

TENDER NOTICE

**OFFICE OF THE SUPERINTENDING ENGINEER, 400KV O&M,CIRCLE
POWER TRANSMISSION CORPORATION OF UTTARAKHAND LTD.
VIRBHADRA,RISHIKESH**

**Work of arresting of total oil leakage from the top of main tank of 50MVAR
Reactor and Radiator of 240MVA BHEL make Transformer at 400KV
Substation Rishikesh AGAINST TENDER SPECIFICATION NO.
T-23/SE(O&M)R/2019-20**

S. No.	DESCRIPTION	DETAIL
1.	Tender No.	T-23/SE(O&M)R/2019-20
2.	Name of Supply/Work	Work of arresting of total oil leakage from the top of main tank of 50MVAR Reactor and Radiator of 240MVA BHEL make Transformer at 400KV Substation Rishikesh.
3.	Delivery/completion period	90 Days
4.	Price of Tender Document	Rs. 250.00 + 18.00% GST i.e. Rs. 295.00 (Non-refundable) in the shape of DD in favour of Executive Engineer 400KV O&M, Division, Virbhadra Rishikesh.
5.	Earnest Money (EMD)	Rs. 15,000.00 (Rs. Fifteen Thousand only) in the shape of FDR/TDR /CDR/B.G. duly pledged in the name of Executive Engineer 400KV O&M, Division, Virbhadra Rishikesh.
6.	Last date of purchase of Bid Documents	Upto 15.00 Hrs on on 28.02.2020
7.	Last Date for Submission of Bid	Up to 15.00 Hrs on on 29.02.2020
8.	Date & Time of Opening of Technical Bid & Commercial Bid) (Part-I & II)	At 16.00 Hrs on on 29.02.2020
9.	Address/Contact/Telephone No. & E-mail address of Tender issuing office.	Superintending Engineer,400KV O&M, Circle PTCUL, Virbhadra, Rishikesh. E-mail: sanjeev_kumar@ptcul.org
10.	Type of Tender	Open Tender

SUPERINTENDING ENGINEER

Seal & Signature of Bidder

Note: The Tender document shall only be downloaded from PTCUL website www.ptcul.org

INSTRUCTIONS TO BIDDERS AND GENERAL CONDITIONS OF CONTRACT

INTRODUCTION

1.0 GENERAL PARTICULARS

1.0 The Power Transmission Corporation of Uttarakhand Ltd. Dehradun herein after called "PTCUL/OWNER" (the term would include PTCUL) intends to receive bids for **Work of arresting of total oil leakage from the top of main tank of 50MVAR Reactor and Radiator of 240MVA BHEL make Transformer at 400KV Substation Rishikesh** through Superintending Engineer, 400KV(O&M) Circle, Rishikesh as detailed in the accompanying specification in accordance with the terms & conditions herein. The bids shall be prepared and furnished as per these instructions.

2.0 PRE-QUALIFYING REQUIREMENTS

A. TECHNICAL CRITERIA

- 2.1 The Tenderers should have submitted Tender downloading Application Form.
- 2.2 The Tenderer/bidders should be the manufacturer of product or should be authorized dealer/distributor and having adequate experience of such type of work i.e. arresting of leakage on Transformers of 400/220/132kv Substations during last five years, as per following conditions:
 - 2.2.1 Three similar completed works costing not less than the amount Rs. 1.77 Lac.
Or
 - 2.2.2 Two similar completed works costing not less than the amount Rs. 2.22 Lac.
Or
 - 2.2.3 One similar completed work costing not less than the amount Rs. 3.34 Lac.
- 2.3 Experience certificates from the officer not below the rank of Executive Engineer for the having successfully executed the same or similar work during last five years as below:
- 2.4 The Tenderer should furnish the details of their experience and statement of past works in the form "Details of orders executed during last five years" annexed. Photostat copies of order and performance reports of these items from various State Electricity Boards/other Govt. Departments also be given.
- 2.5 Experience certificate should be issued by an officer not below the rank of Executive Engineer mentioning nature of work, Agreement No., Amount of work, Scheduled time of completion of work and Actual time of completion etc.

B. FINANCIAL CRITERIA

- 3.1 Tender downloading application form is mandatory to be attached with tender documents.
- 3.2 Agreement of validity of duly executed on non-judicial stamp paper worth Rs. 100.00 duly affixed with Rs. 1.00 Revenue stamp should be submitted.
- 3.3 Copy PAN Card of Individual/Company/Firm/All partners in case of partnership firm should be attached.
- 3.4 Tenderer should have submitted copy of GST Registration.
- 3.5 The Employee Provident Fund (EPF) Registration Number shall be a mandatory PQR for award of Work Contracts, Manpower Contracts, Vehicle Hiring Contracts and Annual Maintenance Contracts etc. along with latest proof for submission of EPF of employees in EPF department.
- 3.6 RTGS/NEFT Details of the bidder is to be submitted.
- 3.7 Solvency certificate from Bank (20% of bid value) should be submitted.
- 3.8 Minimum Average Annual Turnover (MAAT) should be Rs. 7.50 Lac for the preceding best three years out of the last five financial years.

Note: The Balance sheet and other financial documents attested/ certified by CAs to substantiate fulfillment of FQR should be with UDIN failing which the tender will be summarily rejected without any further reference.

4.1 In case a bid is submitted by a bidder as a Joint venture (JV)

- a. In case a bid is submitted by a bidder as a Joint venture (JV) firm then such joint venture will be allowed for a maximum of two firms only where one will be the lead partner and the other firms will be treated as JV partners.
- b. In case of Joint Venture, the following conditions shall also apply:
- c. One of the partners shall be nominated as lead Partner, and the authorization shall be evidenced by submitting a Power of Attorney signed by legally authorized signatories of all the partners.
- d. The Lead Partner shall be authorized to incur liabilities and receive instructions for and on behalf of any partners of the Joint Venture, and the entire execution of the contract, including payment, shall be done exclusively with the Lead PARTNER.
- e. All partners of the Joint Venture shall be liable jointly and severally for the execution of the Contract in accordance with the contract terms, and a statement to this effect shall be include in the authorization mentioned under (c) above.
- f. Agreement entered into by the joint venture partners shall be submitted with the bid and will remain in force during the tenancy of contract and Guarantee Period thereafter.
- g. The lead partner of the Joint Venture firm should meet 100% of the Technical Qualifying Requirement (TQR) of the respective tender.
- h. All partners of JV firm should have the experience for activities of Construction / Manufacturing of items or equipments/Supply of items or equipments or products, meant for transmission utilities only.

4.2 The Bidder/Collaborator/JV Partner must have executed similar works in the last Seven years and these works should be working satisfactorily. Certificate of completion, Agreement no., Amount of work done and schedule time of completion versus actual time of completion work not less the Rank of Executive Engineer of similar works should be submitted.

4.3 The bidder must comply the GTP of various items along with vendor name for supply of items in case of bought out items. All items should be type tested during last three (3) years, if applicable.

4.4 The Tenderer either shall themselves be manufacturer/Importer of the Plant & Machinery to be used in the project or has tie up with reputed manufacturer in India or abroad.

5.0 PREPARATION OF BID

5.1 The Bid shall be submitted in three parts in sealed cover as per Index and in the following manner.

- a) Envelope –I will contain the following;
 1. Tender downloading application form.
 2. The requisite cost of tender documents in the shape of Demand Draft in favour of **Executive Engineer,400KV (O&M), Division, Rishikesh** on any scheduled Bank payable at Rishikesh with covering letter of the Firm.
 3. Earnest Money as specified hereinafter in the required shape with Tender Form.
 4. The Envelope should be super scribed Tender No. T-23/SE(O&M)R/2019-20 Part-I (Tender Cost, Earnest Money & Tender downloading application form).
- b) Envelope-II should contain the following duly stamped & signed on each page;
 1. Pre-qualifying requirements and commercial terms & conditions with supporting documents.
 2. General Data Sheet along with desired proofs.
 3. Technical Specification
 4. The Envelope should be super scribed Tender No. T-23/SE(O&M)R/2019-20 Part-II (Pre-qualification & Technical Part) .
- c) Envelope –III should contain the following;
 1. Price Schedule duly filled in, stamped & signed.

2. The Envelope should be super scribed Tender No. T-23/SE(O&M)R/2019-20 Part-III (Price Bid) .

All the above envelopes should be kept in one Envelope addressed to Superintending Engineer, 400KV(O&M) Circle, Power Transmission Corporation of Uttarakhand Ltd, Virbhadra, Rishikesh. The Envelope should be super scribed as "Tender No. T-23/SE(O&M)R/2019-20 for Work of arresting of total oil leakage from the top of main tank of 50MVAR Reactor and Radiator of 240MVA BHEL make Transformer at 400KV Substation Rishikesh should not be opened **before 29.02.2020**.

- 5.2 Tenders duly sealed should be submitted through **Speed Post/Registered Post only**.
- 5.3 Tenders received without tender document cost and earnest money shall not be entertained and shall be rejected summarily.
- 5.4 The Prices should be quoted firm basis F.O.R. Destination.
- 5.5 **COST OF TENDER DOCUMENTS** Tender document cost Rs. 250.00 plus 18.00 % GST i.e. Rs. 295.00 (Non-refundable) shall have to be deposited by the Tenderer in the shape of Demand Draft only in favour of **Executive Engineer,400KV O&M, Division Rishikesh** on any scheduled bank payable at Rishikesh. Tenders received without adequate amount of Tender document cost shall be rejected summarily.

6.0 EARNEST MONEY

- 6.1 Earnest Money amounting to Rs. 15,000.00 (Rupees Fifteen Thousand only) in the shape of CDR/FDR/TDR/B.G. duly pledged to **Executive Engineer,400KV O&M, Division Rishikesh** should be valid for six months from the date of opening of tender. Tenders received without adequate amount of Earnest money shall be rejected summarily.
- 6.2 No firm will be exempted from deposition of Earnest money irrespective they are registered with Director of Industries, Small Scale Industrial Corporation, DGS&D or any other institution.
- 6.3 The Uttarakhand based manufacturer can deposit the earnest money as per Industrial Policy No. 502&vk0fo0@03&143&m|kx@203 fnukd 23 vxLr 2003-
- 6.4 The bid security is required to protect the owner against the risk of Bidder's conduct, which would warrant the guarantee forfeiture. The bid guarantee shall be made payable to the Owner without any condition whatsoever.
- 6.5 Unsuccessful Bidder's bid security/EMD will be returned/refunded within two month on finalization of tender.
- 6.6 The bid guarantee may be forfeited:
 - a) If a Bidder withdraws its bid during the period of bid validity specified by the bidder on the bid Form.
 - b) If a bidder refuses to accept the contract or fails to commence the works (including supplies within thirty days of letter of award of contract).
- 6.7 The amount of Earnest money of successful Tenderer shall be retained as contract security which shall be released on submission of performance guarantee.

7.0 TAXES AND DUTIES

- 7.1 GST shall be paid extra as legally applicable.

8.0 TOOLS & TACKLES

- 8.1 All the tools & tackles required for completion of the supply/work shall be arranged by the Contractor.

- 9.0 Tenders received late due to postal delay, the delay cannot be attributable to PTCUL and PTCUL shall not be responsible for the same in any way.

- 10.0** Telegraphic offer will not be entertained and shall be rejected summarily.
- 11.0** The prices should be quoted in words and figures as well. In case there is difference in rates quoted in figures and words, the rates favorable to PTCUL shall be taken into account for valuation as well as execution of agreement purposes.
- 12.0** Every cutting should be signed and eraser should not be used.
- 13.0** The undersigned reserve the right to divide the work among one or more Tenderers participated.
- 14.0** The Tenderer should invariably declare if some of his relative is employee of PTCUL. His name and post should be indicate or otherwise a certificate should be submitted that none of his relative is employee of PTCUL.
- 15.0** The quantities given in the schedule of price are tentative and may vary five per cent on either side of the Contract value.
- 16.0** n case the due date of opening of tenders happens to be a public holiday, the tenders shall be received and opened at the scheduled time on next working day without any notice.
- 17.0** Conditional tender shall not be entertained. In case in rebate is given, it should be clear cut and not subject to any condition.
- 18.0** In case the Tenderer do withdraw/ increase/decrease or modify their offer within the validity period of the offer, the offer shall be rejected summarily and the firm will be liable punitive action against them. Agreement to this effect is to be executed on non-judicial stamp paper worth Rs. 100.00 in the prescribed format attached hereinafter, in absence of which the offer of the firm is liable to be rejected.
- 19.0** The jurisdiction for adjudication, in case of any dispute, which could not be resolved by mutual negotiations, shall be the Nainital High Court or their subordinate court at Rishikesh.
- 20.0** All the Correspondence in this contract shall be addressed to Superintending Engineer, 400KV (O&M) Circle, PTCUL, Rishikesh or his subordinate Office, Executive Engineer, 400KV O&M Division, Rishikesh in English or Hindi Deonagari Script In case of correspondence made in any provincial Language the English translation of the same should be attached invariably.
- 21.0** The Contractor shall have to observe all the safety rules. Any accident caused to Contractor's labour during the course of work PTCUL shall not be responsible for payment of any compensation to the Contractor's workman.
- 22.0** Any damages caused to PTCUL's property/installation due to negligence by the Contractor's workman, the Contractor shall be liable to make the losses good without any cost on the PTCUL.
- 23.0** The Contractor shall ensure payment of minimum wages as per Minimum Wages Act. Any default in this regard shall be Contractor's responsibility.
- 24.0** If there is any discrepancy/objection is noticed to any Firm/Contractor in the Price Schedule/BOQ and in any other terms & conditions of this tender specification, the same may be cleared in writing before submitting their tenders/bids. After receipt/opening of Tenders/bids no complaint shall be entertained.
- 25.0** All other terms & conditions of PTCUL i.e. General Conditions of Contract (GCC), Special Conditions of Contract (SCC) & Erection Conditions of Contract (ECC) shall be applicable.
- 26.0** The undersigned reserve the right to reject any or all the tenders without assigning any reason whatsoever.
- 27.0** The contractor shall be fully responsible to strictly follow the Labor Laws and any other applicable relevant for rules for performance of the work.

TECHNICAL SPECIFICATION

This specification covers the Work of arresting of total oil leakage from the top of main tank of 50MVAR Reactor and Radiator of 240MVA BHEL make Transformer at 400KV Substation Rishikesh.

SPECIAL Instructions for Bidders FOR ANNEXURE A (For Supply of Materials)

- (1) Bidders will have to quote the name of the product and its manufacturer.
- (2) Bidders if not manufacturer of the quoted product, will have to submit authorized dealership / stockist / distributorship certificate from the manufacturer.
- (3) Bidders will have to submit the 16 sections MSDS along with their bid for item no. 1,2,3&4. And also provide the manufacturer's web site (actual manufacturer of the product) for on line cross reference of the MSDS being submitted along with the bid for item no. 2,3&4. The quoted product will be accepted as technically suitable after the cross referring of the submitted MSDS and the MSDS present on the website.
- (4) Bidders will have to provide test certificates against the supply of materials.

CAS No. (CHEMICAL ABSTRACT SERIAL NUMBER) – Every chemical whether it is in any form has a chemical name and serial number for the same, it can be referred to chemical dictionary or on web.

CHEMICAL REQUIRED FOR ARRESTING OIL LEAKAGES

SL. NO.	PRODUCT CATEGORY	CHEMICAL NAME	CAS No.	INGREDIENT PERCENT	FLASH POINT	PHYSICAL STATE APPEARANCE
1	RESIN	IRON	7439-89-6	30 – 60 by weight	204.4°C	PASTE
		BISPHENOL A DIGLYCIDYL ETHER RESIN	25068-38-6	30 – 60 by weight		
		TITANIUM	7440-32-6	1 – 5 by weight		
		SILICON	7440-21-3	10 - 30 by weight		
		CARBON BLACK	1333-86-4	0.1 – 1 by weight		
2	HARDENER	TITANIUM DIOXIDE	13463-67-7	1 – 5 by weight	93.3°C	PUTTY
		CRYSTAL LINE SILICA	14808-60-7	0.1 – 1 by weight		

TITANIUM BASED EPOXY CHEMICAL REQUIRED FOR MULTI PURPOSE REPAIRS AND THEIR STRENGTHENING						
SL. NO.	PRODUCT CATEGORY	CHEMICAL NAME	CAS No.	INGREDIENT PERCENT	FLASH POINT	PHYSICAL STATE APPEARANCE
1	RESIN	IRON	7439-89-6	30 – 60 by weight	204.4°C	VISCOUS. LIQUID
		BISPHENOL A DIGLYCIDYL ETHER RESIN	25068-38-6	10 – 30 by weight		
		TITANIUM	7440-32-6	1 – 5 by weight		
		SILICON	7440-21-3	5 – 10 by weight		
		MAGNESIUM SILICATE HYDRATE	14807-96-6	5 – 10 by weight		
2	HARDENER	FORMALDEHYDE POLYMER WITH PHENOL AND TETA	32610-77-8	10 - 30 by weight	136.1°C	PASTE
		IRON	7439-89-6	10 - 30 by weight		
		MAGNESIUM SILICATE HYDRATE	14807-96-6	10 – 30 by weight		
		PHENOL	108-95-2	5 - 10 by weight		
		2-ETHYL-4-METHYLIMIDAZOLE	931-36-2	5 - 10 by weight		
		SILICON	7440-21-3	1 - 5 by weight		
		TITANIUM DIOXIDE	13463-67-7	1 - 5 by weight		
		TITANIUM	7440-32-6	1 - 5 by weight		
		CRYSTALLINE SILICA	14808-60-7	0.1 - 1 by weight		
		TRIETHYLENETETRAMINE	112-24-3	1 - 5 by weight		

SPECIFICATIONS FOR TITANIUM PUTTY

- **Other Works Condition:**

1. Wor
k of arresting of total oil leakage from the top terrot of main tank and radiator.
2. Top
terrot of 50MVAR Reactor.
3. Rad
iator of 240MVA (400/220/33KV) BHEL make Transformer.
4. By
tightening of nut & bolt, cleaning the surface with oil removing agent/ cleaner in main body of with the help of plastic steel 5 minute putty SF, Silite Sealant, titanium putty cleaner / agent, reinforcement tap, changing of small part of gas kit change if required and insulated verbusg fir complete execution of work including supply of all above material with appropriate quantity.

a. of arrested leakage: Two year for arrested oil leakage.

Life

**Executive Engineer
400KV O&M Division
Rishikesh**