(A Govt. Of India Undertaking)



Ref. Enquiry No.: PE/PG/PA1/E-6821/2021 dt. 02/12/2021

DUE DATE
13/12/2021
BY 02:00 P.M.

Dear Sir / Madam,

<u>Subject</u>: Tender Enquiry for "OIL FILLED SERVICE TRANSFORMER" as per Technical Specification No. PE-TS-434-302-E001A - Rev. 0 for 3X800 MW PVUNL PATRATU TPP PHASE-I.

BHEL invites your offer for design, manufacture, inspection and testing at manufacturer's works, proper packing and delivery to site of BIS certified OIL FILLED SERVICE TRANSFORMERS (Star-2 losses (energy efficiency level 3 as per IS 1180) as per BEE guideline and BIS Certification for rating upto 2.5 MVA 33kV Class, however the impedance value, list of tests, fittings shall be as per those mentioned in the specification & shall also comply with IS-1180) as mentioned in different sections of this specification, complete with all accessories for efficient and trouble-free operation.

Your best quotation / offer shall be submitted in two parts strictly as per Clause-2.0 of the "Instructions to Bidders" of GCC, Rev. 07, in line with our terms and conditions, online via e-procurement system on https://eprocurebhel.co.in/nicgep/app.

S. No.	PROJECT	ITEM DESCRIP	ΓΙΟΝ	TECHNICAL SPECIFICATION NO.
1	3X800 MW PVUNL PATRATU TPP	OIL FILLE	D SERVICE	PE-TS-434-302-E001A - Rev. 0
1.	PHASE-I	TRANSFORME	R	FL-13-434-302-E001A - Rev. 0

It shall be the responsibility of the bidder to ensure that the tender is submitted **on or before the due date** by **02:00 P.M.** Part-I bids shall be opened at **04:00 P.M.** on the due date.

Note: 1. Detailed Tender documents / Corrigenda, addenda, amendments, time extensions, clarifications etc. can be downloaded / accessed from the following websites: -

- a. https://eprocurebhel.co.in/nicgep/app
- b. www.bhel.com
- c. https://pem.bhel.com/Home.aspx

ENQUIRY TERMS AND CONDITIONS:

Please refer GCC, Rev. 07 which is available on https://pem.bhel.com/Documents/GCC/GCCRev07.pdf. Bidders are requested to go through the same while submitting the offer.

Offers should be submitted separately in two parts online through e-procurement system as follows:
 Part-I: TECHNO-COMMERCIAL BID
 Part-II: PRICE BID

 For detailed instructions, please see Clause No. 1.0 & 2.0 of "Instructions to Bidders (Vol-I, GCC Rev. 07)".

2. Bidders to note that following form the part of tender documents & will become a part of the Order / Contract after its finalisation:

Swapnil Kumar

Mgr./PG-III, BHEL/PS-Project Engineering Management, Power Project Engineering Institute, Plot no. 25, Sector – 16A, Noida (UP) 201301, INDIA

(OFF) +91-120-4213563, (MOB.) +91 9953160482

SWAPNIL

KUMAR

Regd. Office
BHEL House Siri Fort

New Delhi-110049

Db. c=lb, o=BHABAT HEAVY ELECTRICALS LIMITED, ou=POWER SECTIOR PROJECT FRONCESHING MANAGEME (PS-PEM), postalCode=201301, st=UTTAR PRADESH, 2.5 A.120-(obbb/ds-189796FIRS-tas-5457-2.586/bcb392.22) pracudomym=865D7C004016368C323088938226732FEB 5479. serialNumber=ru6838991027FE92DC68F377978783364600; 21286634080B870D678235450888, cn=SWAPNIN, KUMM

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Ref. Enquiry No.: PE/PG/PA1/E-6821/2021 dt. 02/12/2021

- a. General Conditions of Contract (GCC), Rev. 07 comprising of <u>Instructions to Bidders and General Commercial</u> Terms & Conditions.
- b. Technical Specification.
- c. Special Conditions of Contract (SCC, Rev. 00).
- d. NTPC's Main & Sub-supplier questionnaire.
- e. Enquiry Letter with Terms & Conditions.
- f. Technical & Financial PQR.
- g. Integrity Pact.
- h. Format for Local Content Certification.
- 3. Tenders shall be submitted strictly in accordance with the requirements of the above mentioned tender documents. Deviations (Technical as well as Commercial), if any, shall be listed out separately in Annexure-II (Cost of withdrawal) of GCC, Rev. 07 along with reasons for taking such deviations. Any deviations (Technical as well as Commercial) not mentioned in the Annexure-II (Cost of withdrawal) and standard pre-printed terms & conditions shown separately or found hidden in the offer, will not be taken cognizance of. Bidders to note all the points mentioned in "Notes" of Annexure-II to GCC, Rev. 07.
- 4. Purchaser shall be under no obligation to accept the lowest or any other tender and shall be entitled to accept or reject any / all tender(s) in part or full without assigning any reason whatsoever.
- 5. For this procurement, Public Procurement (Preference to Make in India), Order 2017 dt. 15/06/2017, 28/05/2018, 29/05/2019 & 04/06/2020 and subsequent Orders issued by the respective Nodal Ministry shall be applicable even if issued after issue of this NIT but before finalization of contract / PO / WO against this NIT. In the event of any Nodal Ministry prescribing higher or lower percentage of purchase preference and / or local content in respect of this procurement, same shall be applicable.
- 6. 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), (PPP-MII) Order 2017 dt. 04/06/2020 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 issue of this NIT, but before opening of Part-II bids against this NIT.

Regarding verification of local content, the local supplier at the time of tender, bidding or solicitation shall be required to provide certification (in the prescribed format) that the item offered meets the minimum local content as per above mentioned orders and shall give details of the location(s) at which the local value addition is made.

- 7. Bidders to.
 - ensure compliance to Ministry of Power (MoP) Order No. 25-11/6/2018-PG dt. 02/07/2020 & Order No. 11/05/2018-Coord. dt. 23/07/2020, if applicable.
 - ensure compliance of Ministry of Finance (MoF) Order (Public Procurement No. 1 & 2) F. No. 6/18/2019/PPD dt. 23/07/2020.
 - to submit "Model Certificate for Tenders" as per Annexure-III of Ministry of Finance (MoF) Order (Public Procurement No. 1 & 2) F. No. 6/18/2019/PPD dt. 23/07/2020.

Note: Subsequent orders/circulars to be checked and to be complied.

Swapnil Kumar

Mgr./PG-III, BHEL/PS-Project Engineering Management, Power Project Engineering Institute, Plot no. 25, Sector – 16A, Noida (UP) 201301, INDIA (OFF) +91-120-4213563, (MOB.) +91 9953160482 Regd. Office

BHEL House Siri Fort

New Delhi-110049



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- 8. Only Class-I Local Suppliers are eligible to bid in this tender.
- 9. As per Department of Expenditure (DoE) OM No. 6/9/2020-PPD dt. 24/08/2020, it is mandatory for all the bidders to provide their GeM Seller ID.
- 10. All correspondence thereof, shall be addressed to the following:

 NIMESH MALLIK, DY. ENGR., PG-III
 SWAPNIL KUMAR, MGR., PG-III

 E-MAIL: nimeshmallik@bhel.in
 E-MAIL: swapnilkumar@bhel.in

 Ph. No. +91-120-4368799; Mob: +91-9654713649
 Ph. No. +91-120-4213563; Mob: +91-9953160482

- 11. Bidder to note that this is a conditional Open (Indian) Tender enquiry. Hence, Price Bid (Part-II) Opening shall be subject to following criterion:
 - i. Techno-commercial qualification / recommendation of bidder by BHEL-PEM.
 - ii. Offered item should mandatorily conform to PP-MII order provisions.
 - iii. Approval of bidder by Customer: Approval shall be taken up by BHEL with customer based on the credentials / reference list. Hence, Bidders are requested to submit the following (as part of their credentials) on or before Part-I opening: -
 - Reference list indicating P.O. details, customer name, P.O. date, execution date etc.
 - Performance certificate issued by the clients.
 - NTPC's Main & Sub-supplier questionnaire (enclosed with enquiry) and submit all the supportive documents against details furnished therein (signed & stamped on each page)
 - iv. **Pre-Qualifying Requirements: -** Bids of only those bidders shall be evaluated who meet the Technical & Financial pre-qualifying requirements.

Bidders 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 organisation contact number and e-mail Id etc. In case the same found not available, Purchaser has right to reject such document from evaluation.

- 12. In case of joint bidding, Bidders shall be required to furnish scope matrix which should be clearly defined between them along with the offer for the complete scope as per NIT.
- 13. For the bidders (who are not registered with BHEL-PEM), Online Registration Portal is operational in BHEL. Non-registered Vendors, who wish to apply for registration with BHEL-PEM, have to apply through Online Registration Portal available at www.bhelpem.com→vendor section→Online Supplier Registration. All credentials and/or documents duly signed and stamped related to registration has to be uploaded on the website and submit the application for registration. One set of hard copy of the filled-up SRF downloaded from Online Registration Portal duly signed and stamped has to be submitted.
- 14. The Evaluation Currency for this tender will be INR.
- 15. BHEL shall be finalizing this tender with Price Bid Opening. Bidders to quote suitably. This clause will supersede Cl. No. 13 of 'Instruction to Bidders' of GCC-Rev. 07.

Swapnil Kumar Mgr./PG-III, BHEL/PS-Project Engineering Management, Power Project Engineering Institute, Plot no. 25, Sector – 16A, Noida (UP) 201301, INDIA (OFF) +91-120-4213563, (MOB.) +91 9953160482



Digitally signed by SMARNI KILMAR

Dic CHO, BERNARD HARVI KELTICALS LIMITED, our-POWER

SECTOR PROJECT ENCREENENG MANAGEMENT 99-PAM,
portal Code-20-2010, a-UTTLAR PROJECT

Berling Code (1997), a-UTTLAR PROJECT

GENERAL PROJECT

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- 16. MSME / Start-up Vendors to submit applicable documents along with their offer for availing the benefits as per GOI guidelines. Further PEM is already registered with RXIL (TReDS) Platform. You are requested to get registered with RXIL (TReDS) Platform to avail the facility as per GOI guidelines.
- 17. **Delivery Schedule: -** Unit-wise Quantity break-up shall be as per Annexure-A.
 - Main Supply for Unit-I: Nine (09) months from the date of approval of "PRIMARY" drgs. / docs. in CAT-I. The categorisation of drawings / documents as Primary or Secondary and their submission / re-submission schedule shall be as per Annexure-III of the Technical Specification. Conductance of all the Type Tests (including Special Test as per IEC 60076-5) and Type Test report approval shall be with in overall delivery period. BHEL shall furnish comments / approval on each submission within 18 days from receipt.

Delay (if any) in submission / re-submission of "PRIMARY" drawings / documents shall be reduced from the overall delivery period. Delay in BHEL's comments / approval of "PRIMARY" drawings / documents beyond 18 days shall also be considered for delay analysis.

- Main Supply for Unit-II & III: Four (4) months from the date of BHEL clearance based on PMG / Site clearance.
- Mandatory Spares (together for all 3 units): Three (03) months from the date of BHEL clearance.
- 18. Bidders are requested to refer Performance Bank Guarantee (PBG) format & rules and adhere to it while furnishing PBG. In case any benefit with respect to BG reduction is provided by the end customer for Patratu project, then similar benefit shall be passed onto the bidders for subject tender as well.
- 19. PVC is applicable for this tender, details as per Annexure-B.
- 20. Lump sum Evaluation will be done on **Total cost to BHEL (excluding GST) basis** as per Cl. No. 19.2 of Instruction to Bidders of GCC, Rev. 07.

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

- In case more than one bidder happens to occupy L-1 status even after soliciting discounts, the L-1 bidder shall be decided by a toss / draw of lots, in the presence of respective bidder(s) or their representative(s). Ranking will be done accordingly. BHEL's decision in such situation shall be final and binding."
- 21. Bidder to submit performance security required for execution of the contract within the time period mentioned. In case of delay in submission of performance security, enhanced performance security which would include interest (SBI rate + 6%) for the delayed period, shall be submitted by the bidder. Further, if performance security is not submitted till such time the first bill becomes due, the amount of performance security due shall be recovered from the bills along with due interest.
- 22. MSME bidders will have to furnish the UAM details.
- 23. Overall (%) variation in contract values (due to changes in the scope) shall be limited to +/- 30%. This will prevail over the quantity variation Cl. No. 6.0 of GCC, Rev. 07.

Swapnil Kumar Mgr./PG-III, BHEL/PS-Project Engineering Management, Power Project Engineering Institute, Plot no. 25, Sector – 16A, Noida (UP) 201301, INDIA (OFF) +91-120-4213563, (MOB.) +91 9953160482



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- 24. Integrity Pact: Integrity pact is applicable for subject package. IP is a tool to ensure that activities and transactions between the Company and its Bidders/ Contractors are handled in a fair, transparent and corruption free manner. A panel of Independent External Monitors (IEMs) have been appointed by BHEL with the approval of CVC. The names of the IEMs in panel are as follows:
 - I. Sh. Arun Chandra Verma, IPS (Retd.) acverma1@gmail.com
 - II. Sh. Virendra Bahadur Singh, IPS (Retd.) vbsinghips@gmail.com

The IP as enclosed is to be submitted (duly signed by authorized signatory) along with techno-commercial bid. Only those bidders who have entered into such an IP with BHEL would be competent to participate in the bidding. In other words, entering into this pact would be a preliminary qualification.

Please refer Section-8 of IP for Role and Responsibilities of IEMs. In case of any complaint arising out of the tendering process, the matter may be referred to the any of the IEMs mentioned above. All correspondence with the IEMs shall be done through email only.

- " No routine correspondence shall be addressed to the IEM (phone / post / email) regarding the clarifications, time extensions or any other administrative queries, etc. on the tender issued. All such clarification/ issues shall be addressed directly to the tender issuing (procurement) department officials."
- 25. The offers of the bidders who are on the banned list (list of banned firms available on http://www.bhel.com) and also the offers of the bidders, who engage the services of the banned firms, shall be rejected.
- 26. The Bidder along with its associate / collaborators / sub-contractors / sub-vendors / consultants / service providers shall strictly adhere to BHEL Fraud Prevention Policy displayed on BHEL website http://www.bhel.com and shall immediately bring to the notice of BHEL Management about any fraud or suspected fraud as soon as it comes to their notice.
- 27. Bidders participating in subject tender will necessarily have to buy class III DSCs (Digital Signature Certificate) issued by the certifying authorities in India. Basic procedure /checklist is uploaded on "www.bhel.com" for participating in tender enquires through e-procurement.
- 28. This item/package/system falls under the list of items defined in Para 3 of Ministry of Finance guidelines dt. 20.09.2016 (procurement of items related to public safety, health, critical security operations and equipment etc.) & hence criteria of prior experience / turnover shall be same for all the bidders including startup / MSME.
- 29. Bidders to declare that they will not enter into any illegal or undisclosed agreement or understanding, whether formal or informal with other Bidder(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.
- 30. Due to COVID-19 pandemic condition prevailing in the country, BHEL-PEM may go for Remote Inspection of offered items, if required. Vendors are requested to be equipped with the facilities / gadgets as indicated in the guidelines attached to take up the inspection REMOTELY.

Regd. Office KUMAR BHEL House Siri Fort New Delhi-110049

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- 31. All terms and conditions shall be as per NIT, SCC and GCC Rev. 07. In the event of any contradiction, the terms and conditions mentioned, the order of preference shall be as mentioned in Cl. No. 36 of GCTC of GCC Rev. 07.
- 32. Please note that for technical bid, detailed offers are to be submitted including the following: -
 - Acceptance of GCC, Rev. 07.
 - Acceptance of Special Conditions of Contract (SCC).
 - Along with your offer, please submit a copy of this letter duly signed & stamped on each page as token of acceptance of all terms & instructions conveyed.
 - Technical & Financial PQR documents.
 - Integrity Pact
 - Local Content Certification.
 - NTPC's Main & Sub-Supplier Questionnaire.

Thanking You.

Yours Sincerely,



Enclosures:

- 1. Technical Specification No. PE-TS-434-302-E001A Rev. 0.
- 2. Project SCC, Rev. 00.
- 3. Technical & Financial PQR.
- 4. NTPC's Main & Sub-supplier questionnaire.
- 5. Format for Local Content Certification.
- 6. Guidelines for Remote Inspection.
- 7. Integrity Pact
- 8. Ministry of Power (MoP) Order No. 25-11/6/2018-PG dt. 02/07/2020 & Order No. 11/05/2018-Coord. dt. 23/07/2020.
- 9. Ministry of Finance (MoF) Order (Public Procurement No. 1 & 2) F. No. 6/18/2019/PPD dt. 23/07/2020.

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	PROJECT:- 3X800 MW PVUNL					
	PACKAGE:- OIL FILLED SER\ UNIT-WISE QUANTI			MER		
S. No.	Item Description	Unit	Total Quantity	Unit-l Qty.	Unit-II Qty.	Unit-III Qty.
1.0	Oil Filled Service Transformer - 1000kVA, 11kV/0.433kV, 3 phase, 2 winding, outdoor, ONAN, Z=5.0%, Dyn1, OFF Circuit taps ±5% in steps of 2.5% (with cable box type HV, with bus-duct type LV and with solidly grounded LVN termination) along with Extra Oil (10%) in Sealed Non-returnable Standard Drums.	NOS.	4	4	-	-
2.0	Oil Filled Service Transformer - 1600kVA, 11kV/0.433kV, 3 phase, 2 winding, outdoor, ONAN, Z=6.25%, Dyn1, OFF Circuit taps ±5% in steps of 2.5% (with cable box type HV, with bus-duct type LV and with solidly grounded LVN termination) along with Extra Oil (10%) in Sealed Non-returnable Standard Drums.	NOS.	4	4	-	-
3.0	Oil Filled Service Transformer - 2500kVA, 11kV/0.433kV, 3 phase, 2 winding, outdoor, ONAN, Z=10.0%, Dyn1, OFF Circuit taps ±5% in steps of 2.5% (with cable box type HV, with bus-duct type LV and with solidly grounded LVN termination) along with Extra Oil (10%) in Sealed Non-returnable Standard Drums.	NOS.	32	16	8	8
4.0	Oil Filled Service Transformer - 5000kVA, 11kV/3.45kV, 3 phase, 2 winding, outdoor, ONAN, Z=7%, Dyn1, OFF Circuit taps ±5% in steps of 2.5% (with cable box type HV, with bus-duct type LV and with cable box type LVN termination) along with Extra Oil (10%) in Sealed Non-returnable Standard Drums.	NOS.	4	4	-	-
5.0	MANDATORY SPARES	LOT	1	-	-	1

DATE: 12/11/2021

PEM (ELECTRICAL)

3X800MW PVUNL PATRATU TPP PHASE-I

PVC FOR OIL FILLED TRANSFORMERS

The prices are variable as per variable as per IEEMA price variation formula as given below with base month one month prior to the date of tendering with ceiling limit of 20% on positive side and there is no limit on negative side.

Price variation formula for copper wound service (for Single & Three Phase of ratings up to 2500 KVA and voltage up to 33 KV)

Wherein,

P = Price payable as adjusted in accordance with the above formula.

P₀ = Price quoted/confirmed.

C₀ = Price of CC copper rods
This price is as applicable for the month, <u>ONE</u> month prior to the date of tendering.

ES_o = Price of CRGO Electrical Steel Lamination

This price is as applicable for the month, **ONE** month prior to the date of tendering.

IS_o = Price of HR Coil of 3.15 mm thickness
This price is as applicable for the month, **ONE** month prior to the date of tendering.

The average price of Insulting materials (in Rs./Kg) of pre-compressed pressboards of size 3 mm and 10 mm thick, 3200 mm x 4100 mm C&F price in free currency per MT converted into Indian Rupees

This price is as applicable for the month, **ONE** month prior to the date of tendering.

TO₀ = Price of Transformer Oil
This price is as applicable for the month, **ONE** month prior to the date of tendering.

W₀ = All India average consumer price index number for industrial workers, as published by the Labour Bureau, Ministry of Labour, Govt. of India (Base: 2016 = 100)
 This index number is as applicable for the month, THREE months prior to the date of tendering.

For example, if date of tendering falls in December 2021, applicable prices of Copper (C_0) , Transformer Oil (TO_0) , CRGO Steel Sheets (ES_0) , MS Plate (IS_0) and Insulating material (IM_0) should be as on 1st November 2021 and all India average consumer price index no. (W_0) should be for the month of September 2021.

Price variation formula for copper wound service transformers (for Single & Three Phase of ratings above 2500 KVA up to 10 MVA and voltage up to 33 KV)

Wherein,

P = Price payable as adjusted in accordance with the above formula.

P₀ = Price quoted/confirmed.

C₀ = Price of CC copper rods

This price is as applicable for the month, **ONE** month prior to the date of tendering.

ES_o = Price of CRGO Electrical Steel Lamination
This price is as applicable for the month, **ONE** month prior to the date of tendering.

IS_o = Price of MS Plate of 6 mm thickness
This price is as applicable for the month, <u>ONE</u> month prior to the date of tendering.

The average price of Insulting materials (in Rs./Kg) of pre-compressed pressboards of size 3 mm and 10 mm thick, 3200 mm x 4100 mm C&F price in free currency per MT converted into Indian Rupees
 This price is as applicable for the month, ONE month prior to the date of tendering.

TO₀ = Price of Transformer Oil

This price is as applicable for the month, **ONE** month prior to the date of tendering.

W₀ = All India average consumer price index number for industrial workers, as published by the Labour Bureau, Ministry of Labour, Govt. of India (Base: 2016 = 100)
 This index number is as applicable for the month, THREE months prior to the date of tendering.

For example, if date of tendering falls in December 2021, applicable prices of Copper (C_0) , Transformer Oil (TO_0) , CRGO Steel Sheets (ES_0) , MS Plate (IS_0) and Insulating material (IM_0) should be as on 1st November 2021 and all India average consumer price index no. (W_0) should be for the month of September 2021.

render Inviting Authority: Bharat Heavy Electricals Limited-Project Engineering Management, Noida

Name of Work: BOQ cum PRICE SCHEDULE OF MAIN SUPPLY OF OIL FILLED SERVICE TRANSFORMER FOR 3X800 MW PVUNL PATRATU TPP PHASE-I

Tender Enquiry No.: PE/PG/PA1/E-6821/2021 dt. 02/12/2021

Name of the Bidder/Bidding Firm/Company:

MOTES:
1) BIDDER SHALLS FOR THANSCORME SHALL INCLUDE THE COST OF TRANSFORMER SHALL BE CARRIED OUT ON ALL TRANSFORMERS WITHOUT ANY ADDITIONAL COST. BIDDER SHALL QUOTE ACCORDINGLY.
1) BIDDER SHALLS FOR THE QUOTED FRICE. QUANTITY OF EXTRA OIL SHALL BE SUBJECT TO APPROVAL DURING DETAIL ENGINEERING.
3) CHARGER SER OF SHALLS FOR A STREAM OIL SHORT FOR SHALL BE PAYABLE BASED ON ACTUAL INVOICE FROM DESIGNATED LABORATORIES (CPRI-BHOPAL / CPRI-BHODAL / CPRI-BHODAL) WITH AN ADDITIONAL LUMP SUM AMOUNT OF 5% OF EX-WORKS PRICE OF TRANSFORMER BEING TESTS DAY STREAM OF THE BHODE.
4) IN CASE TOR A JUST STREAM OF THE TESTS ARRESTED TO THE REPAYED OF THE VANDES FOR A STREAM OF THE TESTS ARRESTED TO THE STAND OF THE VANDES FOR A STREAM OF THE STAND OF THE STAND OF THE VANDES THE COMPARIONS PURPORA.
5) IN FREE SHALL STAND OF THE STA

NUMBER#	TEXT#	NUMBER#	TEXT#	NUMBER	TEXT #	NUMBER#	NUMBER	NUMBER	NUMBER .	TEXT	NUMBER	NUMBER	NUMBER#	NUMBER#	TEXT #
S. No.	item Description	Quantity	Units	HSN Code	Quoted Currency in INR / Other Currency	INIT EX-WORKS PRICE TOTAL EX-WORKS PREIGHT RATE FREIGHT AMOUNT GST TYPE entered by the Bidder PRICE	TOTAL EX-WORKS PRICE	FREIGHT RATE	FREIGHT AMOUNT		GST RATE (GST AMOUNT	TOTAL AMOUNT Without Taxes TOTAL EX-WORKS + FREIGHT)	TOTALAMOUNT With Taxes (TOTAL EX-WORKS+ FREIGHT+ GST)	TOTAL AMOUNT In Words
1	2	4	2	7	12	13	14	15	16	18	20	21	53	54	55
е	1000k/A, 11kV/0.433kv, 3 phase, 2 winding outdoor, 0PAM, 22-Se, Oyn, 10F Circuit taps 42% in steps of 2.5% (with cable box type HV, with bas-duct type IV and with solidity grounded LVN termination)		SO N	8504	N R		0.0000		0.0000			0.0000	0.000	0.000	INR Zero Only
2	1600kW, 11kVD 433kV, 3 phase, 2 winding outdoor, ONAN, 2-6-23%. Dyn., OFF Circuit taps ±5% in steps of 2.5% (with cable box type IV, with bus-duct type IV and with solidly grounded IVN termination)	4	Nos	85042200	N R		0.0000		0.0000			0.0000	0.000	0.000	INR Zero Only
т	2500kW, 11kVD 433kV, 3 phase, 2 winding outdoor, ONAN, 2=10.0%. Dynl, OFF Circuit taps ±5% is steps of 2.5% (with cable box type IV, with bus-duct type IV and with solidly grounded IVN termination)	32	Nos	85042200	N R		0.0000		0.0000			0.0000	0.000	0.000	INR Zero Only
4	SODDKNA, I.IAV/3 45kV, 3 phase, 2 winding, outdoor, ONAN, 2=7%, Dynl, OFF Circuit taps ±5% is seeps of 2.5% (with cable box type IV, with bus-duct type IV and with cable box type LVI termination)	4	Nos	85042200	N R		0.0000		0.0000			0.0000	0.000	0.000	INR Zero Only
Total in Figures													0.000	0.000	INR Zero Only
Quoted Rate in Words	Words	INR Zero Only													



Fender Inviting Authority: Bharat Heavy Electricals Limited-Project Engineering Management, Noida

Name of Work: BOQ cum PRICE SCHEDULE OF MANDATORY SPARES OF OIL FILLED SERVICE TRANSFORMER FOR 3X800 MW PVUNL PATRATU TPP PHASE-I

Tender Enquiry No.: PE/PG/PA1/E-6821/2021 dt. 02/12/2021

Name of the Bidder/ Bidding Firm / Company :

1 set consists of gaskets required for 1 No. transformer for the following: - (a) protection and monitoring devices

NOTES:

(b) cooler circuit, if applicable

TOTAL AMOUNT INR Zero Only TEXT # TOTAL AMOUNT
With Taxes
(TOTAL EX-WORKS + 1)
FREIGHT + GST) NUMBER# 00.00 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 000.0 0.000 0.000 TOTAL AMOUNT
Without Taxes
TOTAL EX-WORKS +
FREIGHT) NUMBER# 00.00 00.00 00.00 00.00 00.00 0.000 00.000 0.000 GST AMOUNT 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 GST RATE NUMBER GST TYPE TEXT FREIGHT AMOUNT NUMBER 0.0000 0.0000 0.0000 0.0000 0.0000 0.000.0 0.0000 0.000.0 0.0000 0.000.0 0.0000 0.0000 0.000.0 0.0000 FREIGHT RATE NUMBER UNIT EX-WORKS
PRICE IN Figures To be WORKS PRICE entered by the Bidder NUMBER 0.0000 0.0000 0.0000 0.0000.0 0.0000.0 0.0000 0.0000 0000.0 0.0000 0.000.0 0.0000 00000.0 0.0000 NUMBER# Quoted
Currency in INR
// Other
Currency TEXT# R R R R N N ¥ ¥ N N N N R R R R R R R R R R R R R R R NUMBER HSN Code 8504 техт # Nos Nos Nos Nos NUMBER# Quantity HV bushing with metal parts & gaskets (No. each Rating) LV bushing with metal parts & gaskets (see Note 1) (No. each Rating) LV Neutral bushing with metal parts & gaskets (No. each Buchholz relay complete (No. each Rating) Pressure relief Device (No. each Rating) WTI with contacts (No. each Rating) OTI with contacts (No. each Rating) 11.0/0.433kV, 1000KVA 11.0/0.433kV, 1600KVA 11.0/0.433kV, 2500KVA 11.0/0.433kV, 1000KVA 11.0/0.433kV, 1600KVA MOG (No. each Rating) 11.0/0.433kV, 2500KVA 11.0/3.45kV, 5000KVA (d) largest inspection cover, if applicable (d) HV/LV turret, if applicable (e) OCTC inspection cover, if applicable tem Description Rating) TEXT # **NUMBER#** No.



8.4	11.0/3.45kV, 5000KVA	1	No	8504	INR	3	0.0000	0.0000		0.0000	0.000	0.000	INR Zero Only
6	Set of gaskets (see Note 1) (set each Rating)												
9.1	11.0/0.433kV, 1000kVA	1	Set	8504	INR	3	0.0000	0.0000		0.0000	0.000	0.000	INR Zero Only
9.2	11.0/0.433kV, 1600kVA	1	Set	8504	INR	3	0.0000	0.0000	,	0.000	0.000	0.000	INR Zero Only
9.3	11.0/0.433kV, 2500kVA	1	Set	8504	INR	3	0.0000	0.0000		0.0000	0.000	0.000	INR Zero Only
9.4	11.0/3.45kV, 5000KVA	1	Set	8504	INR	3	0.0000	0.0000		0.0000	0.000	0.000	INR Zero Only
10	Set of valves (No. of each type / size)												
10.1	11.0/0.433kV, 1000kVA	2	Nos	8504	INR	3	0.0000	0.0000	,	0.0000	0.000	0.000	INR Zero Only
10.2	11.0/0.433kV, 1600kVA	2	Nos	8504	INR	3	0.0000	0.0000		0.0000	0.000	0.000	INR Zero Only
10.3	11.0/0.433kV, 2500kVA	2	Nos	8504	INR	3	0.0000	0.0000		0.0000	0.000	0.000	INR Zero Only
10.4	11.0/3.45kV, 5000KVA	2	Nos	8504	INR	3	0.0000	0.0000	,	0.0000	0.000	0.000	INR Zero Only
Total in Figures											0.000	0.000	INR Zero Only
Quoted Rate in Words	Words	INR Zero Only	Only										

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fender Inviting Authority: Bharat Heavy Electricals Limited-Project Engineering Management, Noida

Name of Work: BOQ cum PRICE SCHEDULE OF 10% EXTRA OIL FOR OIL FILLED SERVICE TRANSFORMER FOR 3X800 MW PVUNL PATRATU TPP PHASE-I

N<u>OTES.</u> 1) BIDDER SHALL SUPPLY 10% EXTRA OIL AS PER THE QUOTED PRICE. QUANTITY OF EXTRA OIL SHALL BE SUBJECT TO APPROVAL DURING DETAIL ENGINEERING.

Tender Enquiry No.: PE/PG/PA1/E-6821/2021 dt. 02/12/2021

Name of the Bidder/Bidding Firm/Company:

TOTAL AMOUNT In Words INR Zero Only TOTAL AMOUNT With Taxes (TOTAL EX-WORKS + FREIGHT + GST) NUMBER# 0.000 0.000 0.000 0.000 0.000 TOTAL AMOUNT
Without Taxes
TOTAL EX-WORKS +
FREIGHT) NUMBER# 0.000 0.000 0.000 0.000 0.000 **GST AMOUNT** NUMBER 0.0000 0.0000 0.0000 0.0000 **GST RATE** NUMBER GST TYPE TEXT FREIGHT AMOUNT 0.0000 0.0000 0.000.0 0.000.0 UNIT EX-WORKS PRICE TOTAL EX-WORKS | FREIGHT RATE entered by the Bidder NUMBER 0.0000 0.0000 0.0000 0.0000 NUMBER # Quoted
Currency in INR
/ Other
Currency TEXT # ĸ NR. R 85049010 85049010 85049010 NUMBER HSN Code 85049010 TEXT# Units Nos INR Zero Only NUMBER# Quantity EXTRA OIL (10%) IN SEALED NON RETURNABLE STANDARD DRUMS for 1600kVA, 11kV(0.4384, 3 phase, 2 winding, outdoor, ONAN, 2 = 6.25%, Drul, OFF Circuit taps ±5% in regies of 2.5% (with cable box type HV, with bus-duct type IV and with solidly grounded LVN termination) EXTRA OIL (10%) IN SEALED NON RETURNABLE STANDARD DRUMS for 500KWA, 11kV/3.45kV, 3 phase, 2 winding outdoor, ONAN, 2-7%, Dynl, OFF Circuit taps ±5% in steps 1 of 2.5% (with cable box yepe HV, with bus-duct type LV and with cable box type LVN termination) EXTRA OIL (10%) IN SEALED NON RETURNABLE STANDARD EXTRA OIL (10%) IN SEALED NON RETURNABLE STANDARD DRUMS for 1000kVA, 11kV/0.433kV, 3 phase, 2 winding, outdoor, OMAN, 2-5.0%, DYMI, OFF Citcut taps 5-5% in steps of 2.5% (with cable box type HV, with bus-duct type LV and with solidly grounded LVN termination) DRUMS for 2500kVA, 11kV/0.433kV, 3 phase, 2 winding, outdoor, OMAN, 2=10.03, pm, J. OF Circuit taps ±5% in steps of 2.5% (with cable box type HV, with bus-duct type IV and with solidly grounded LVN termination) tem Description Quoted Rate in Words Total in Figures NUMBER# No.

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Dejauly, igned by SWAPAR, ILUNOR For Art Co-Bergott (TRANS TELETRICA SIMPLE), con-FOMER SCTOOR-POLICE TRANSIERIOS, MANAZERARI (19-5-BM), BALL Con-POLICE TRANSIERIOS, MANAZERARI (19-5-BM), BALL CON-POLICE TRANSIERIOS, POLICE TRANSIERIO SEGUENTO TO SAL XA-ANCENDES CONFORMED SEGUENTO TRANSIERIO SEGUENTO TRANSIERIO SEGUENTO POLICE SEGUENTO SEGUENTO SEGUENTO POLICE SEGUENTO SEGU

Fender Inviting Authority: Bharat Heavy Electricals Limited-Project Engineering Management, Noida

Name of Work: BOQ cum PRICE SCHEDULE OF TYPE / SPECIAL TEST OF OIL FILLED SERVICE TRANSFORMER FOR 3X800 MW PVUNL PATRATU TPP PHASE-I

Tender Enquiry No.: PE/PG/PA1/E-6821/2021 dt. 02/12/2021

Name of the Bidder/Bidding Firm/Company:

NOTES:

. CHARGES FOR CARRYING OUT SHORT CIRCUIT TEST SHALL BE PAYABLE BASED ON ACTUAL INVOICE FROM DESIGNATED LABORATORIES (CPR.), BHOPAL / CPR.), BANGALORE FEDARA, VADODARA) WITH AN ADDITIONAL LUMP SUM AMOUNT OF 5% OF EX-WORKS PRICE OF TRANSFORMER BEING TESTED TO COVER HANDLING COSTS

(TRANSPORTATION, INSURANCE ETC.)
- LAIR GASE SPECIAL TESTS ARE WALED, THE TYPE / SPECIAL TEST CHARGES SHALL NOT BE PAYMBLE TO THE BIDDER.
- S. CHARGES FOR ALL TYPE / SPECIAL TESTS EXCEPT SHORT CRECLIFES THALL BE CONSIDERED FOR PRICE COMPARISONS PURPOSE.
- IN CASE ANY OF THE TYPE / SPECIAL TESTS ARE REQUIRED TO BE REPEATED. THEN SAME SHALL BE CARRIED OUT BY THE VENDOR WITHOUT ANY COMMERCIAL / DELIVERY IMPLICATION TO BHEL.

# GIGN	TEVT #	NIIMBED #	# 15/1	NIIMBED	1571#	WIIMBED #	MINABED	1571	NIINABED	MINABED	# 03000	NI INA DED #	TEVT #
S. No.	Item Description		Units	HSN Code	Quoted Currency in INR / Other Currency	Quoted UNIT EX-WORKS Currency in INR PRICE in Figures To / Other be entered by the Bidder	TOTAL EX- WORKS PRICE	YPE	GST RATE	GST AMOUNT	TOTAL AMOUNT Without Taxes TOTAL EX-WORKS + FREIGHT)	TOTAL AMOUNT With Taxes (TOTAL EX-WORKS + FREIGHT + GST)	TOTAL AMOUNT In Words
1	2	4	2	7	12	13	14	18	20	21	53	54	55
1	1000kVA, 11kV/0.433kV, 3 phase, 2 winding outdoor, ONAN, 2=5.0%, Dyn.1. OFF Circuit taps 15% in steps of 2.5% (with cable box type HV, with bus-duct type LV and with solidly grounded LVN termination)												
1.1	TANK PRESSURE TEST	1	No	998346	INR		0.0000			0.0000	0.000	0.000	INR Zero Only
1.2	TANK VACUUM TEST	1	No	998346	INR		0.0000			0.0000	0.000	0.000	INR Zero Only
1.3	MEASUREMENT OF ACOUSTIC NOISE LEVEL AS PER NEMA TR-1 (SPECIAL TEST)	1	No	998346	INR		0.0000			0.0000	0.000	0.000	INR Zero Only
1.4	TEMPERATURE RISE TEST AT A TAP CORRESPONDING TO MAXIMUM LOSSES. (Gas Chromatography shall be conducted on oil sample taken before & immediately after temp. rise test, Gas analysis shall be as per IS: 9434 (based on IEC. 60597), results will be interpreted as per IS: 10593 (based on IEC. 60599). Result shall be recorded for future reference).	1	No	998346	INR		0.0000			0.0000	0.000	0.000	INR Zero Only
1.5	LIGHTNING IMPULSE (FULL & CHOPPED WAVE) TEST ON WINDINGS (AS PER IEC 60076-3)	1	No	998346	INR		0.0000			0.0000	0000	0.000	INR Zero Only
1.6	SHORT CIRCUIT TEST (SPECIAL TEST) AS PER IEC 60076-5 (AS PER NOTE 1 ABOVE)	1	No	998346	INR		0.0000			0.0000	0.000	0.000	INR Zero Only
2	1600kVA, 11kV/0.433kV, 3 phase, 2 winding outdoor, ONAN, 2-6.25%, Dyn1, OFF Circuit taps ±5% in steps of 2.5% (with cable box type HV, with bus-duct type LV and with solidly grounded LVN termination)												
2.1	TANK PRESSURE TEST	1	No	998346	INR		0.0000			0.0000	0.000	0.000	INR Zero Only
2.2	TANK VACUUM TEST	1	No	998346	INR		0.0000			0.0000	0.000	0.000	INR Zero Only
2.3	MEASUREMENT OF ACOUSTIC NOISE LEVEL AS PER NEMA TR-1 (SPECIAL TEST)	1	No	998346	INR		0.0000			0.0000	0.000	0.000	INR Zero Only
2.4	TEMPERATURE BISE TEST AT A TAP CORRESPONDING TO MAXINUM LOSSES, GREE STOM matergraph shall be conducted on oil sample taken before & immediately after temp. rice test, Gas analysis shall be as per IS: 9434 (based on IEC, 60597), results will be interpreted as per IS: 10593 (based on IEC, 60599). Result shall be recorded for future reference).	1	No	998346	INR		0.0000			0.0000	0.000	0.000	INR Zero Only
2.5	LIGHTNING IMPULSE (FULL & CHOPPED WAVE) TEST ON WINDINGS (AS PER IEC 60076-3)	1	No	998346	INR		0.0000			0.0000	0.000	0.000	INR Zero Only
2.6	SHORT CIRCUIT TEST (SPECIAL TEST) AS PER IEC 60076-5 (AS PER NOTE 1 ABOVE)	1	No	998346	INR		0.000			0.0000	0.000	0.000	INR Zero Only

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m	2500kVA, 11kV/0.433kV, 3 phase, 2 winding, outdoor, ONAN, Z=10.0%, Dyn1, OFF Greuit tape ±5% in steps of 2.5% (with cable box type HV, with bus-duct type LV and with solidly grounded LVN termination)										
3.1	TANK PRESSURE TEST	No	998346	INR		0.0000	3	0.0000	0.000	0.000	INR Zero Only
3.2	TANK VACUUM TEST	No	998346	INR		00000	0	0.0000	0.000	0000	INR Zero Only
3.3	MEASUREMENT OF ACOUSTIC NOISE LEVEL AS PER NEMA 1 TR-1 (SPECIAL TEST)	o _N	998346	INR		0.0000	0	0.0000	0.000	0.000	INR Zero Only
3.4	TEMPERATURE RISE TEST AT A TAP CORRESPONDING TO MAXIMUM LOSSES, Loca Chromatography shall be conducted on oil sample taken before & immediately after temp. The test, Gas analysis shall be as per IS: 10938 do nIEC; 60567), results will be interpreted as per IS: 110393 (based on IEC; 60599). Result shall be recorded for future reference).	o Z	998346	INR	_	0.0000	3	0.0000	0.000	0.000	INR Zero Only
3.5	LIGHTNING IMPULSE (FULL & CHOPPED WAVE) TEST ON 1 WINDINGS (AS PER IEC 60076-3)	No	998346	INR		0.0000	0	0.0000	0.000	0.000	INR Zero Only
3.6	SHORT CIRCUIT TEST (SPECIAL TEST) AS PER IEC 60076-5 1 (AS PER NOTE 1 ABOVE)	o _N	998346	INR		0.0000	0	0.0000	0.000	0.000	INR Zero Only
4	5000kVA, 11kV/3.45kV, 3 phase, 2 winding, outdoor, ONAN, 2=7%, Dyn.1, OFF Circuit Isps ±3% in steps of 2.5% (with cable box type HV, with bus-duct type LV and with cable box type LV unit bus-duct type LV and with cable box type LVI termination)										
4.1	TANK PRESSURE TEST	No	998346	INR		00000	J	0.0000	0.000	0.000	INR Zero Only
4.2	TANK VACUUM TEST	No	998346	INR		00000	0	0.0000	0.000	0.000	INR Zero Only
4.3	MEASUREMENT OF ACOUSTIC NOISE LEVEL AS PER NEMA TR-1 (SPECIAL TEST)	No	998346	INR		00000	ס	0.0000	0.000	0.000	INR Zero Only
4.4	TEMPERATURE RISE TEST AT A TAP CORRESPONDING TO MAXIMUM LOSSES, Cast Chromatography shall be conducted on oil sample taken before & Immediately after temp. rise test. Gas analysis shall be as per IS: 9434 1 (based on IEC. 6055), results will be interpreted as per IS: 10539 (based on IEC. 60599). Result shall be recorded for future reference).	o Z	998346	IN		0.0000	0	0.0000	0.000	0.000	INR Zero Only
4.5	LIGHTNING IMPULSE (FULL & CHOPPED WAVE) TEST ON 1 WINDINGS (AS PER IEC 60076-3)	No	998346	INR		0.0000	ס	0.000.0	0.000	0.000	INR Zero Only
4.6	LIGHTNING IMPULSE ON NEUTRAL	No	998346	INR		0.0000	0	0.0000	0.000	0.000	INR Zero Only
4.7	SHORT CIRCUIT TEST (SPECIAL TEST) AS PER IEC 60076-5	No	998346	INR	-	0.0000	0	0.0000	0.000	0.000	INR Zero Only

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Tender Inviting Authority: Bharat Heavy Electricals Limited-Project Engineering Management, Noida

Name of Work: COST OF WITHDRAWAL FOR OIL FILLED SERVICE TRANSFORMER FOR 3X800 MW PVUNL PATRATU TPP PHASE-I

2021 dt. 02/12/2021

Name of work. COST OF WITHDEAVAR. Tender Enquiry No.: PE/PG/PA1/E-6821.	
Tender Enquiry No	Name of the Bidder/ Bidding Firm / Company:

ANNEXURE-II (COST OF WITHDRAWAL)

1. Cos of Withdrawal of deviation will be applicable on the basic price (i.e. excluding taxes, duties & freight) only.

2. All the bidders have to ist our all their rechnical & commercial deviations (if any) in details in the above format.

2. All the bidders have to ist our all their rechnical & commercial deviations (if any) in details in the above format.

3. All the bidders have to ist our all their rechnical & commercial deviations (if any) in details in the above format.

4. Bidder shall be considered and so do so do so format all their indications of above format along with price bid.

5. Bidder shall furnish price copy of above format along with price bid.

6. Bidder shall furnish price copy of above format along with price bid.

7. Bidder shall furnish by the deviation of the purhament of the strate of the purhament of the strate of the purhament of the considered.

8. Bidder shall furnish the deviation of the purhament of the considered.

8. Bidder shall furnish the deviation price bid.

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9. Bidder shall furnish the deviation price bid.

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12. Bidder shall furnish the considered by the burhament of the considered.

13. Bidder shall furnish the considered and shall be considered.

14. Bidder shall furnish the considered by the considered by the considered.

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16. Bidder shall be considered by the consid

the cost of withdrawl of deviation shall be taken as NIL.

9. Any deviation mentioned in priced copy of this format, but not mentioned in the un-priced copy, shall not be accepted.
 10. All techno-commercial terms and conditions of NIT shall be deemed to have been accepted by the bidder, other than those listed in unpriced copy of this format.
 11. Cost of withdraw list be given seperately for each deviation. In no event bidder, should club cost of withdraw of more than one deviation in no event bidder, should club cost of withdraw lossing registry for separate shall be assumed as positive.
 12. In osee abarter of cost of withdraw (positive/megative) is not specified it shall be assumed as positive.
 13. In case of descrepancy in the nature of formative/megative), positive will be considered for evaluation and negative, or ordering.





PRE - QUALIFYING REQUIREMENTS

ENQUIRY NO:	
PROJECT :	3 X 800 MW PVUNL PATRATU TPP PHASE - I
PACKAGE:	OIL FILLED SERVICE TRANSFORMER

CRITERIA FOR EVALUATION - FINANCIAL:

Amount (in Rs.)

Average annual financial turnover during the last Three Financial Years should not be less than

Rs.6,68,00,000.00

Rupees Six Crore Sixty Eight Lakh(s) Only

Notes:-

- a) The bidder has to submit financial accounts (audited, if applicable comprising of Audit report, Balance Sheet, Profit & Loss A/c Statement and Notes/Schedules pertaining to Turnover/Sales/Revenue), for last three years (or from the date of incorporation, whichever is less) as on tender due date to review the above criteria. In case the incorporation of vendor is less than 3 years, average annual financial turnover shall be calculated based on available information as below:-
- i) If the accounts are available for <= 1 Financial Year, the Average Annual Turnover shall be calculated based on available information divided by 1 (One).
- ii) If the accounts are available for >1 but < = 2 Financial Years, the Average Annual Turnover shall be calculated based on available information divided by 2 (Two).
- iii) If the accounts are available for >2 but <= 3 Financial Years, the Average Annual Turnover shall be calculated based on available information divided by 3 (Three).
- b) Foreign bidder is to submit a latest report from reputed third party business rating agency like Dun & Bradstreet, Credit reform etc. in addition to the documents mentioned at point (a) above for review of above criteria.
- c) Other Income shall not be considered for arriving at Annual Turnover/Sales. For evaluation purpose, Turnover figure excluding taxes shall be considered.
- d) For evaluation of foreign bidder, exchange rate (TT selling rate of SBI) as on scheduled date of tender opening (Part-I bid in case of two part bid) shall be considered.

Letter head of CA/ Statutory auditor / Cost auditor (>Rs. 10 Cr value)

Ref:	Date:
То,	
Bharat Heavy Electricals Limited	
PEM, PPEI Building, Plot No 25,	
Sector -16A, Noida (U.P)-201301	
Subject: - Certification regarding lo	cal content
Reference: Tender Enquiry No	
Name of Package:	
Dear Sir,	
We hereby certify that items of(package Name/Rate Contract)offered by M/shaving its registered works at	(bidder's name)
Further, M/s(bidder's name) mecontent in line with clause no of NIT no	dated and the Public
04.06.2020 & 16.09.2020.	
Thanking You.	
For	r (CA/Cost Firm Name with FRN & Seal)
	Chartered/Cost Accountants
	(name of Member)
	(Membership no.)
	(UDIN no.)

Guidelines for Remote Inspection of PEM BOIs

1) OBJECTIVE:

To lay down the procedure for carrying out Remote Inspection of Bought-out Items (BOIs) for PEM suppliers wherever applicable.

2) SCOPE:

It will cover suppliers for packages of PEM BOIs for various project requirements.

Invitation is sent to the suppliers for remote inspection on applications like MS Teams, Webex, etc. by BHEL.

3) MINIMUM REQUIREMENTS AT SUPPLIER'S WORKS:

- i. Uninterrupted internet services
- ii. Good internet bandwidth (Min 100 Mbps)
- iii. Good resolution camera (2 nos) one preferably CCTV (static at one place) and one hand hold (moving)
- iv. Smart phone with minimum 8MPi camera front and back both with optical zoom facility suitable for using web applications like Webex, MicroSoft (MS) Teams, etc.
- v. Computer and Scanner with good resolution
- vi. Digital signatures of supplier's Quality Engineer
- vii. Availability of web applications like Webex, MicroSoft (MS) Teams, as required.
- viii. All Test certificates, internal test reports, calibration reports, etc. for the items offered for inspection.
- ix. Availability of the above to be submitted to BHEL two days in advance before inspection.
- x. Dedicated team from supplier side for facilitating inspection requirements.
- xi. For ensuring proper visibility, the suggested Portable lighting sources (torch/ electric LED bulb of minimum 15 W) with no glare is to be ensured at offered job, location for remote inspection/testing. This is to be verified before start of the inspection.
- xii. The GPS location co-ordinates or any method to locate inspection location shall be captured indicating the location of the Vendor-Premises of remote inspection/testing.

4) MINIMUM REQUIREMENTS AT BHEL and CUSTOMER LOCATION:

- i. Uninterrupted internet services
- ii. Suitable internet bandwidth
- iii. Digital signatures wherever required.
- iv. Availability of web applications like Webex, MS Teams, etc. as required.
- v. Clearance from customer for conducting remote inspection

5) PROCEDURE:

- i. Supplier will raise the inspection call in BHEL CQIR portal.
- ii. Supplier shall ensure availability of minimum requirements at supplier's works as mentioned above at point 3.

- iii. Before starting the inspection, the supplier shall submit the documents (TCs, internal test reports and calibration certificates as per approved QAP) two days before the date of inspection for review by BHEL and supplier shall coordinate with BHEL and if found satisfactory, inspection shall be considered for remote.
- iv. Prior to commencement of remote inspection a pre inspection meeting shall be organised by BHEL inspector with supplier to ascertain the readiness for remote inspection.
- 6) During inspection, supplier shall share the location on Google maps for verifying the address of the manufacturer. Location may be captured by BHEL as screenshot.
 - i. Inspection shall be on the basis of approved Quality Plans and associated reference documents mentioned.
 - ii. For witnessing inspection, supplier shall bring the mobile video camera near to the surface of the equipment or as per requirement of the inspector for clarity in viewing the test/ equipment which shall be the responsibility of supplier. Supplier shall ensure that proper lighting in available during live video streaming.
 - iii. Before start of the inspection, inspector shall ensure that all instruments shall have valid calibration report. Supplier shall ensure use of digital instruments preferably for inspection to the extent possible.
 - iv. Details of suppliers's dedicated team handling the remote inspection shall also be incorporated in the CQIR.
 - v. All details of inspection/ testing referred documents shall be mentioned in the CQIR. Recording of remote inspection shall be maintained by the BHEL inspector and this recording (unedited) shall be maintained at BHEL system for a minimum period of 3 years or till the warranty period whichever is later.
 - vi. PEM (Engineering) shall accord final technical clearance, in case of any deviation in inspected item noticed during inspection.
 - vii. Inspection shall be conducted by PEM-Q&BE assigned inspector along with PEM-Engg (if required). CQIR shall be prepared and maintained by PEM-Q&BE.
 - viii. PG will issue MDCC on the basis of acceptance of inspected items along with accepted packing photographs as per contract provisions.
- 7) **UNDERTAKING BY VENDOR:** Material inspected through remote inspections is meeting all technical requirements of BHEL. In case of any discrepancy from the above procedure/ material inspected, if found later, vendor will replace the materials without any cost implication to BHEL.
- 8) Vendor shall provide the signed and stamped of the above guidelines to BHEL as a token of acceptance.



CORPORATE QUALITY ASSURANCE/ कॉरपोरेट गुणवत्ता आश्वासन MAIN CONTRACTOR'S PROPOSAL CUM EVALUATION REPORT मुख्य संविदाकार प्रस्ताव सह मुल्यांकन रिपोर्ट

Ref N	o:				Date:			
संदर्भ	र्सं.:				तिथिः			
i.		Contractor संविदाकार						
ii.	Projec	ct परियोजना						
iii.	Packa	ige Name पैकेज			1	Package No पैकेज		
	का ना	म			-	सं.		
iv.	_	osed Item/Scope o (अनुबंध) का प्रस्ता	of Sub-contracting उप- वित मद्/ दायरा		'		-	
v.		covered under नेखित के अंतर्गत न मद	Schedule-1 /अनुसूची- 1 Schedule-2 अनुसूची	2		r contract clause N के अनुसार खंड सं.		
vi.	indige contro मद अर् है, तो	enous, Main Cont actual provisions नुसूची -1 है और प्रस् मुख्य संविदाकार के	-तावित उप-विक्रेता स्वदेशी हो स्पष्ट करना होगा कि संविदा/	/यदि अनुबंध				
vii.		धान कैसे पूरे किए उ e and Address of t	जाएग the proposed Sub-vendor's	 works /प्रस्तावि	त सब-वेंडर	का नाम तथा पता		
viii.			tart of manufacturing (if se २ नेटवर्क के अनुसार विनिर्माण (
ix.	Item I (Type, Sub-C का विव	Description /Size/Rating/Sco contracting) वरण (प्रकार / आका अनुबंध का दायरा)	Total quantity of proposed item मद envisaged in th	of Qua proc sub- Met 5/ Kgs/ प्रस्ता किया किया वित मद टन अ झ्या /	ntity propo cured from vendor (No. ers /Kgs / वित उप-विन्ने शिल मीटर / गादि) से खरीद	proposed to be proposed per proposed p	project posed Su quate ca er quantit गिजना स त्यकताओं वित उप-रि	quantity requirements as schedule & whether the ub-vendor equipped with pacity to supply proposed y in time / मय सूची के अनुसार मात्रा के लिए समय-सीमा और क्या विक्रेता समय पर प्रस्तावित मांग पूर्ति करने में पूरी तरह से सक्षम
х.	contro	acting, for last 3 ृ ere) पिछले 3 वर्षो	years (Note:- Only relevant ौं के लिए उप-अनुबंध के सम	experience de ान मद / दायरे	e tails w.r.t. के लिए प्रस्	proposed item/sc तावित सब-वेंडर (ग	ope of su मुख्य संवि	similar item/scope of sub- bcontracting to be brought दाकार हेतु आपूर्ति, यदि कोई भव के विवरण का उल्लेख हो



CORPORATE QUALITY ASSURANCE/ कॉरपोरेट गुणवत्ता आश्वासन MAIN CONTRACTOR'S PROPOSAL CUM EVALUATION REPORT मुख्य संविदाकार प्रस्ताव सह मुल्यांकन रिपोर्ट

	Project/Package परियोजना/पैकेज	Customer Name ग्राहक का नाम	Supplied Item (Type/Rating/Model /Capacity/Size etc) आपूर्तित मद (प्रकार/रेटिंग /मॉडल /क्षमता/आकार आदि)	no/date पीओ संदर्भ	Supplied Quantity आपूर्ति की मात्रा	Date of Supply आपूर्त्ति की तिथि
We co	onfirm that as per our ass	essment, the proposed su	ıb-vendor has requisite capal	bilities & supply	experience a	nd is suitable for
supply	ring the proposed item/sco	pe of sub-contracting/हम	अपने आकलन के अनुसार इस	बात की पुष्टि कर	ते हैं कि, प्रस्तार्ग	वेत उप-विक्रेता के
पास अ	।पेक्षित क्षमता और आपूर्ति व	करने का अनुभव है और उप <mark>-</mark>	अनुबंध के दायरे /प्रस्तावित मद	की आपूर्ति के वि	लेए उपयुक्त है।	
Name	:	Desig:	Contact No:	Sign:		Date:
नाम:		पद:	दूरभाष सं.:	हस्ताक्षर:		तिथि:

Company's Seal/Stamp:- कंपनी का मुहर:-



CORPORATE QUALITY ASSURANCE/ कॉरपोरेट गुणवत्ता आश्ववासन SUB-VENDOR QUESTIONNAIRE/ **सब-वेंडर प्रश्नावली**

i.	Item/Scope of Sub-contracting			
	उप-संविदा(अनुबंध) का मद/ दायरा			
ii.	Address of the registered office पंर्ज	कृत कार्यालय का पता	Details of Contact Person संपर्क	व्यक्ति का विवरण
			(Name Designation Mobile Fu	·· ·· ·· ·· · · · · · · · · · · · · ·
			(Name, Designation, Mobile, En मोबाइल, ईमेल)	<i>naii)</i> (नाम, पदनाम,
			(11912/1)	
iii.	Name and Address of the proposed		Details of Contact Person: संपर्क	व्यक्ति का विवरण
	where item is being manufactured			
	कार्यों का नाम और पता, जहां मद का नि	मोण किया जा रहा है	(Name, Designation, Mobile, En	<i>nail)</i> (नाम, पदनाम,
			मोबाइल, ईमेल)	
iv.	Annual Production Capacity for pro			
	contracting उप-संविदा(अनुबंध) के	प्रस्तावित मद / दायरे के		
	लिए वार्षिक उत्पादन क्षमता			
v.	Annual production for last 3 years			
	of sub-contracting उप-संविदा(अनुबं के लिए पिछले 3 वर्षों का वार्षिक उत्पादन			
vi.	, .			
VI.	Details of proposed work	<i>s</i> प्रस्ताावत काया का ावव	रण	
1.	Year of establishment of present w स्थापना का वर्ष	orks वर्तमान फैक्टरी की		
<i>1</i> .	स्थापना का वर्ष Year of commencement of manufac	cturing at above works		
	स्थापना का वर्ष Year of commencement of manufact उपरोक्त फैक्टरी में निर्माण कार्य शुरू	cturing at above works होने का वर्ष		
	स्थापना का वर्ष Year of commencement of manufac उपरोक्त फैक्टरी में निर्माण कार्य शुरू Details of change in Works address	cturing at above works होने का वर्ष in past (if any पूर्व में		
2.	स्थापना का वर्ष Year of commencement of manufact उपरोक्त फैक्टरी में निर्माण कार्य शुरू	cturing at above works होने का वर्ष in past (if any पूर्व में		
2.	स्थापना का वर्ष Year of commencement of manufac उपरोक्त फैक्टरी में निर्माण कार्य शुरू Details of change in Works address	cturing at above works होने का वर्ष in past (if any पूर्व में		
2. 3.	स्थापना का वर्ष Year of commencement of manufactory उपरोक्त फैक्टरी में निर्माण कार्य शुरू Details of change in Works address फैक्टरी स्थल में परिवर्तन का विवरण Total Area कुल क्षेत्र Covered Area शामिल क्षेत्र	cturing at above works होने का वर्ष in past (if any पूर्व में (यदि कोई हो))		
2. 3.	स्थापना का वर्ष Year of commencement of manufact उपरोक्त फैक्टरी में निर्माण कार्य शुरू Details of change in Works address फैक्टरी स्थल में परिवर्तन का विवरण Total Area कुल क्षेत्र	cturing at above works होने का वर्ष in past (if any पूर्व में (यदि कोई हो))	Details attached at Annexure –	F2.1 विवरण
 3. 4. 	स्थापना का वर्ष Year of commencement of manufactory उपरोक्त फैक्टरी में निर्माण कार्य शुरू Details of change in Works address फैक्टरी स्थल में परिवर्तन का विवरण Total Area कुल क्षेत्र Covered Area शामिल क्षेत्र	cturing at above works होने का वर्ष in past (if any पूर्व में (यदि कोई हो))	अनुलग्नक- एफ 2.1 पर संलग्न है	
 3. 4. 	स्थापना का वर्ष Year of commencement of manufactory उपरोक्त फैक्टरी में निर्माण कार्य शुरू Details of change in Works address फैक्टरी स्थल में परिवर्तन का विवरण Total Area कुल क्षेत्र Covered Area शामिल क्षेत्र	cturing at above works होने का वर्ष in past (if any पूर्व में (यदि कोई हो))	अनुलग्नक- एफ 2.1 पर संलग्न है Applicable / Not applicable if m	nanufacturing is as
 3. 4. 5. 	स्थापना का वर्ष Year of commencement of manufact उपरोक्त फैक्टरी में निर्माण कार्य शुरू Details of change in Works address फैक्टरी स्थल में परिवर्तन का विवरण Total Area कुल क्षेत्र Covered Area शामिल क्षेत्र Factory Registration Certificate फैक् और विकास सेटअप (No. of manp	cturing at above works होने का वर्ष in past (if any पूर्व में (यदि कोई हो)) टरी पंजीकरण प्रमाण पत्र et-up डिजाइन / अनुसंधान ower, their qualification,	अनुलग्नक- एफ 2.1 पर संलग्न है Applicable / Not applicable if m per Main Contractor/purchaser	nanufacturing is as
 3. 4. 5. 	स्थापना का वर्ष Year of commencement of manufactory उपरोक्त फैक्टरी में निर्माण कार्य शुरू Details of change in Works address फैक्टरी स्थल में परिवर्तन का विवरण Total Area कुल क्षेत्र Covered Area शामिल क्षेत्र Factory Registration Certificate फैक् Design/ Research & development s	cturing at above works होने का वर्ष in past (if any पूर्व में (यदि कोई हो)) टरी पंजीकरण प्रमाण पत्र et-up डिजाइन / अनुसंधान ower, their qualification,	अनुलग्नक- एफ 2.1 पर संलग्न है Applicable / Not applicable if m per Main Contractor/purchaser Details attached at Annexure –	nanufacturing is as design) F2.2
 3. 4. 5. 	स्थापना का वर्ष Year of commencement of manufact उपरोक्त फैक्टरी में निर्माण कार्य शुरू Details of change in Works address फैक्टरी स्थल में परिवर्तन का विवरण Total Area कुल क्षेत्र Covered Area शामिल क्षेत्र Factory Registration Certificate फैक् और विकास सेटअप (No. of manp	cturing at above works होने का वर्ष in past (if any पूर्व में (यदि कोई हो)) टरी पंजीकरण प्रमाण पत्र et-up डिजाइन / अनुसंधान ower, their qualification, (श्रमिकों की संख्या, उनकी	अनुलग्नक- एफ 2.1 पर संलग्न है Applicable / Not applicable if m per Main Contractor/purchaser Details attached at Annexure — (if applicable) लागू / लागू नहीं, इ	nanufacturing is as design) F2.2 अगर विनिर्माण मुख्य
 3. 4. 5. 	स्थापना का वर्ष Year of commencement of manufactory परोक्त फैक्टरी में निर्माण कार्य शुरू Details of change in Works address फैक्टरी स्थल में परिवर्तन का विवरण Total Area कुल क्षेत्र Covered Area शामिल क्षेत्र Factory Registration Certificate फैक् और विकास सेटअप (No. of manp machines & tools employed etc.)	cturing at above works होने का वर्ष in past (if any पूर्व में (यदि कोई हो)) टरी पंजीकरण प्रमाण पत्र et-up डिजाइन / अनुसंधान ower, their qualification, (श्रमिकों की संख्या, उनकी	अनुलग्नक- एफ 2.1 पर संलग्न है Applicable / Not applicable if m per Main Contractor/purchaser Details attached at Annexure – (if applicable) लागू / लागू नहीं, उ संविदाकार / खरीददार के डिजाइ	nanufacturing is as design) F2.2 अगर विनिर्माण मुख्य न के अनुसार है)
 3. 4. 5. 	स्थापना का वर्ष Year of commencement of manufactory परोक्त फैक्टरी में निर्माण कार्य शुरू Details of change in Works address फैक्टरी स्थल में परिवर्तन का विवरण Total Area कुल क्षेत्र Covered Area शामिल क्षेत्र Factory Registration Certificate फैक् और विकास सेटअप (No. of manp machines & tools employed etc.)	cturing at above works होने का वर्ष in past (if any पूर्व में (यदि कोई हो)) टरी पंजीकरण प्रमाण पत्र et-up डिजाइन / अनुसंधान ower, their qualification, (श्रमिकों की संख्या, उनकी	अनुलग्नक- एफ 2.1 पर संलग्न है Applicable / Not applicable if m per Main Contractor/purchaser Details attached at Annexure — (if applicable) लागू / लागू नहीं, इ संविदाकार / खरीददार के डिजाइ विवरण अनुलग्नक —एफ 2.2 पर संव	nanufacturing is as design) F2.2 अगर विनिर्माण मुख्य न के अनुसार है)
 3. 4. 6. 	स्थापना का वर्ष Year of commencement of manufact उपरोक्त फैक्टरी में निर्माण कार्य शुरू Details of change in Works address फैक्टरी स्थल में परिवर्तन का विवरण Total Area कुल क्षेत्र Covered Area शामिल क्षेत्र Factory Registration Certificate फैक् और विकास सेटअप (No. of manp machines & tools employed etc.) योग्यता, मशीन और उपलब्ध उपकरण	cturing at above works होने का वर्ष in past (if any पूर्व में (यदि कोई हो)) टरी पंजीकरण प्रमाण पत्र et-up डिजाइन / अनुसंधान ower, their qualification, (श्रमिकों की संख्या, उनकी ा आदि)	अनुलग्नक- एफ 2.1 पर संलग्न है Applicable / Not applicable if m per Main Contractor/purchaser Details attached at Annexure – (if applicable) लागू / लागू नहीं, इ संविदाकार / खरीददार के डिजाइ विवरण अनुलग्नक –एफ 2.2 पर संव	nanufacturing is as r design) F2.2 अगर विनिर्माण मुख्य न के अनुसार है) लग्न है।
 3. 4. 5. 	स्थापना का वर्ष Year of commencement of manufactory परोक्त फैक्टरी में निर्माण कार्य शुरू Details of change in Works address फैक्टरी स्थल में परिवर्तन का विवरण Total Area कुल क्षेत्र Covered Area शामिल क्षेत्र Factory Registration Certificate फैक् और विकास सेटअप (No. of manp machines & tools employed etc.) योग्यता, मशीन और उपलब्ध उपकरण	cturing at above works होने का वर्ष in past (if any पूर्व में (यदि कोई हो)) टरी पंजीकरण प्रमाण पत्र et-up डिजाइन / अनुसंधान ower, their qualification, (श्रमिकों की संख्या, उनकी ा आदि)	अनुलग्नक- एफ 2.1 पर संलग्न है Applicable / Not applicable if m per Main Contractor/purchaser Details attached at Annexure — (if applicable) लागू / लागू नहीं, उ संविदाकार / खरीददार के डिजाइ विवरण अनुलग्नक —एफ 2.2 पर संव (यदि लागू हो) Details attached at Annexure —	nanufacturing is as r design) F2.2 अगर विनिर्माण मुख्य न के अनुसार है) लग्न है।
 3. 4. 6. 	स्थापना का वर्ष Year of commencement of manufactory परोक्त फैक्टरी में निर्माण कार्य शुरू Details of change in Works address फैक्टरी स्थल में परिवर्तन का विवरण Total Area कुल क्षेत्र Covered Area शामिल क्षेत्र Factory Registration Certificate फैक्टरी और विकास सेटअप (No. of manpmachines & tools employed etc.) योग्यता, मशीन और उपलब्ध उपकरण Overall organization Chart with M (Design/Manufacturing/Quality etc.)	cturing at above works होने का वर्ष in past (if any पूर्व में (यदि कोई हो)) टरी पंजीकरण प्रमाण पत्र et-up डिजाइन / अनुसंधान ower, their qualification, (श्रमिकों की संख्या, उनकी ा आदि) anpower Details tc) मैनपावर विवरण के	अनुलग्नक- एफ 2.1 पर संलग्न है Applicable / Not applicable if m per Main Contractor/purchaser Details attached at Annexure – (if applicable) लागू / लागू नहीं, इ संविदाकार / खरीददार के डिजाइ विवरण अनुलग्नक –एफ 2.2 पर संव	nanufacturing is as r design) F2.2 अगर विनिर्माण मुख्य न के अनुसार है) लग्न है।
 3. 4. 5. 6. 	स्थापना का वर्ष Year of commencement of manufactory परोक्त फैक्टरी में निर्माण कार्य शुरू Details of change in Works address फैक्टरी स्थल में परिवर्तन का विवरण Total Area कुल क्षेत्र Covered Area शामिल क्षेत्र Factory Registration Certificate फैक् और विकास सेटअप (No. of manp machines & tools employed etc.) योग्यता, मशीन और उपलब्ध उपकरण	cturing at above works होने का वर्ष in past (if any पूर्व में (यदि कोई हो)) टरी पंजीकरण प्रमाण पत्र et-up डिजाइन / अनुसंधान ower, their qualification, (श्रमिकों की संख्या, उनकी ा आदि) anpower Details tc) मैनपावर विवरण के	अनुलग्नक- एफ 2.1 पर संलग्न है Applicable / Not applicable if m per Main Contractor/purchaser Details attached at Annexure — (if applicable) लागू / लागू नहीं, उ संविदाकार / खरीददार के डिजाइ विवरण अनुलग्नक —एफ 2.2 पर संव (यदि लागू हो) Details attached at Annexure —	nanufacturing is as r design) F2.2 अगर विनिर्माण मुख्य न के अनुसार है) लग्न है।



CORPORATE QUALITY ASSURANCE/ कॉरपोरेट गुणवत्ता आश्ववासन SUB-VENDOR QUESTIONNAIRE/ **सब-वेंडर प्रश्नावली**

8.	Δfter	sales service	set up in India, in case of foreign	n suh-	Annlinghla /	Alat amulianbla dili	्र साम उनी
δ.	-		ontact Person, Contact details etc.)		Applicable /	Not applicable लागू	्र लागू नहा
			गापना के बाद, विदेशी उप-विक्रेता के		Dotails atta	ched at Annexure – I	E2 4 विवस्ण
			ते, संपर्क विवरण आदि)	पापरा	अनुलग्नक -2.4 पर संलग्न है।		
			pcess execution plan with flow	chart			
9.			stages of manufacturing from		Details attached at Annexure – F2.5 विवरण		
		_	I product including outsourced product		अनुलग्नक - F2	2.5में संलग्न है।	
		-	विनिर्माण प्रक्रिया निष्पादन योजना ,	-			
	-	_	यदि कोई हो, सहित कच्चे माल से				
			ा के विभिन्न चरणों को दर्शाया गया ह <u>ो</u>				
10.			terial/Major Bought Out Item कच्चे ।	<u> </u>	Details attac	ched at Annexure – I	F2.6 विवरण
		खरीदे हुए मुख	,			2.6में संलग्न है।	
11.			rcised during receipt of raw materia	I/BOI,		ched at Annexure – I	
			esting, packing कच्चे माल / खरीदे ह			2.7 पर संलग्न है	
	प्रक्रियाबद्ध, अंतिम परीक्षण, पैर्किंग करते समय गुणवत्ता नियंत्र			-			
12.	Manu	ıfacturing faci	lities		Details attac	ched at Annexure – I	F2.8 विवरण
	(List of machines, special process facilities, material handling etc.)					2.8में संलग्न है।	
विनिर्माण सुविधा(मशीनों की सूची,विशेष प्रक्रिया			वेधाए,				
	सामग्री रख-रखाव आदि)						
13.			st of testing equipment)		Details attached at Annexure – F2.9 विवरण		
			रीक्षण उपकरण की सूची)		अनुलग्नक – F2. 9 में संलग्न है।		
14.	-		process involves fabrication then	- यदि	Applicable / Not applicable लागू / लागू नहीं		
			ब्रिकेशन की गई है तो-		Details attached at Annexure - F2.10 विवरण अनुलग्नक - F2.10में संलग्न है। (if applicable) लागू / लागू नहीं		
			lders पात्र वेल्डर की सूची				
			OT personnel with area of speciali	zation			
			हित पात्र एनडीटी कार्मिकों की सूची				0:
15.		-	d manufacturing processes with		Applicable /	Not applicable लागृ	्/ लागू नहीं
			addresses सब-वेंडर द्वारा बाह्य स्रोतों		Details attacked at Assessment 52.11 February		
	नामः	आर पत साहत)	से करवाएं गए निर्माण प्रक्रियाओं की	सूचा	Details attached at Annexure. –F2.11 विवरण		
				अनुलग्नक - F2.10में संलग्न है। (if applicable) (यदि लागू हो)			
16.			list including recent supplies नर्व	ोनतम	Details attached at Annexure – F2.12		
	आपूरि	र्न सहित आपूर्ति	संदर्भ सूची		विवरण अनुलग्नक - F2.12 में संलग्न है। (as per format given below) (नीचे दिए गए प्रारूप के		
					' ' '	at given below) (नी	च ।दए गए प्रारूप क
Project	·/	Customer	Supplied Item (Type/Rating/Model		अनुसार)	Supplied Quantity	Date of Supply
packag	je	Name ग्राहक	/Capacity/Size etc) आपूर्ति की गई वस्तु	-	no/date पीओ सं / चिकि	आपूर्ति की मात्रा	आपूर्ति की तारीख
परियो		का नाम	(प्रकार / रेटिंग / मॉडल /क्षमता /	सदभ	सं. / तिथि		
/पैकेज			आकार आदि)				
17.	Produ	ıct satisi	l factory performance fee	dback	Attached at	unnexure - F2.13 अ	<u>।</u> नलगुक F2 २पर
1/.		-	End User Feedback उत्पाद के संतो		संलग्न है	umexure - FZ.13 ♥	3.14712.37
		-	पत्र / प्रमाण पत्र / अंतिम उपयोगकर्ता र्फ़		বিপাস চ		
					1		



CORPORATE QUALITY ASSURANCE/ कॉरपोरेट गुणवत्ता आश्ववासन SUB-VENDOR QUESTIONNAIRE/ **सब-वेंडर प्रश्नावली**

18.	Summary of Type Test Report (Type Test	Report No,	Applica	ble / No	t applicable लागू	[/ लागु न	 गहीं	
	Agency, Date of testing) for the proposed	product		• •	•		, ,	
	(similar or higher rating) प्रस्तावित उत्पाद (एक समान या उच्च रेटिंग							
	वाले) के लिए टाइप टेस्ट रिपोर्ट (टाइप टेस्ट वि	वेवरण, रि	पोर्ट संख्या,	Details	attache	d at Annexure –	F2.14 वि	वरण
	एजेंसी, जांच की तारीख) का सारांश					4में संलग्न है		
	नोट: - रिपोर्ट प्रस्तुत करने की आवश्यकता नहीं है	5				गदि लागू हो)		
	Note:- Reports need not to be submitted	-		(іј арріі	cable) (<	गांद लागू हा)		
19.	Statutory / mandatory certification for the	propose	ed product	Applica	ble / No	t applicable लागृ	[/ लागू न	नहीं नहीं
	प्रस्तावित उत्पाद के लिए वैधानिक / अनिवा	र्य प्रमाणी	करण			•		
				Details	attache	d at Annexure –	F2.15	
				(if appli	icable) (^२	पदि लागू हो)		
20.	Copy of ISO 9001 certificate आईएसओ 900	1 प्रमाण प	गत्र की प्रति	Attache	d at Anı	nexure – F2.16 अ	नुलग्नकः	में संलग्न -
	(if available(यदि उपलब्ध हो)			F2.1 6 है				
21.	Product technical catalogues for proposed			Details	attache	d at Annexure –	F2.17 वि	वरण
	प्रस्तावित मद के लिए उत्पाद तकनीकी कैटलॉ	ग (यदि उ	पलब्ध हो)	अनुलग्नव	र्क - F2.1 र	7 में संलग्न है		
						•		
Name	:	Desig:			Sign:		Date:	
नाम:		पढः			हस्ता		तिथि:	
11111		. 4.			`		1117.	
					क्षर:			

Company's Seal/Stamp:- कंपनी की मुहर / मोहर: -





PEM / PG-III, BHEL, Noida

SPECIAL CONDITIONS OF CONTRACT (SCC) Rev-0

3 x 800 MW PVUNL PATRATU TPP PHASE-I (Job No. 434)

These Conditions shall be read and construed along with General Conditions of Contract (GCC) rev.06 & GST related Corrigendum to GCC rev.06, to be enclosed along with the tender enquiry. In case of any conflict or inconsistency, the conditions given in SCC shall prevail over the GCC and its corrigendum.

SI No.	Title	Description
1.	Project Name	3 x 800 MW PVUNL PATRATU TPP PHASE-I (EPC)
2.	Nature of project & Type of Bidding	Non-Mega & ICB (International Competitive Bidding)
3.	Customer Order Ref No	01/PVUNL-CS-9585-001-2/NOA-FC dated 08.03.2018 01/PVUNL-CS-9585-001-2/NOA-SC dated 08.03.2018 01/PVUNL-CS-9585-001-2/NOA-TC dated 08.03.2018
4.	BHEL's Customer	PATRATU VIDYUT UTPADAN NIGAM LIMITED (subsidiary of NTPC Limited in joint venture with JBVNL)
5.	PVUNL GST No.	20AAICP3718K1ZH
6.	Customer Consultants	No consultant
7.	Consignee Address (Bill To)	For supply package: BHEL, Power Sector-Project Engineering Management, Power Project Engineering Institute, Plot No. 25, Sector-16A, Noida, Uttar Pradesh-201301. GSTIN: 09AAACB4146P2ZC For turnkey packages (where BHEL-PEM will issue only the LOA and Purchase Order shall be issued by BHEL-PSWR): Construction Manager, BHEL site office, Patratu Vidyut Utpadan Njigam Ltd, PO: PTPS, Patratu, Ramgarh, Jharkhand - 829119
8.	Delivery Address (Ship To)	BHEL PSWR GSTIN No 27AAACB4146P1ZF Construction Manager, Bharat Heavy Electricals Limited, Patratu Vidyut Utpadan Njigam Ltd, PO: PTPS, Patratu, Ramgarh, Jharkhand - 829119
9.	BHEL Site Office Address	Construction Manager, Bharat Heavy Electricals Limited, Patratu Vidyut Utpadan Njigam Ltd , PO: PTPS , Patratu , Ramgarh, Jharkhand - 829119
10.	Location of Plant	Site is Located just outside the coal belt of South Karanpura in Ramgarh District of Jharkhand State. The nearest Railway Station is Patratu which is at a distance of about 4 km on Barkakhana-Barwadih Railway line. District: Ramgarh (state- Jharkhand) Next big cities to site: Ranchi Nearest Railway Station: - Patratu Nearest Airport: Ranchi (45 km by road from site)
11.	Mode of Dispatch	Air, Road, Rail & Sea Transportation For indigenous supplies: By Rail/Road on door delivery and freight pre-paid basis. For imported supplies: On C&F basis. Transit Insurance will be in BHEL scope
12.	Road Permit /E- waybill	Road Permit / E-way bill, to be arranged by Supplier/ transporter/ BHEL (as per GOI mandate).
13.	BHEL GSTIN Details	For supply packages: BHEL-PEM is registered in the State of Uttar Pradesh with GSTIN 09AAACB4146P2ZC

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		For Turnkey packages: BHEL PSWR GSTIN No 27AAACB4146P1ZF
14.	Transit Insurance	In BHEL Scope.
		For each dispatch, vendor shall inform the following to the Underwriter under intimation to BHEL-PEM and BHEL Site office:
		(i) Policy No.
		(ii) Consignee Name. (iii) Consignment Details (items with their weights and value (in INR).
		(iv) Project Name and P.O. No.(v) LR No. and date, Dispatch origin and destination details, Invoice No.
		Vendors to intimate the underwriters quoting the insurance Policy No. as mentioned in Purchase Order.
15.	Dispatch	Yes in writing, Not less than 30 (Thirty) days prior to date of shipment and dispatch details to
	intimation	be sent to: BHEL Site office (As mentioned in SI. No. 9) BHEL PEM Noida (As mentioned in NIT)
		At the point of dispatch, vendor must furnish docs required as given below through Email / Fax
		i. Vendor's invoice ii. LR / RR / GR / Courier Receipt
		iii. Packing List/ Challan indicating the items dispatched (with their weights) iv. Insurance intimation letter informing the underwriters about the dispatches
		v. MDCC (of BHEL / NTPC) as applicable vi. Photograph of packing / boxes showing dispatch marking as per Sl. No. 26
		VI. Photograph of packing / boxes showing dispatch marking as per St. No. 20
16.	Document required for Vendor's payment.	For materials originating from Indian territory
		For claiming the payment against dispatch, MRC & Freight, documents as mentioned in GCC rev 06 & its corrigendum shall be submitted by vendor to BHEL. Original money receipt must be submitted for Freight payment.
		Packing List must comply to Clause No. 19.3 of General Commercial Terms & Conditions of GCC rev.06. Description of items in packing list shall be as per PO such that proper correlation between PO & packing list must be furnished.
		Soft copy of documents for claiming payment shall be submitted by vendor as advance copy.
		For materials originating from non-Indian Territory
		Three (3) original and Three (3) copies of clean bill of lading or One (1) clean original Airway Bill & Three (3) copies, in case of air freight.
		One (1) original and Three (3) copies of signed Invoices
		One (1) original and Three (3) copies of Packing List (clearly showing number of packages, gross weight and net weight).
		Three (3) copies of certificate of country of origin.
		Copy of MDCC from BHEL / NTPC (as applicable)
		Three (3) copies of inspection certificate, if any, issued by the customer/his authorized representative.
		Three (3) of certificate from the vendor to the effect that drawings and catalogues for customs clearance purpose have been kept with the packages for shipment.
		Three (3) copies of certificate from the vendor to the effect that the contents in each case are not less than that entered in the invoices and guaranteed as new and as per the relevant technical specifications.
		Shipping Specification – One (1) copy.
		Quality Certificate – One (1) copy.
		Approved Test Certificates, if any Three (3) copies.
		Guarantee Certificate - One (1) Original + One (1) copy.



		Inspection Reports – One (1) Original + One (1) copy. PVC Calculation and copy of all applicable indices, if PVC applicable. – Two (2) copies.
17.	Material Receipt Certificate (MRC)	A) For supply packages- BHEL-PEM will arrange MRC from BHEL site B) For Turnkey (Supply + Erection & Commissioning) – Original MRC duly signed by customer (PVUNL) & BHEL site is to be arranged by Vendor.
18.	Buyer and Paying Authority	For packages where PEM will issue the Purchase Order: BHEL PEM will be the paying authority. For packages where BHEL-PEM will issue only the LOA and Purchase Order shall be issued by BHEL-PSWR: BHEL Patratu Site will be the paying Authority.
19.	Demurrage charges	Demurrage charges shall be paid by supplier/ vendor only to the transporter. No claim shall be acceptable to BHEL in this regard.
20.	Unloading, Storage & Movement of material at site	a) By BHEL site office for supply packages. b) By vendors for Turnkey i.e. Supply and E&C packages
21.	Concessional custom duty against Essentiality certificate (EC)	The project has been qualified through Project Import route. Accordingly, the benefits applicable to PI project would be granted for this project In this regard applicable documents such as Essentiality certificate will be issued by NTPC (ultimate customer). Under this, Concessional rate of Customs Duty shall be applicable on the Import Contents of the supplier respectively. Based on the above EC, Customs Duty Benefits will be passed on to the vendor. The Bidder to indicate the Import contents i.e. list of the item, Currency of Import and Country of Import including CIF value in their offers. BHEL shall inform, the availability of CIF value for a particular package, if any, at the time of NIT. The benefits availed in Concessional Customs Duty must be passed on to BHEL in their offer. Vendor shall inform BHEL and provide the necessary documents to obtain required certificates from BHEL to avail exemption. Obtaining custom duty benefit in line with the Essentiality Certificate issued shall be in vendor's scope.
22.	Taxes & Duties (For Domestic Vendor)	As per General Conditions of Contract (GCC rev 06) & GST related Corrigendum to GCC rev.06
23. a		In case of foreign vendors, quoted prices & Dispatches shall be on C & F (Port-Chennai) basis and the Taxes & duties in the country of dispatch shall be borne by Foreign vendor.
23. b	Taxes & Duties (For Order Directly to Foreign Bidders)- Turnkey packages	Complete responsibility of import including (but not limited to) import clearance, all taxes and duties in the country of export (origin), all taxes and duties in India shall be to vendor's account.
24.	Inspection Agency	BHEL/ BHEL approved 3rd party inspection agencies and/or NTPC/ Customer Agency as applicable.
25.	Inspection procedure for Domestic supplies	copy of inspection call to BHEL-PEM for arranging NTPC inspection/Joint inspection on the proposed date, as applicable. MDCC shall be issued on the basis of clear inspection report (CQIR).
		For Foreign supplies In case of Foreign supplies, if NTPC approved 3rd party inspection agency does not participate in the inspection, test certificates & inspection reports duly accepted by the agreed Inspection agency shall be submitted in soft copy to BHEL-PEM. The same shall be reviewed by PEM and then, sent to NTPC for clearance. The dispatch clearance (MDCC) by NTPC/ BHEL as applicable shall be given to the foreign supplier or representative in India after acceptance of above test acertificates.



26.	Packing,	Each box shall be marked with Capital Letters in "Red" indicating the PEM SUPPLY (Main
20.	Identification & marking [if not specified in NIT]	Supply/ Commissioning Spares/ Mandatory Spares) for 3 x 800 MW PVUNL PATRATU TPP. NOTE: Main supply item and items for commissioning spares must be packed separately. Each package delivered under the Contract shall be marked by supplier and such marking must be distinct and in English language (all previous irrelevant markings being carefully obliterated). Such marking shall show the description and quantity of contents, the name and address of consignee, the Gross weight and Net weight of the package, the name of the Supplier, PEM P.O. reference number, with a distinctive number of mark sufficient for purposes of identification. Besides above necessary, packing shall bear a special marking 'TOP', 'BOTTOM', 'DO NOT TURN OVER", "KEEP DRY", "HANDLE WITH CARE", etc
		IMPORTANT: -
		 Two copies of respective standard manufacturer's erection instruction/operation instruction manual shall be kept in each package / container for immediate reference by BHEL site and same shall be reflected in packing slip also The Packing list details for the consignment must be put inside the Box/Boxes.
		Items like pumps, Valves, Hoists, Cranes etc shall essentially have O&M Manuals and E&C guidelines duly enclosed in the packing box. Certificate to such effect shall also be reflected in packing slip.
		Mandatory spares shall be properly packed separately in separate box painted in Red, indicating Mandatory Spares in bold letters and each spare shall be properly tagged giving details i.e. item number of the equipment in line with the CUSTOMER approved BBU for Mandatory spares & Number per item (to match the description given in the packing slip) to facilitate their proper identification by PVUNL/ NTPC. One Copy of Packing list must be put inside the Box along with Manufacturing drawing no. reference, Catalogue reference etc.
27.	Submission of Final Drgs/Docs alongwith O&M Manual, Type Test Certificates (if	As per GCC rev.06/ Technical Specification/Kick-off meeting.

	Prepared by	Checked by	Reviewed by	Vetted by	Approv	ed by
Name	Garrer Garg		Gallarill		A	16/05
Designation	Sr. Engr/ PG III	DGM/ PG IIL	DGM/PG/NID	Finance	AGM & DF	l/ PG III
Signature	Granean & 5/18		1	1	DEEPAK	GUPTA