

The Tata Power Company Limited Invites Tenders through E-Tender Two-Part Bidding Process from interested bidders (with manufacturing facilities in India) for the following package required for its Hydro Generating Station at Bhira, Dist - Raigad Maharashtra, India, :-

A. Summary of the tendered package:

Package No.	Description	Tender Reference no.	Bid Guarantee Fee / EMD (Rs.)	Tender Fee (Rs.)
For the following package contact person shall be Mr. Nagdhar C Kandi (nkandi@tatapower.com) with copy to Mr. Pravin Kumar Jain (pkjain@tatapower.com).				
1.	Design, manufacture, factory testing, packaging, route survey, transportation, delivery, matching with site foundation, installation, testing and commissioning of Generator Transformer (3 Phase, 50Hz, 30 MVA, 115/11 kV, YNd1 Generator Transformer with Mineral Oil) at Bhira G/S.	CC20KNC001	5,00,000 /-	1,000 /-

For additional technical details of the above-mentioned packages please refer section C.

B. Guidelines for Participating:

Interested bidders having executed similar projects and meeting the Qualification Requirement as mentioned below in section D can participate by submitting the following up to 1100 hours on Monday 20th January 2020:

1. Non-Refundable Tender Fee, as indicated in table above, in the form of
 - a. Demand Draft in the name of "The Tata Power Company Limited" payable at Mumbai along with a covering letter clearly indicating the Tender Reference number.

(or)

- b. Direct deposit in the following bank account and submit the receipt along with a covering letter clearly indicating the Tender Reference number –

Beneficiary Name – The Tata Power Co. Ltd.

Bank Name – HDFC Bank Ltd.

Branch Name – Fort Branch, Mumbai

Address – Maneckji Wadia Building, Nanik Motwani Marg, Fort, Mumbai 400023.

Branch Code – 60

Bank & Branch Code – 400240015

Account No – 00600110000763

Account type – CC

IFSC Code – HDFC0000060

2. Bidders to also submit duly signed and stamped letter indicating name of authorized person, contact number and e-mail id (mandatory) on Bidder's letterhead. It is mandatory to mention Tender Reference no. in the said letter.

Note: - Once the above-mentioned documents are received, detailed RFQ shall be issued through our e-tender system.

Interested Bidder has to get in touch with contact persons mentioned above at The Tata Power Company Limited, Smart Center of Procurement Excellence, 2nd Floor, Sahar Receiving Station, Near Hotel Leela, Sahar Airport Road, Andheri East, Mumbai-400059 for submitting the documents. It may be please be noted that all future correspondence will be strictly done only with **Interested Bidders** who have done the above steps in time with Authorized Person through Tata Power E-Tender System.

C. Addition technical details: (Please refer the following pages for details).

Tender Reference No- CC20KNC001	
Package Name - Design, manufacture, factory testing, packaging, route survey, transportation, delivery, matching with site foundation, installation, testing and commissioning of Generator at Bhira G/S	
I. 3 Phase, 50Hz, 30 MVA, 115/11 kV, YNd1 Generator Transformer with Mineral Oil - 1 No	
LV	HV Oil to Air RIP Bushing connection to AIS conductor
HV	LV Oil to Air OIP bushing. LV copper bus duct box shall be compatible with the existing arrangement
Cooling	ONAN/ ONAF/OFAF OR ONAN/ONAF1/ONAF2 (18/24/30MVA) OR Water cooled forced oil circulation as per the existing design
<ol style="list-style-type: none"> 1. GENERATOR TRANSFORMER mentioned above must have OCTC with 6 taps (110kV to 122.5 kV with step of 2.5kV) on HV side along with all accessories with standard engineering practices, IS & IEC Standards. 2. The bidder must provide Surge Arrester at the LV side with ratings above HSV and as per IS standard for Power Transformer. 3. Bidder must visit site for confirming phase orientation of HV & LV side, footprint, foundation dimensions and water cooling system of proposed GT and shall design new power transformer matching with existing phase orientation in existing pocket of transformer. 4. Transformer body grounding, LV neutral grounding, LV box grounding etc. (at least 2 places) with specified short circuit rating and specified diameter of copper conductor up to existing earth pit shall be in bidders' scope. 5. The SCADA/DCS integration of HV & LV WTI, online DGA, OTI etc. shall be in bidders' scope. These temperature values shall be reported to existing station SCADA/DCS. 6. The bidder must confirm the technical and operational support for equipment being procured under this requirement. 7. The Bidder shall support with all efforts to commission the equipment being procured under this requirement as per Tata Power commissioning schedule. <p>NOTE:</p> <ol style="list-style-type: none"> a) Bidder should quote for complete scope as mentioned above. 	

- b) SCADA integration of FOP based winding hot spot measurement system & OTI, Conventional WTI & OTI with Substation Automation Systems (SAS) / DCS along with data/FOP cables and converter etc. will be in Bidder's scope. Material and services required for integration of these devices with SAS will be in Bidder's scope.
- c) Radiators and HV and LV interface location can be flexible as per the site requirement.

D. Bidder's Qualification Requirement:

Please note the documentary evidence to ascertain meeting of the PQR has to be submitted along with the bid and not along with the tender fee.			
Parameter		Tata Power's Requirement (Bidder to meet all the requirement given below)	Documents to be submitted by Bidder to ascertain meeting of Pre-Qualification Requirement
TECHNICAL CRITERIA	1	Bidder must have Power Transformer manufacturing and testing facilities in India for 145/245/400 kV voltage level and 150 MVA or above MVA capacity	Vendor to confirm and provide the details
	2	Bidder must have supplied minimum 100 no. EHV power transformers of 150 MVA or higher capacity.	Documentary evidence (i.e.) copy of P.O. to establish the fact as point no 1.
	3	Minimum 50 no. Power Transformers should have been in satisfactory commercial operation for a minimum period of three years and above as on the date of bid opening.	Vendor to confirm and provide the details
	4	Bidder shall provide for additional warranty of 3 years over and above mentioned in relevant clause of GCC (which is 2 years). That is total 5 years warranty from the date of commissioning.	Vendor to confirm
	5	The bidders should have successfully type tested Power Transformer of capacity 150 MVA and above for short circuit test, from accredited laboratory (accredited based on ISO/IEC Guide 25/17025 or EN 45001 by the National accreditation body of the country where laboratory is located) as per IEC / IS / Technical specification. The type tests shall be valid for a period of minimum five years from the date of opening of technical bid	Vendor to confirm and provide the supporting document
	6	Acceptance of Owner's preferred list of vendor / sub vendor / OEM, which will be shared as part of Technical Specifications. However, if Bidder introduces additional vendor/sub vendor the same will be evaluated separately. This vendor/sub vendor evaluation / assessment shall inter-alia include (i) document verification; (ii) Bidders work / manufacturing facilities	Vendor to confirm, in case vendor introduce additional vendor list the same shall be evaluated separately

		visit (iii) manufacturing capacity, details of works executed, works in hand, anticipated in future and the balance capacity available for present scope of works; (iv) details of plant and machinery, manufacturing and testing facilities, manpower and financial resources; (v) details of quality systems in place; (vi) past experience and performance; (vii) customer feedback; (viii) response to complaint	
	7	Bidder must agree for handing over, to Owner, all project related drawings in AutoCAD format only. The pdf versions of above drawings shall also be submitted through Wrench project management software for formal approval process	Vendor to confirm
	8	Acceptance of minimum quality requirements defined in technical specifications.	Vendor to confirm
FINANCIAL CRITERIA		The Net Worth of the Bidder as on the last day of the preceding financial year is at least equal to or more than the paid-up share capital. (Net Worth means the sum total of the paid up share capital and free reserves. Free reserves means all reserves credited out of the profits and share premium account but do not include reserves credited out of the revaluation of assets, write back of depreciation provisions and amalgamation. Further, any debit balance of profit and loss account and miscellaneous expenses to the extent not adjusted or written off, if any, shall be reduced from Reserves & Surplus.)	Bidder should submit copies of their profit and loss account and audited Balance sheet for the last three preceding financial years along with the Bid Document. In cases, where audited results for the last preceding financial year are not available, certification of financial statements from a practicing Chartered Accountant shall also be considered acceptable.