the Order/ Contract is Unit/ Set/ Stage wise and total LD amount shall be limited to 10% of total Order/ amended Order value excluding GST of delayed Unit/ Set/ Stage.</p> <p>17.7 The sum specified above is not a penalty but a genuine pre-estimate of the loss/ damage which will be incurred by the Buyer directly or indirectly on account of delay in delivery of material/equipment/services on the part of the Supplier and the said amount will be deductible without proof of actual loss or damage caused by such delay.</p>
18	GUARANTEE TERMS

	<p>18.1 Guarantee Period (Unit-wise, Stage-wise, Set-wise, System-wise, project wise - as applicable) for Supply package shall be Eighteen (18) months from the date of last dispatch.</p> <p>18.2 All Shortages/damages in sound cases shall be replenished free of cost by the Supplier, as early as possible however, not exceeding more than 45 days from the time of reporting the shortage/damage.</p> <p>18.3 For shortages/damages during transit, Supplier shall supply replacements free of cost as early as possible, within 45 days from the time of reporting the defect/ loss/ rejection etc. by the Buyer/ Owner/ Site.</p> <p>18.4 For shortages/damages during handling at site, Supplier shall supply replacements, as early as possible, at the old contractual rates upon intimation to Supplier within 45 days from the time of reporting the defect/ loss/ rejection etc.</p> <p>18.5 All replacements and repairs during the guarantee period shall be delivered and completed promptly and satisfactorily within a period of 45 days from the time of reporting the defect/ loss/ rejection etc. Damaged items/parts can be taken back by Supplier on his own cost with the permission of Owner.</p> <p>18.6 All the replaced and replenished plant/ equipment/ stores shall also be guaranteed as per PO terms.</p>
19	<p>19.1 Buyer and/or Buyer's nominated Inspection Agency shall have at all reasonable times access to Supplier's premises or works and shall have the power at all reasonable times to inspect drawings of any portion of the work or examine the materials and workmanship of the plant/ equipment/ stores during their manufacture, and if part of the plant/ equipment/ stores is manufactured at other premises, the Supplier shall arrange for inspection, examination and testing by the Inspection Agency as if the plant/ equipment/ stores is manufactured on the Supplier's premises. Procedure for approval of works shall be as per the procedure given on https://cqir.bhel.in/Cqir/jsp/Masters/Help_File_for_suppliers.pdf</p> <p>Inspection calls should be raised by the Supplier on BHEL - Quality Surveillance System (https://cqir.bhel.in).</p> <p>Such inspection, examination and testing by itself shall not relieve the Supplier from any obligation under the Order/ Contract.</p> <p>19.2 Supplier shall give Inspection Agency reasonable notice of 15 days of any material being ready for testing and the Inspection Agency shall (unless the inspection of tests is voluntarily waived) attend at the Supplier's premises within seven (7) days of the date on which the material is notified as being ready. Tests are to be performed as per Buyer approved QAP (if applicable).</p> <p>19.3 In case of delay in witnessing of inspection beyond stipulated time (i.e. 7 days from the proposed date of inspection as notified by the Supplier through e-mail/call raised on BHEL - Quality Surveillance System (https://cqir.bhel.in) by the Buyer arising due to reasons not</p>

	<p>attributable to Supplier, Buyer will extend the delivery period for such delay in witnessing inspection. If the Buyer is not able to witness inspection up to 15 days then in addition to delay beyond stipulated period, 7 days' additional time shall also be given to the Supplier to facilitate for arranging fresh inspection.</p> <p>19.4 Where the Order/ Contract provides for tests/ inspections at the premises or works of the Supplier or any Sub-Contractor, the Supplier, except specified otherwise, shall provide free of charge such assistance, labour, materials, electricity, fuel, water, stores, apparatus, measuring instruments and test equipment including any other facilities as may be reasonably required to carry out such tests efficiently.</p>
20	MATERIAL DISPATCH CLEARANCE CERTIFICATE (MDCC)
	<p>20.1 When the tests have been satisfactorily completed at Supplier's works, the Inspection Agency shall issue an inspection report that effect within seven (07) days after completion of the tests, but if the tests were not witnessed by the Inspection Agency or his representative, the material acceptance report would be issued within seven (07) days after receipt of the test certificates by the Buyer.</p> <p>20.2 Buyer will issue MDCC to the Supplier within 7 days based on inspection report/ test certificates/Certificate of Conformance as applicable. In case of delay in issuance of MDCC beyond 7 days stipulated time (i.e. from the date of receipt of Inspection Report/Test certificates), by the Buyer due to reasons not attributable to the Supplier, Buyer shall extend the delivery period for such delay in issuing MDCC. If the Buyer is not able to issue MDCC up to 15 days then in addition to delay beyond stipulated period, 7 days' additional time shall also be given to the Supplier to facilitate for arranging logistics arrangements.</p> <p>20.3 Supplier shall not dispatch any material before issue of MDCC by the Buyer.</p>
21	PACKING LIST
	<p>Packing shall be in conformity with specifications and shall be such as to ensure prevention of damages, corrosion, deterioration, shortages, pilferage and loss in transit or storage.</p> <p>Suppliers to submit Packing List along with advance set of documents for claiming payment which must indicate:</p> <ul style="list-style-type: none"> i. No. of boxes ii. Packing size. iii. Gross weight and net weight of each package. iv. Contents of the package with cross reference to BoM item code no. or item serial no. v. Quantity of each item separately. <p>The Packing list must cover all the BoM items and supplier to give the following undertaking in the Packing List: "The Packing List provided herewith is as per the BoM approved under Contract No. dated-"</p>
22	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 Supplier and review/approval of the same by the

	<p>Buyer/Owner), manufacturing, inspection, Packing and dispatch time. Due diligence is to be observed by the Supplier to ensure timely completion of engineering and supply.</p> <p>During the execution of the contract, time loss occurred owing to the reason attributable to the Buyer besides force majeure shall be considered for delivery time extension to the Supplier as given below:</p> <ul style="list-style-type: none"> i) Any Delay in providing comments/ approval on Primary drawing/documents beyond the stipulated time as specified in NIT. ii) Time Loss in approval of the drawing/document as a result of increase in the iteration not attributable to the Supplier (i.e. resubmission owing to end customer comments) as certified by Buyer. 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 the Supplier's account. iii) Delay in providing engineering input by Buyer. iv) Delay in deputing inspector for inspection and delay in release of MDCC in line with clause no. 20 above. v) Any hold put by Buyer 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 15 days for the purposes of mobilization and demobilization of resources shall also be admissible. <p>Supplier to note that Extension in delivery period if any with or without imposition of LD shall be considered after detailed delay analysis based on provisions given above. Supplier to provide dates of drg./doc. submission & re-submission (if any) within 7 days of Cat-I approval. However, no delay analysis will be applicable if supply is completed within delivery schedule as specified in Order/ Contract.</p>
23	<p>BREACH OF CONTRACT, REMEDIES AND TERMINATION</p> <p>In case of Breach of Contract, BHEL shall recover 10% of the contract value from the Supplier using following instruments:</p> <ul style="list-style-type: none"> (i) encashment of security instruments like EMD, Performance Security with PEM against the said contract. (ii) 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 PEM. (iii) 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. (iv) Any other mode as deemed fit by the Buyer at its sole discretion. (v) if recovery is not possible then legal remedies shall be pursued. <p>However, Supplier shall continue performance of the Order/ Contract, under all circumstances, to the extent not cancelled.</p>
24	<p>SUSPENSION OF BUSINESS DEALINGS</p> <p>The "Guidelines on Suspension of Business Dealings with Suppliers/ Contractors" is placed at https://www.bhel.com/supplier-registration and, same shall prevail over Incident Management Policy of GeM.</p>

25	SUPPLIER PERFORMANCE MONITORING AND RATING SYSTEM
	Supplier's performance will be evaluated as per Supplier Performance Monitoring and Rating System of BHEL. Please refer BHEL website www.bhel.com for details.
26	CONFIDENTIALITY
	Supplier shall, at all times, undertake to maintain complete confidentiality of all data, information, software, drawings & documents, etc. belonging to the Buyer and also of systems, procedures, reports, input documents, manuals, results and any other company documents discussed and/ or finalized during the course of execution of Order/ Contract. i.e. Supplier shall in no way share or use such intellectual property of Buyer to promote his own business with others. Buyer reserves the right to claim damages from the Supplier, or take appropriate penal action as deemed fit against the Supplier, for any infringement of the provisions contained herein.
27	INTELLECTUAL PROPERTY & LICENSES
	<p>If any patent, design, trademark, trade secret or any other intellectual property rights apply to the delivery or accompanying documentation/drawings, Buyer or its customer shall be entitled to the legal use thereof free of charge by means of a non-exclusive, assignable, transferrable, sub-licensable, worldwide, perpetual license. All intellectual property rights that arise due to the execution of the delivery by the Supplier and by its employees or third parties involved by the Supplier for the performance of the contract shall be promptly notified by the Supplier to the Buyer and shall be deemed to belong to the Buyer. The Supplier shall be obligated to cooperate with the Buyer and do everything necessary to obtain or perfect the above-mentioned rights in favour of the Buyer.</p> <p>The Supplier represents and guarantees that the delivery does not infringe on any of the intellectual property rights of third parties. In the event a third party makes a claim, the Supplier shall also be obligated to do everything necessary to obtain or establish the alternate acceptable arrangement pending resolution of any (alleged) claims by third parties.</p> <p>The Supplier agrees to indemnify, defend and hold harmless the Buyer, its officers, employees, agents, representatives, successors, assignees or any of the Buyer's customers buying or using the goods or services specified herein, against any actual or alleged infringement of such intellectual property interests, claims by third parties in this regard and shall pay to the Buyer merely on demand without demur and without requiring the Buyer to furnish any proof of such claim, such sum as indicated in the demand towards any liabilities, damages, penalties, injuries, claims, demands, actions, cost and expenses etc. suffered as a result thereof.</p> <p>The Supplier agrees that its liability under this clause shall be unlimited.</p>
28	<p>Bidders to,</p> <p>Ensure compliance of Ministry of Finance (MoF) Order (Public Procurement No. 4) F. No. 7/10/2021(1) PPD dt. 23.02.23.</p> <p>to submit "Model Certificate for Tenders" as per Annexure-III of Ministry of Finance (MoF) Order (Public Procurement No. 4), dt:- 23/02/23</p> <p>Note: Subsequent orders/circulars to be checked and to be complied.</p>
29	MSE preference shall be given.
30	Quantity variation – Not Applicable

32	All other terms & conditions shall be as per GeM bid, above GeM Additional Terms & Condition and GTC on GeM 4.0 (version 1.14 dated 31.01.24).
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***Consignee details shall be as below:-**

2x210 MW Parichha-II TPS, Jhansi, Uttar Pradesh 284305

BHEL PSNR GSTIN No.- 09AAACB4146P2ZC

For creation of GeM bid, temporary consignee details are being used for Parichha R & M, final consignee details shall be as per above details only.