

Ref. Enquiry No.: 77/25/6132/AJA Dt. 17.09.2025

DUE DATE
03.10.2025
BY 02:00 P.M.

Dear Sir / Madam,

Subject: Open Tender Enquiry for “Oil Filled Service Transformer” as per Technical Specification No. PE-TS-512-302-E001A, Rev. 0 for 2x800 MW NTPC Singrauli TPP Stage-III project.

BHEL invites your offer for Oil Filled Service Transformer for the scope as per Technical Specification No. PE-TS-512-302-E001A, Rev. 0 for 2x800 MW NTPC Singrauli TPP Stage-III project.

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 & its Corrigenda, in line with our terms and conditions, online via e-procurement system on <https://eprocurebhel.co.in>

S. No.	PROJECT	ITEM DESCRIPTION	TECHNICAL SPECIFICATION NO.
1.	2x800 MW NTPC Singrauli TPP Stage-III project	Oil Filled Service Transformer	PE-TS-512-302-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: -

- <https://eprocurebhel.co.in>
- www.bhel.com
- www.pem.bhel.com

Pre-Bid Meeting:

A pre-bid meeting will be scheduled for the subject package on 25.09.2025; 03:00PM at BHEL PEM Noida office. All bidders are informed to take note of the same and may utilise the scheduled meeting for addressing any pre-bid queries. Bidders are requested to forward pre-bid queries, prior information/confirmation for attending the scheduled meeting well in advance, preferably by 23.09.2025.

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Sr. Engineer / PG-I, BHEL PS-PEM,
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Regd. Office
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ENQUIRY TERMS AND CONDITIONS:

Please refer GCC, Rev. 07 & its Corrigenda which is available on <https://pem.bhel.com/gcc.aspx>. Bidders are requested to go through the same while submitting the offer.

1. 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:
 - a. General Conditions of Contract (GCC), Rev. 07 & its Corrigenda comprising of Instructions to Bidders and General Commercial Terms & Conditions.
 - b. Technical Specification & BOQ
 - c. Enquiry Letter with Terms & Conditions.
 - d. Technical & financial PQR
 - e. Format for Local Content Certificate
 - f. Format for Land Border Certificate
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, 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 dated 19.07.2024 issued by DPIIT. In case of subsequent orders issued by the nodal ministry, changing the definition of local content for the items of the NIT, the same shall be applicable even if issued after issue of this NIT, but before opening of Part-II bids against this NIT.

Since this package falls under - the category of goods, services or works in respect of which nodal ministry/ department has communicated that there is a sufficient local capacity and competition, only Class-I local suppliers as defined in the PP (MII) order are eligible to bid for this package. Required % of Minimum local content for Class-I supplier shall be 60%.

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.

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The package is divisible in nature.

6. 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.
 - to submit "Model Certificate for Tenders" as per Annexure-III of Ministry of Finance (MoF) Order (Public Procurement No. 4) F. No. 6/18/2019/PPD dt. 23.02.23

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

7. 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.

8. All correspondence thereof, shall be addressed to the following:

Ajay Kumar Sr. Engineer, PG-I BHEL PS-PEM, 3RD FLOOR, BHEL SADAN, PLOT No.25, Sector-16A, Noida-201301 (UP) E-Mail: ajaykaushik@bhel.in Mob: 9899891358	Awadhesh Singh Sr. Manager, PG-I BHEL PS-PEM, 3RD FLOOR, BHEL SADAN, PLOT No.25, Sector-16A, Noida-201301 (UP) E-Mail: awadheshsingh@bhel.in Mob: 9560148833
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9. **Bidder to note that this is a conditional Open (Indian) Tender enquiry. Hence, Price Bid (Part-II) Opening / Reverse Auction shall be subject to following criterion:**

- Qualification of Technical and Financial PQR.
- Techno-commercial compliance to the NIT (Bid).
- Mandatory conformance to applicable Govt. of India rules/ guidelines/ notifications/ circulars as issued or amended time to time.
- Approval of vendor by end customer (as per enclosed vendor approval format)

10. 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

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

11. 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.
12. 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

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credentials and/or documents duly signed and stamped related to registration has to be uploaded on the website and submit the application for registration.

13. The Evaluation Currency for this tender will be INR.

- 14.** BHEL shall be resorting to Reverse Auction (RA) (Guidelines as available on www.bhel.com) for this tender as per latest reverse auction guidelines AA:SSP:RA:00 dated 05.12.2024. RA shall be conducted among the techno-commercially qualified bidders. Price bids of all techno commercially qualified bidders shall be opened and same shall be considered for RA. In case any bidder(s) do(es) not participate in online Reverse Auction, their sealed envelope price bid along with applicable loading, if any, shall be considered for ranking.

Vendors to note that above RA clause will supersede Cl. No. 13 of "Instruction to Bidders" of GCC, Rev. 07 & its Corrigenda 01.

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

Link for RA guidelines to be followed as:

<https://www.bhel.com/guidelines-reverse-auction-2024>

- 15.** 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.

16. Delivery Schedule: -

Main Supply including extra oil: Delivery completion for Main supply shall be 355 days from the PO date.
For additional Quantity to be released against quantity variation: 4 months from BHEL clearance or 355 days from PO date, whichever is later.

Mandatory Spares: 90 days from BHEL clearance.

- 17. Validity of contract** (PO rates, terms and conditions): Vendor has to make supply of goods / services as per the delivery time mentioned above. However, due to unavoidable circumstances, if delay happens in providing inputs / clearances (inputs, Engineering approvals, deputing inspector for inspection, issuance of MDCC and any hold imposed owing to site issues etc.) for which delivery time extension is admissible as per point No. 18 below, in such situation it shall be obligatory at vendor part to execute the contract at PO rates, terms and conditions where inputs / clearances has been accorded within the validity of contract. Validity period for various activities shall be as follows: -

17.1 Validity of the contract for Main Supply including quantity variation:

Contract shall be valid for 03 years 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.

17.2 Validity of the contract for Supply of Mandatory Spares / Services applicable in the contract:

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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. 17.1 above.

Notes:

- a) Main supply including quantity variation, Mandatory Spares / services applicable in the contract released / cleared for manufacturing within contractual validity period, to be supplied by vendor / supplier at PO rates, terms and conditions.
- b) Execution of the contract quantities released beyond contract validity period shall be decided on mutual consent basis at PO rates, terms and conditions.

18. Delivery Extension: Extension of contractual delivery time:

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

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

- i. Any Delay in providing comments / approval on Primary drawings / documents beyond the stipulated time as specified in NIT.
- ii. Time Loss in approval of the drawings / documents as a result of increase in the iteration not attributable to the vendor (i.e. re-submission owing to end customer comments) as certified by BHEL. Time extension equivalent to the re-submission time mentioned in technical specification and consequential increase in the approval time in lieu of increase in iteration shall be applicable. However, for incomplete re- submission, time loss shall be in vendor account.
- iii. Delay in providing engineering input by BHEL.
- iv. Delay in deputing inspector for inspection and delay in release of MDCC in line with GCC Rev 07.
- v. Any hold put by BHEL for whatever reasons during execution of contract (within contract validity period), time extension equivalent to hold period shall be admissible. However, in the event hold period continues for more than 30 days then, an additional fifteen days for the purposes of mobilization and demobilization of resources shall also be admissible.

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

19. Performance Security

(A) Supplier may opt any of the following for submission of Performance Security as per the format enclosed in the GCC, Rev. 07: -

Initially 10% of the contract value (Total ex-works price excluding PVC). 5% of the contract value (Total ex-works price excluding PVC) will be released after completion of Main Supply based on certification by PG. However, balance 5% of the contract value (Total ex-works price excluding PVC) will be released on completion of all contractual obligations, including guarantee/warranty obligations based on certification by PG.

Or

5% of the contract value (Total ex-works price excluding PVC). Additional 5% of the contract value (Total ex-works price excluding PVC) will be deducted & retained from first bill & subsequent bill(s) of the same

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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 (Total ex-works price excluding PVC) will be released on completion of all contractual obligations, including guarantee/warranty obligations based on certification by PG.

(B) Time for submission of Performance Bank Guarantee shall be 14 days from the date of PO/LOA.

(C) Initial PBG validity (incl. claim expiry period):- **32 months from PO date.**

20. Modes of deposit: Performance security may be furnished in the following forms:

- Local cheques of Scheduled Banks (subject to realization) / Pay Order / Demand Draft / Electronic Fund Transfer in favour of BHEL.
- Bank Guarantee from Scheduled Banks / Public Financial Institutions as defined in the Companies Act.
- 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).
- 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).
- Insurance Surety Bond. (Note: 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).

Performance Security 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.

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.

21. Forfeiture of Performance Security:

- The performance security will be forfeited and credited to BHEL's account in the event of a breach of contract by the supplier.
- Performance Security should be refunded to the contractor 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 the warranty under the contract.
- The Performance Security shall not carry any interest.

Note - In case of BG from private banks, a clause shall be incorporated in the text of bank guarantee that it can be enforced by being presented at any branch of the bank located in the Delhi-NCR.

22. Earnest Money Deposit- EMD amount shall be Rs. 40 Lakhs.

EMD is to be submitted by all the bidders along with their bids (except Micro and Small Enterprises (MSEs) or Start-ups as recognized by Department for Promotion of Industry and Internal Trade (DPIIT)).

Modes of deposit: -

The EMD may be accepted only in the following forms:

- Electronic Fund Transfer credited in BHEL account (before tender opening)

BHEL-PEM account details are as follows:

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Bank name, State Bank of India

Account No: 39922687394

IFSC: SBIN0017313

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(ii) Banker's cheque/ Pay order/ Demand draft, in favour of BHEL-PEM, Noida (along with the offer).

(iii) Fixed Deposit Receipt (FDR)

(iv) Bank Guarantee from any of the Scheduled Banks.

(v) Insurance Surety Bonds.

Scanned copy of EMD shall be uploaded by Supplier in the online bid and hard copy of the same (excluding EFT at s.no (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.

The EMD shall remain valid for a period of 45 (forty-five) days beyond the final bid validity period. The EMD shall also be extended in case of extension of bid/offer validity.

Forfeiture of EMD

- a) A bidder's EMD will be forfeited if the bidder 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 bidder fails to furnish the required performance security within the specified period mentioned in the Tender.
- b) EMD by the tenderer to be withheld in case any action on the bidder is envisaged under the provisions of extant "Guidelines on Suspension of business dealings with suppliers/ contractors (abridged version of guidelines is available on www.bhel.com)" and forfeited/ released based on the action as determined under these guidelines.
- c) Bid securities of the unsuccessful bidders shall be returned to them after expiry of the final bid validity period and latest by the 30th day after the award of the contract. However, bid securities of unsuccessful bidders during first stage i.e. technical-commercial evaluation etc. shall be returned within 30 days of declaration of result of first stage i.e. technical-commercial evaluation.
- d) Bid security shall be refunded to the successful bidder on conclusion of the order/ receipt of a performance security.
- e) EMD shall not carry any interest.

23. Payment Terms shall be as per GCC, Rev. 07 & its corrigenda.

24. PVC shall be applicable as per documents attached with NIT. PVC ceiling limit shall be positive (+ve) 20% and negative (-ve) unlimited.

Base Month for PVC shall be Aug 2025.

Price variation is not applicable for extra oil, mandatory spares & type test

PVC shall be payable only for contractual delivery period (including delivery extension without imposition of LD, if any) i.e. no (+ve) PVC shall be payable for delay in delivery attributed to vendor. In case of delayed delivery cases, PVC as applicable on contractual delivery date & actual delivery date shall be compared and lower PVC shall be payable to the vendor.

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25. 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. 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% 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 approx. 25% of total quantity mentioned below in table. The buyers are advised to refer the OM No. F.1/4/2021-PPD dt. 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 and approved by Buyer after evaluation of documents submitted.

Any Bidder falling under MSE category shall furnish the following details & submit documentary evidence/ Govt. Certificate etc. in support of the same along with their techno-commercial offer.

Type under MSE	SC/ST Owned	Women Owned	Others (excluding SC/ST & Women Owned)
Micro			
Small			

Note: If the bidder does not furnish the above in the tender, offer shall be processed construing that the bidder is not falling under MSE category.

Bidder opting for taking order for the below mentioned quantity (Under MSE Purchase Preference/Split Criteria) shall be required to provide the followings:

a). **Type test i.e. Tank Pressure Test, Tank Vacuum Test, Measurement of Acoustic Noise Level, Temperature Rise Test, Lightning Impulse Test and Short Circuit Test etc as per Technical spec to be arranged by Bidder free of cost. No re-imbursement of these charges shall be done by BHEL.**

b). **Two Separate purchase orders will be placed by BHEL PEM and ISG according to below mentioned tentative scope. Quantities can be increased or decreased by buyer to get approx. 25% of total contract value. BG to be submitted to BHEL PEM and ISG separately accordingly to these POs.**

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Sr. No.	Item Description	Unit	Quantity (PEM)	Quantity (ISG)
1	2500kVA, 11kV/0.433kV, 3 phase, 2 winding, outdoor, ONAN, Z=10.0%, Dyn1, OFF Circuit taps $\pm 5\%$ in steps of 2.5% (with cable box type HV, with bus-duct type LV and with solidly grounded LVN termination)	NOS	3	6
2	EXTRA OIL (5%) for above mentioned transformers	LOT	1	1
3	OIL FILLED SERVICE TRANSFORMER - Mandatory Spares for ISG Scope Details as per Annexure-III	SET		1

- If L1 bidder is MSE bidder, MSE preference shall not be exercised and splitting criteria as mentioned at sl. no. 26 shall be exercised.
- In case of more than one such MSE (when MSE preference is exercised), within the price band of L1 +15%, the quantity shall be shared proportionately, provided the available quantum can be split.

26. SPLIT CRITERIA:

Bidders to note that contract of subject tender is proposed to be done with Two (02) vendors in the ratio of Approximate 75:25 value-wise at L1 total contract price. L1 price (Ex-works + Freight + GST) shall be counter offered to all those Techno-commercially recommended bidders who were eligible for participation in RA process as per NIT for 25% of total contract value. In case acceptance of counter offer is received from more than one bidder, then acceptance of counter offer for ordering shall be as per bidder ranking post RA. If none of the bidder accepts counter-offered L1 rates, then contract shall be awarded to L1 bidder for 100% value.

Above splitting criteria shall be applicable only if splitting of tendered quantities is not achieved through MSE preference.

- Evaluation will be done on overall L1 (Total cost to BHEL) basis excluding GST with necessary loading as applicable. Incomplete offer or offer for Part scope for the Project, shall be summarily rejected. The Evaluation Currency for this tender shall be INR.
- "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."
- Overall (%) variation in contract values (due to changes in the scope) shall be limited to +/- 30% as per quantity variation Cl. No. 6.0 of GCC, Rev. 07. Any itemized variation shall be applicable within +/-30% overall variation in contract value.

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30. Integrity Pact: - Integrity pact is applicable for subject package

(a) 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. Following Independent External Monitors (IEMs) on the present panel have been appointed by BHEL with the approval of CVC to oversee implementation of IP in BHEL.

1. Shri Bishwamitra Pandey, IRAS (Retd.) iem2@bhel.in

2. Shri Mukesh Mittal, IRS (Retd.) iem3@bhel.in

(b) The IP as enclosed with the tender is to be submitted (duly signed by authorized signatory) along with techno- commercial bid (Part-I, in case of two/ three part 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.

(c) 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 any of the above IEM(s). All correspondence with the IEMs shall be done through email only.

Note : 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's officials whose contact details are provided in the NIT."

Details of contact persons shall be as per point no. 8 above.

31. 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.

32. 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.

33. Breach of Contract, Remedies and Termination:

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

- (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.

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

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34. 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.
35. 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.
In case, the bidder is found having indulged in above activities, suitable action shall be taken by BHEL as per extant policies / guidelines.
36. **Treatment of cases regarding conflict of interest:**

The bidder notes that a conflict of interest would said to have occurred in the tender process and execution of the resultant contract, in case of any of the following situations:

- i) If its personnel have a close personal, financial, or business relationship with any personnel of BHEL who are directly or indirectly related to the procurement or execution process of the contract, which can affect the decision of BHEL directly or indirectly;
- ii) The bidder (or his allied firm) provided services for the need assessment/ procurement planning of the Tender process in which it is participating;
- iii) Procurement of goods directly from the manufacturers/ suppliers shall be preferred. However, if the OEM/ Principal insists on engaging the services of an agent, such agent shall not be allowed to represent more than one manufacturer/ supplier in the same tender. Moreover, either the agent could bid on behalf of the manufacturer/ supplier or the manufacturer/ supplier could bid directly but not both. In case bids are received from both the manufacturer/ supplier and the agent, bid received from the agent shall be ignored. However, this shall not debar more than one Authorised distributor (with/ or without the OEM) from quoting equipment manufactured by an Original Equipment Manufacturer (OEM) in procurements under a Proprietary Article Certificate.
- iv) A bidder participates in more than one bid in this tender process. Participation in any capacity by a Bidder (including the participation of a Bidder as a partner/ JV member or sub-contractor in another bid or vice-versa) in more than one bid shall result in the disqualification of all bids in which he is a party. However, this does not limit the participation of an entity as a sub-contractor in more than one bid if he is not bidding independently in his own name or as a member of a JV.

The Bidder declares that they have read and understood the above aspects, and the bidder confirms that such conflict of interest does not exist and undertakes that they will not enter into any illegal or undisclosed agreement or understanding, whether formal or informal with other Bidder(s), in this regard. This applies in particular to prices, specifications, certifications, subsidiary contracts, submission or non-submission of bids or any other actions to restrict competitiveness or to introduce cartelization in the bidding process. In case, the Bidder is found having indulged in above activities, the same will be considered as a violation of the tender conditions, and suitable action shall be taken by BHEL as per extant policies/ guidelines.

37. Bidders to note that “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 and Equipment etc.) & hence criteria of prior experience shall be same for all bidders including start-up /MSME”.

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Ref. Enquiry No.: 77/25/6132/AJA Dt. 17.09.2025

38. Conditions of prior turnover may relax to Micro and Small Enterprises and startup as recognized by DPIIT, subject to meeting of Quality and technical specifications in accordance with the relevant provisions of Rule 173 (i) of the GFR, 2017.
39. CIF is not available for this package.
40. Liquidated Damages: - shall be applicable on undelivered portion. All other terms shall be same as mentioned in LD clause of GCC Rev 07 including corrigenda. This will prevail L.D clause of GCC Rev 07. Bidders to note the following: -
- "Supplier to essentially quote prices against each line item of the BOQ in the respective columns. 'NIL', 'Free of Cost', 'Zero' etc. shall not be mentioned for any line item of the BOQ. In such case, Liquidated Damages shall be levied on the Total order/ contract value instead of undelivered portion of the Order/ contract. Also, if price of any line item (X) is mentioned 'Included' in any other line item (Y), then in case of delay in delivery of item (X), LD shall be applicable on value of item (Y)."
41. All corrigenda, addenda, amendments, time extensions, clarifications etc. to the tender will be hosted on BHEL website only ([https:// https://eprocurebhel.co.in](https://eprocurebhel.co.in)) under subject tender reference. Bidders are requested to visit our website from time to time to keep themselves updated. Bidders may go through the Sellers' manual & Help documents provided on E-Procurement Portal website & obtain required Digital Signature Certificate for participating in the subject Tender. For Bidders' convenience, the Helpdesk Nos. of E-Procurement (NIC) Portal is available at website i.e. <https://eprocurebhel.co.in>.
42. If any bidder uploads price bid in the unpriced section (techno-commercial attachment page) of the tender in e- Procurement (NIC portal), in that case bidder(s) shall only be responsible for such mistake and any consequences thereof. Hence all bidders are requested to be more careful at the time of uploading the Unpriced and Price Bid for Part-I and Part-II respectively to avoid mismatch.
43. All terms and conditions shall be as per NIT and GCC - Rev. 07 & its Corrigenda. 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.
44. All the NIT terms and conditions, post-bid agreements/MoMs (during Techno- Commercial evaluation) shall automatically become a part of the Order/Contract after its finalisation.
45. LOI shall be placed by BHEL PEM for TBG and ISG scope quantities as mentioned in BOQ price format and purchase orders shall be placed by TBG and ISG for their respective scope. Separate performance security shall be submitted to PEM, TBG and ISG for their POs.
46. Tenders shall be submitted strictly in accordance with the requirements of the tender documents. In case of deviations (Technical/ Commercial), the same shall be highlighted separately giving clause references along with the Cost of withdrawal of Deviations as per Annexure-II" along with reasons for taking such deviations. Bidders to note all the points mentioned in "Notes" of Annexure-II.
47. GeM Seller ID shall be mandatory before placement of order/award of contract to the successful bidder.

Ref. Enquiry No.: 77/25/6132/AJA Dt. 17.09.2025

48. Grievance Redressal Mechanism:

To promote transparency and ensure fair treatment of all bidders, a structured Grievance Redressal Mechanism is in place to address any concerns or issues arising during the tendering process or in subsequent business dealings with the company.

Suppliers/Contractors are requested to follow the below escalation process for grievance resolution:

1. First Level: Any grievance should initially be addressed to the designated Dealing Officer, whose contact details are provided in the Notice Inviting Tender (NIT)/Contract.

2. Second Level: If the issue remains unresolved, it may be escalated by lodging a formal grievance through the SUVIDHA Portal: <https://suvidha.bhel.in/suvidha/>. Responses will be provided in accordance with the defined escalation matrix.

49. Please note that for technical bid, detailed offers are to be submitted including the following: -

- Acceptance of GCC, Rev. 07 & its Corrigenda, Special Conditions of Contract Rev0 of the project.
- 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
- Un-Priced price format duly filled in 'Quoted' or 'Q' in each column/row.
- Technical & Commercial Deviations, if any along with Cost of withdrawal in Annexure-II of GCC Rev 07.
- Technical PQR documents.
- Financial PQR documents
- Local Content Certification.
- Land Border Certification.

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

Thanking You.

Yours Sincerely,

Ajay Kumar

(Sr. Engineer / PG-I/ BHEL-PEM)

Enclosures:

1. Technical Specification No. PE-TS-512-302-E001A REV 0.
2. Technical and Financial PQR
3. Unpriced format
4. Unpriced Deviation schedule (Annexure-II)
5. Format for Local Content Certification
6. Format for Land Border Certificate
7. Vendor approval format
8. Integrity Pact
9. Special Conditions of Contract Rev 0

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Regd. Office
BHEL House Siri Fort
New Delhi-110049

Ref. Enquiry No.: 77/25/6132/AJA Dt. 17.09.2025

PROJECT: - 2X800 MW NTPC SINGRAULI TPP STAGE-III PROJECT
PACKAGE: - OIL FILLED SERVICE TRANSFORMER

Annexure-A

(ON Letter head of Company)

Ref.....

Date.....

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

Subject: - DECLARATION REGARDING LAND BORDER

Reference: 77/25/6132/AJA dated 17.09.2025

Name of Package: Oil Filled Service Transformers

Dear Sir,

This has reference to: -

1. Our Offer for Supply of Oil Filled Service Transformers for 2x800 MW NTPC Singrauli TPP Stage-III project. against above cited Enquiry No. **77/25/6132/AJA dated 17.09.2025.**
2. Order dated 23.07.2020 & 23.02.2023 reg. restriction under rule 144 (xi) of GFR issued by Ministry of Finance, Department of Expenditure Public Procurement Division.

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

Thanking you,

Yours truly

..... ((highest
competent authority at your end (i.e.
Owner, partner, CMD, Director etc.))

..... (firm name)

Ajay Kumar
Sr. Engineer / PG-I, BHEL PS-PEM,
3rd Floor, BHEL Sadan Building,
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Ref. Enquiry No.: 77/25/6132/AJA Dt. 17.09.2025

PROJECT: - 2X800 MW NTPC SINGRAULI TPP STAGE-III PROJECT
PACKAGE: - OIL FILLED SERVICE TRANSFORMER

Annexure-B

(On Letter head of Company)

Ref.....
Date.....

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

Subject: - Certification regarding local content

Reference: 77/25/6132/AJA dated 17.09.2025

Name of Package: Oil Filled Service Transformers

Dear Sir,

We hereby certify that items offered by M/sfor **Oil Filled Service Transformers** for above cited project meets the requirement of minimum local content in line with NIT and Public Procurement (Preference to Make in India), Order 2017 dated-15.06.2017, 28.05.2018, 29.05.2019, 04.06.20, 16.09.20 & 19.07.24 and subsequent circulars if any.

Local content is%.

We further confirm that details of location at which the local value addition is made will be our registered works at

.....
(complete address of the works)

Further, cost of locally imported items (inclusive of taxes) sourced locally from resellers/distributors is Rs and cost of licence/royalty paid/technical expertise cost etc. source from outside of India is Rs.....

Yours truly

..... (to be signed as per Note mentioned below)

..... (firm name)

Note: Bidders are required to provide the certificate (in line with above draft) from statutory auditor or cost auditor of the company (in the case of companies) or from a practicing cost accountant or practicing chartered accountant (in respect of suppliers other than companies)

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Ref. Enquiry No.: 77/25/6132/AJA Dt. 17.09.2025

giving the percentage of local content. Provide the details of the location(s) at which the local value addition shall be made.

Please also submit the extract of AGM Resolution of your company regarding appointment of statutory auditor or cost auditor of current year.

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Ref. Enquiry No.: 77/25/6132/AJA Dt. 17.09.2025

PROJECT: - 2X800 MW NTPC SINGRAULI TPP STAGE-III PROJECT
PACKAGE: - OIL FILLED SERVICE TRANSFORMER

Commercial compliance Annexure-C

S No.	Description	Bidder reply/confirmation
1.	EMD submitted/exempted and proof attached	
2.	Duly filled, signed & stamped NIT letter and Annexure-II attached with offer	
3.	Please provide rate of freight w.r.t. Total Ex Works quoted in offer	
4.	Please provide rate of GST quoted	
5.	Duly filled, signed and stamped local content and land border certificates are to be submitted with offer	
6.	Duly filled, signed and stamped Integrity pact is submitted with offer	
7.	Duly filled, signed and stamped Unprice format is submitted with offer	

2X800 MW NTPC SINGRAULI TPP STAGE-III PROJECT												
OIL FILLED SERVICE TRANSFORMERS												
UNPRICE SCHEDULE FOR TENDER ENQUIRY NO. 77/25/6132/AJA DATED 17.09.2025												
Sr. No.	Item code	Item Description	Unit	Total Quantity	Quantity (PEM)	Quantity (ISG)	Quantity (TBG)	Unit Ex Works Price duly packed (INR)	Total Ex Works Price (INR)	Freight @% of ex-works price	GST @.....% on ex-works + freight	Total FOR Site Price (In INR)
	COMPLETE TRANSFORMER WITH ACCESSORIES & OIL AS PER SPECIFICATION (Type & Nos. of Transformers, as below)											
1	302-0110006-00-A	630 KVA, 11kV/0.433kV, 3 phase, 2 winding, outdoor, ONAN, Z=4.5%, Dyn1, OFF Circuit taps ±5% in steps of 2.5% (with cable box type HV, with cable box type LV and with solidly grounded LVN termination)	NOS	4	2	0	2					
2	302-0110008-00-A	1600 KVA, 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)	NOS	8	8	0	0					
3	302-0110009-00-A	2000kVA, 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)	NOS	14	14	0	0					
4	302-0110010-00-A	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)	NOS	13	7	6	0					
5	302-0110069-00-A	2500kVA, 11kV/3.45kV, 3 phase, 2 winding, outdoor, ONAN, Z=6.0%, Dyn1, OFF Circuit taps ±5% in steps of 2.5% (with cable box type HV, with bus-duct type LV and with resistance grounded busbar type LVN termination)	NOS	2	2	0	0					
6	302-0110937-00-A	TYPE TEST FOR 630 KVA, 11/0.433kV Transformers Details as per Annexure-I S. No. 1	LOT	1						NA		
7	302-0110202-00-A	TYPE TEST FOR 1600 KVA, 11/0.433kV Transformers Details as per Annexure-I S. No. 2	LOT	1						NA		
8	302-0110205-00-A	TYPE TEST FOR 2000 KVA, 11/0.433kV Transformers Details as per Annexure-I S. No. 3	LOT	1						NA		
9	302-0110203-00-A	TYPE TEST FOR 2500 KVA, 11/0.433kV Transformers Details as per Annexure-I S. No. 4	LOT	1						NA		
10	302-0110943-00-A	TYPE TEST FOR 2500 KVA, 11/3.45kV Transformers Details as per Annexure-I S. No. 5	LOT	1						NA		
	EXTRA OIL (5%) OF TOTAL VOLUME FOR ALL TRANSFORMERS IN SEALED NON RETURNABLE STANDARD DRUMS											
11	302-0110942-00-A	EXTRA OIL (5%) for PEM scope transformers, Details as per Annexure-III	LOT	1								
12	302-0110942-00-A	EXTRA OIL (5%) for ISG scope transformers	LOT	1								
13	302-0110942-00-A	EXTRA OIL (5%) for TBG scope transformers	LOT	1								
14	302-0110000-00-B	OIL FILLED SERVICE TRANSFORMER - Mandatory Spares for PEM scope and ISG Scope Details as per Annexure-II	SET	1								
Total (1 to 14)												
NOTES												

2X800 MW NTPC SINGRAULI TPP STAGE-III PROJECT												
OIL FILLED SERVICE TRANSFORMERS												
UNPRICE SCHEDULE FOR TENDER ENQUIRY NO. 77/25/6132/AJA DATED 17.09.2025												
Sr. No.	Item code	Item Description	Unit	Total Quantity	Quantity (PEM)	Quantity (ISG)	Quantity (TBG)	Unit Ex Works Price duly packed (INR)	Total Ex Works Price (INR)	Freight @% of ex-works price	GST @.....% on ex-works + freight	Total FOR Site Price (In INR)
1		BIDDER TO NOTE THAT THE COST OF TRANSFORMER SHALL INCLUDE THE COST OF ROUTINE TESTS AND SHALL BE CARRIED OUT ON ALL TRANSFORMERS WITHOUT ANY ADDITIONAL COST. BIDDER SHALL QUOTE ACCORDINGLY.										
2		BIDDER SHALL SUPPLY 5% EXTRA OIL AS PER THE QUOTED PRICE. QUANTITY OF EXTRA OIL SHALL BE SUBJECT TO APPROVAL DURING DETAIL ENGINEERING.										
3		**CHARGES FOR CARRYING OUT SHORT CIRCUIT TEST SHALL BE PAYABLE BASED ON ACTUAL INVOICE FROM DESIGNATED LABORATORIES (CPRI, BHOPAL/ CPRI, BANGLORE / ERDA, VADODARA) WITH AN ADDITIONAL LUMP SUM AMOUNT OF 5% OF EX-WORKS PRICE OF TRANSFORMER BEING TESTED TO COVER HANDLING COSTS (TRANSPORTATION, INSURANCE ETC.).										
4		IN CASE TYPE/ SPECIAL TESTS ARE WAIVED, THE TYPE/ SPECIAL TEST CHARGES SHALL NOT BE PAYABLE TO THE BIDDER.										
5		CHARGES FOR ALL TYPE/ SPECIAL TESTS EXCEPT SHORT CIRCUIT TEST SHALL BE CONSIDERED FOR PRICE COMPARISON PURPOSE.										
6		IN CASE ANY OF THE TYPE/ SPECIAL TESTS ARE REQUIRED TO BE REPEATED THE SAME SHALL BE CARRIED OUT BY THE VENDOR WITHOUT ANY COMMERCIAL / DELIVERY IMPLICATION TO BHEL.										
7		PRICE VARIAION FOR TRANSFORMER SHALL BE APPLICABLE FOR THIS ENQUIRY AS PER IEEMA FORMULAE MENTIONED IN NIT, BASE MONTH BE AUG 2025 WITH UPPER CEILING LIMIT OF 20% & NO NEGATIVE CEILING LIMIT. PRICE VARIATION IS NOT APPLICABLE FOR EXTRA OIL, MANDATORY SPARES & TYPE TEST.										

ANNEXURE-I

SINGRAULI SUPER THERMAL POWER PROJECT STAGE-III (2X800 MW)

OIL FILLED AUXILIARY SERVICE TRANSFORMERS

UNPRICE SCHEDULE (TYPE/ SPECIAL TEST) FOR TENDER ENQUIRY NO. 77/25/6132/AJA DATED 17.09.2025

Sr. No.	Description of Type/ Special Test	Unit	Quantity	Basic Price (INR)	GST @.....% on basic price	Total Price with GST (In INR)
1.0	630 KVA, 11kV/0.433kV, 3 phase, 2 winding, outdoor, ONAN, Z=4.5%, Dyn1, OFF Circuit taps ±5% in steps of 2.5% (with cable box type HV, with cable box type LV and with solidly grounded LVN termination)	NO.				
1.a	TANK PRESSURE TEST	NO.	1			
1.b	TANK VACUUM TEST	NO.	1			
1.c	MEASUREMENT OF ACOUSTIC NOISE LEVEL AS PER NEMA TR-1 (SPECIAL TEST)	NO.	1			
1.d	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: 60567), results will be interpreted as per IS: 10593 (based on IEC: 60599). Result shall be recorded for future reference).	NO.	1			
1.e	LIGHTNING IMPULSE (FULL & CHOPPED WAVE) TEST ON WINDINGS (AS PER IEC 60076-3)	NO.	1			
1.f	SHORT CIRCUIT TEST (SPECIAL TEST) AS PER IEC 60076-5**	NO.	1	AS PER NOTE 1		
2.0	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)	NO.				
2.a	TANK PRESSURE TEST	NO.	1			
2 b	TANK VACUUM TEST	NO.	1			
2 c	MEASUREMENT OF ACOUSTIC NOISE LEVEL AS PER NEMA TR-1 (SPECIAL TEST)	NO.	1			
2 d	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: 60567), results will be interpreted as per IS: 10593 (based on IEC: 60599). Result shall be recorded for future reference).	NO.	1			
2 e	LIGHTNING IMPULSE (FULL & CHOPPED WAVE) TEST ON WINDINGS (AS PER IEC 60076-3)	NO.	1			
2 f	SHORT CIRCUIT TEST (SPECIAL TEST) AS PER IEC 60076-5**	NO.	1	AS PER NOTE 1		
3.0	2000kVA, 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)	NO.				
3.a	TANK PRESSURE TEST	NO.	1			
3 b	TANK VACUUM TEST	NO.	1			
3 c	MEASUREMENT OF ACOUSTIC NOISE LEVEL AS PER NEMA TR-1 (SPECIAL TEST)	NO.	1			
3 d	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: 60567), results will be interpreted as per IS: 10593 (based on IEC: 60599). Result shall be recorded for future reference).	NO.	1			
3 e	LIGHTNING IMPULSE (FULL & CHOPPED WAVE) TEST ON WINDINGS (AS PER IEC 60076-3)	NO.	1			
3 f	SHORT CIRCUIT TEST (SPECIAL TEST) AS PER IEC 60076-5**	NO.	1	AS PER NOTE 1		


Sr. No.	Description of Type/ Special Test	Unit	Quantity	Basic Price (INR)	GST @.....% on basic price	Total Price with GST (In INR)
4.0	2500kVA, 11kV/0.433kV, 3 phase, 2 winding, outdoor, ONAN, Z=10.0%, Dyn1, OFF Circuit taps $\pm 5\%$ in steps of 2.5% (with cable box type HV, with bus-duct type LV and with solidly grounded LVN termination)	NO.				
4.a	TANK PRESSURE TEST	NO.	1			
4 b	TANK VACUUM TEST	NO.	1			
4 c	MEASUREMENT OF ACOUSTIC NOISE LEVEL AS PER NEMA TR-1 (SPECIAL TEST)	NO.	1			
4 d	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: 60567), results will be interpreted as per IS: 10593 (based on IEC: 60599). Result shall be recorded for future reference).	NO.	1			
4 e	LIGHTNING IMPULSE (FULL & CHOPPED WAVE) TEST ON WINDINGS (AS PER IEC 60076-3)	NO.	1			
4 f	SHORT CIRCUIT TEST (SPECIAL TEST) AS PER IEC 60076-5**	NO.	1	AS PER NOTE 1		
5.0	2500kVA, 11kV/3.45kV, 3 phase, 2 winding, outdoor, ONAN, Z=6.0%, Dyn1, OFF Circuit taps $\pm 5\%$ in steps of 2.5% (with cable box type HV, with bus-duct type LV and with resistance grounded busbar type LVN termination)	NO.				
5.a	TANK PRESSURE TEST	NO.	1			
5 b	TANK VACUUM TEST	NO.	1			
5 c	MEASUREMENT OF ACOUSTIC NOISE LEVEL AS PER NEMA TR-1 (SPECIAL TEST)	NO.	1			
5 d	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: 60567), results will be interpreted as per IS: 10593 (based on IEC: 60599). Result shall be recorded for future reference).	NO.	1			
5 e	LIGHTNING IMPULSE (FULL & CHOPPED WAVE) TEST ON WINDINGS (AS PER IEC 60076-3)	NO.	1			
5 f	LIGHTNING IMPULSE ON NEUTRAL	NO.	1			
5 g	SHORT CIRCUIT TEST (SPECIAL TEST) AS PER IEC 60076-5**	NO.	1	AS PER NOTE 1		
Total						
NOTES						
1	**CHARGES FOR CARRYING OUT SHORT CIRCUIT TEST SHALL BE PAYABLE BASED ON ACTUAL INVOICE FROM DESIGNATED LABORATORIES (CPRI, BHOPAL/ CPRI, BANGLORE / ERDA, VADODARA) WITH AN ADDITIONAL LUMP SUM AMOUNT OF 5% OF EX-WORKS PRICE OF TRANSFORMER BEING TESTED TO COVER HANDLING COSTS (TRANSPORTATION, INSURANCE ETC.).					
2	IN CASE TYPE/ SPECIAL TESTS ARE WAIVED, THE TYPE/ SPECIAL TEST CHARGES SHALL NOT BE PAYABLE TO THE BIDDER					
3	CHARGES FOR ALL TYPE/ SPECIAL TESTS EXCEPT SHORT CIRCUIT TEST SHALL BE CONSIDERED FOR PRICE COMPARISONS PURPOSE.					
4	IN CASE ANY OF THE TYPE/ SPECIAL TESTS ARE REQUIRED TO BE REPEATED THE SAME SHALL BE CARRIED OUT BY THE VENDOR WITHOUT ANY COMMERCIAL / DELIVERY IMPLICATION TO BHEL.					

ANNEXURE-II											
SINGRAULI SUPER THERMAL POWER PROJECT STAGE-III (2X800 MW)											
OIL FILLED AUXILIARY SERVICE TRANSFORMERS											
UNPRICE SCHEDULE (MANDATORY SPARE) FOR TENDER ENQUIRY NO. 77/25/6132/AJA DATED 17.09.2025											
Sr. No.	Item code	Item Description	Unit	Total Quantity	Quantity (PEM)	Quantity (ISG)	Unit Ex Works Price (INR)	Total Ex Works Price (INR)	Freight @% of ex-works price	GST @.....% on ex-works + freight	Total FOR Site Price (In INR)
1		HV bushing with metal parts & gaskets	NO EACH RATING								
1 a		11.0/0.433kV, 630KVA	NO.	3	3	0					
1 b		11.0/0.433kV, 1600 KVA	NO.	3	3	0					
1 c		11.0/0.433kV, 2000 KVA	NO.	3	3	0					
1 d		11.0/0.433kV, 2500 KVA	NO.	6	3	3					
1 e		11.0/3.45kV, 2500 KVA	NO.	3	3	0					
2		LV bushing with metal parts & gaskets	NO EACH RATING								
2 a		11.0/0.433kV, 630KVA	NO.	3	3	0					
2 b		11.0/0.433kV, 1600 KVA	NO.	3	3	0					
2 c		11.0/0.433kV, 2000 KVA	NO.	3	3	0					
2 d		11.0/0.433kV, 2500 KVA	NO.	6	3	3					
2 e		11.0/3.45kV, 2500 KVA	NO.	3	3	0					
3		LV Neutral bushing with metal parts & gaskets	NO EACH RATING								
3 a		11.0/0.433kV, 630KVA	NO.	1	1	0					
3 b		11.0/0.433kV, 1600 KVA	NO.	1	1	0					
3 c		11.0/0.433kV, 2000 KVA	NO.	1	1	0					
3 d		11.0/0.433kV, 2500 KVA	NO.	2	1	1					
3 e		11.0/3.45kV, 2500 KVA	NO.	1	1	0					
4		WTI with contacts	NO EACH RATING								
4 a		11.0/0.433kV, 630KVA	NO.	1	1	0					
4 b		11.0/0.433kV, 1600 KVA	NO.	1	1	0					
4 c		11.0/0.433kV, 2000 KVA	NO.	1	1	0					
4 d		11.0/0.433kV, 2500 KVA	NO.	2	1	1					
4 e		11.0/3.45kV, 2500 KVA	NO.	1	1	0					

Sr. No.	Item code	Item Description	Unit	Total Quantity	Quantity (PEM)	Quantity (ISG)	Unit Ex Works Price (INR)	Total Ex Works Price (INR)	Freight @% of ex-works price	GST @.....% on ex-works + freight	Total FOR Site Price (In INR)
5		OTI with contacts	NO EACH RATING								
5 a		11.0/0.433kV, 630KVA	NO.	1	1	0					
5 b		11.0/0.433kV, 1600 KVA	NO.	1	1	0					
5 c		11.0/0.433kV, 2000 KVA	NO.	1	1	0					
5 d		11.0/0.433kV, 2500 KVA	NO.	2	1	1					
5 e		11.0/3.45kV, 2500 KVA	NO.	1	1	0					
6		Pressure relief Device	NO EACH RATING								
6 a		11.0/0.433kV, 630KVA	NO.	1	1	0					
6 b		11.0/0.433kV, 1600 KVA	NO.	1	1	0					
6 c		11.0/0.433kV, 2000 KVA	NO.	1	1	0					
6 d		11.0/0.433kV, 2500 KVA	NO.	2	1	1					
6 e		11.0/3.45kV, 2500 KVA	NO.	1	1	0					
7		MOG	NO EACH RATING								
7 a		11.0/0.433kV, 630KVA	NO.	1	1	0					
7 b		11.0/0.433kV, 1600 KVA	NO.	1	1	0					
7 c		11.0/0.433kV, 2000 KVA	NO.	1	1	0					
7 d		11.0/0.433kV, 2500 KVA	NO.	2	1	1					
7 e		11.0/3.45kV, 2500 KVA	NO.	1	1	0					
8		Buchholz relay complete	NO EACH RATING								
8 a		11.0/0.433kV, 630KVA	NO.	1	1	0					
8 b		11.0/0.433kV, 1600 KVA	NO.	1	1	0					
8 c		11.0/0.433kV, 2000 KVA	NO.	1	1	0					
8 d		11.0/0.433kV, 2500 KVA	NO.	2	1	1					
8 e		11.0/3.45kV, 2500 KVA	NO.	1	1	0					
9		Set of gaskets (see Note 1)	SET EACH RATING								
9 a		11.0/0.433kV, 630KVA	SET	1	1	0					
9 b		11.0/0.433kV, 1600 KVA	SET	1	1	0					
9 c		11.0/0.433kV, 2000 KVA	SET	1	1	0					

Sr. No.	Item code	Item Description	Unit	Total Quantity	Quantity (PEM)	Quantity (ISG)	Unit Ex Works Price (INR)	Total Ex Works Price (INR)	Freight @% of ex-works price	GST @.....% on ex-works + freight	Total FOR Site Price (In INR)
9 d		11.0/0.433kV, 2500 KVA	SET	2	1	1					
9 e		11.0/3.45kV, 2500 KVA	SET	1	1	0					
10		Set of valves	NO OF EACH TYPE/SIZE								
10 a		11.0/0.433kV, 630KVA	NO.	2	2	0					
10 b		11.0/0.433kV, 1600 KVA	NO.	2	2	0					
10 c		11.0/0.433kV, 2000 KVA	NO.	2	2	0					
10 d		11.0/0.433kV, 2500 KVA	NO.	4	2	2					
10 e		11.0/3.45kV, 2500 KVA	NO.	2	2	0					
Total											
NOTES											
1	1 set consists of gaskets required for 1 No. transformer for the following (a) protection and monitoring devices (b) cooler circuit, if applicable (c) largest inspection cover, if applicable (d) HV/LV turret, if applicable (e) OCTC inspection cover, if applicable										

2X800 MW NTPC SINGRAULI TPP STAGE-III PROJECT									
OIL FILLED SERVICE TRANSFORMERS									
ANNEXURE-III- UNPRICE SCHEDULE FOR EXTRA OIL (5%) FOR PEM SCOPE FOR TENDER ENQUIRY NO. 77/25/6132/AJA DATED 17.09.2025									
Sr. No.	Item code	Item Description	Unit	Quantity (PEM)	Unit Ex Works Price (INR)	Total Ex Works Price (INR)	Freight @% of ex-works price	GST @.....% on ex-works + freight	Total FOR Site Price (In INR)
	EXTRA OIL (5%) OF TOTAL VOLUME FOR ALL TRANSFORMERS IN SEALED NON RETURNABLE STANDARD DRUMS								
1	302-0110006-00-A	EXTRA OIL (5%) for 630 KVA, 11kV/0.433kV, 3 phase, 2 winding, outdoor, ONAN, Z=4.5%, Dyn1, OFF Circuit taps ±5% in steps of 2.5% (with cable box type HV, with cable box type LV and with solidly grounded LVN termination)	Lot	1					
2	302-0110008-00-A	EXTRA OIL (5%) for 1600 KVA, 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)	Lot	1					
3	302-0110009-00-A	EXTRA OIL (5%) for 2000kVA, 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)	Lot	1					
4	302-0110010-00-A	EXTRA OIL (5%) for 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)	Lot	1					
5	302-0110069-00-A	EXTRA OIL (5%) for 2500kVA, 11kV/3.45kV, 3 phase, 2 winding, outdoor, ONAN, Z=6.0%, Dyn1, OFF Circuit taps ±5% in steps of 2.5% (with cable box type HV, with bus-duct type LV and with resistance grounded busbar type LVN termination)	Lot	1					
Total (1 to 5)									

	PROJECT ENGINEERING MANAGEMENT	GENERAL CONDITIONS OF CONTRACT (GCC) Revision no. 07	ANNEXURES
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ANNEXURE-II: DEVIATION SHEET (COST OF WITHDRAWAL)									
PROJECT: _____									
PACKAGE: _____									
TENDER ENQUIRY REFERENCE: _____									
NAME OF VENDOR: _____									
SL NO	VOLUME/ SECTION	PAGE NO.	CLAUSE NO.	TECHNICAL SPECIFICATION/ TENDER DOCUMENT	COMPLETE DESCRIPTION OF DEVIATION	COST OF WITHDRAWAL OF DEVIATION	REFERENCE OF PRICE SCHEDULE ON WHICH COST OF WITHDRAWAL OF DEVIATION IS APPLICABLE	NATURE OF COST OF WITHDRAWAL OF DEVIATION (POSITIVE/NEGATIVE)	REASON FOR QUOTING DEVIATION
TECHNICAL DEVIATIONS									
COMMERCIAL DEVIATIONS									
PARTICULARS OF BIDDERS/ AUTHORISED REPRESENTATIVE									
NAME				DESIGNATIONS		SIGN & DATE			
NOTES:									
1. Cost of withdrawal of deviation will be applicable on the basic price (i.e. excluding taxes, duties & freight) only.									
2. All the bidders have to list out their Technical & Commercial Deviations (if any) in detail in the above format.									
3. Any deviation not mentioned above and shown separately or found hidden in offer, will not be taken cognizance of.									
4. Bidder shall submit duly filled unpriced copy of above format indicating "quoted" in "cost of withdrawal of deviation" column of the schedule above along with their Techno-commercial offer, wherever applicable. In the absence of same, such deviation(s) shall not be considered and offer shall be considered in total compliance to NIT.									
5. Bidder shall furnish price copy of above format along with price bid.									
6. The final decision of acceptance/ rejection of the deviations quoted by the bidder shall be at discretion of the Purchaser.									
7. Bidders to note that any deviation (technical/commercial) not listed in above and asked after Part-I opening shall not be considered.									
8. For deviations w.r.t Credit Period, Liquidated damages, Firm prices if a bidder chooses not to give any cost of withdrawal of deviation (loading as per Annexure-VII, will apply) For any other deviation mentioned in un-priced copy of this format submitted with Part-I bid but not mentioned in priced copy of this format submitted with Priced bid, the cost of withdrawal 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 considered.									
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 withdrawal is to be given separately for each deviation. In no event bidder should club cost of withdrawal of more than one deviation else cost of withdrawal of such deviations which have been clubbed together shall be considered as NIL.									
12. In case nature of cost of withdrawal (positive/negative) is not specified it shall be assumed as positive.									
13. In case of discrepancy in the nature of impact (positive/negative), positive will be considered for evaluation and negative for ordering.									