

न्यूक्लियर पावर कारपोरेशन ऑफ इंडिया लिमिटेड
NUCLEAR POWER CORPORATION OF INDIA LTD.

(भारत सरकार का उद्यम)

(A Government of India Enterprise)

तारापुर परमाणु विद्युत केंद्र 3-व4

TARAPUR ATOMIC POWER STATION-3&4

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न्यूक्लियर पावर कारपोरेशन ऑफ इंडिया लिमिटेड
Nuclear Power Corporation of India Limited



भारतीय मानक ब्यूरो



BUREAU OF INDIAN STANDARDS

क्र. No. तापबिध- 3व4 TAPS-3&4/गुआ QA /2025/एस S/

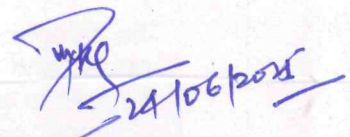
दिनांक Date : /06/2025

Sub: Administrative approval for award of a contract for "Technical support for Eddy current Testing of Steam Generator of TAPS-3 during BSD -2025."

1.	Name of Work: Technical support for Eddy current Testing of Steam Generator of TAPS-3 during BSD -2025.
2.	Brief Description of Work with justification: It has been a practice to carry out extensive In-Service inspection (ISI) of pressure retaining components to provide assurance that likelihood of failure that could endanger the health and safety of the plant and personnel has not significantly increased since the plant was put into service. BSD of TAPS-3 is tentatively scheduled in August-2025. In this BSD, ISI-ECT of 01 (One) number of Steam Generator (3-3311-SG-1) is to be taken up on priority. This is 3rd ISI interval (2022-2032) inspection activity of SG-ECT. As per revised station specific ISI program document which is based on GID approved by AERB, the quantum of U-tubes of SG to be inspected by ECT has been enhanced from 20% to 25%. Hence, now 625 tubes both in hot & cold leg will be required to be inspected as compared to earlier count of 500 tubes (approx.). Eddy current Testing (ECT) of SG U-Tubes will be carried out using M/s. Technofour make Robotic Manipulator remotely from the ECT control room established in RBLT-3 room. During Eddy current Testing, Technical support, suit to site modifications in the robotic system & troubleshooting may be required for smooth and timely execution of the Inspection activity. Robotic Manipulator is a Proprietary product of a single manufacturer (M/s. Technofour, Pune) & this party is the only source available for this special type of service work. As the SG-ECT activity is performed only during BSD's, training for familiarization of the contract & departmental personnel on the different components & accessories of robotic manipulator system, deployment operation & removal of the system from the SG's is also required to be imparted. Hence it is proposed to award a contract on Single Tender basis to M/s. Technofour, Pune for Technical support for Eddy current Testing of Steam Generator of TAPS-3 during BSD-2025. The category of manpower involved in this contract is specialized manpower from OEM for specific and critical activity. This manpower is not available from any other source, as the specialized equipment is developed only by M/s Technofour, Pune for NPCIL. Their regular personnel only know the technical intricacies of Robotic manipulator equipments, hence does not fall under any category mentioned in SOR.

3.	Estimated value of the work including all taxes	:	Rs. 10,11,024/- (Rupees Ten Lakh Eleven Thousand Twenty Four only) inclusive of insurance charges & GST @18%.
4.	Contract Start Date	:	Start date of work will be based on date of start of TAPS-3 BSD August-2025 tentatively from 25/08/2025
5.	Contract End date	:	Contract end after 30 days from the date of start of work.
6.	Mode of Tender with justification	:	Single Tender Robotic Manipulator is a Proprietary product of a single manufacturer (M/s Technofour, Pune) & this party is the only source available for this special type of service work.
7.	Waiver sought, if any with justification (a) Waiver of bid Security (b) Applicability of ESIC (c) Escalation	:	APPLICABLE APPLICABLE (The workmen are permanent employees of M/S Technofour, Pune and they are covered under insurance policy of company. Hence ESIC is not applicable) This activity can only be performed during BSD's/long shutdown opportunities. The whole quantum of work will be positively completed within the BSD period. No escalation in any component is required.
8	(a) Exemption/ Relaxation from meeting the qualification criteria in respect of prior experience and financial criteria for eligible MSE(s)/Start-up subject to meeting of quality and technical specifications (b) In case of exemption/relaxation from meeting the qualification criteria in respect of prior experience and financial criteria the clause stipulating meeting of quality and technical specifications	:	Yes Not Applicable (Robotic Manipulator is a Proprietary product of a single manufacturer (M/s Technofour, Pune) & this party is the only source available for this special type of service work. Hence it is proposed to award a contract on Single Tender basis to M/s. Technofour, Pune.
9	Schedule of Employment	:	The category of manpower involved in this contract are specialized manpower and does not fall under any category of manpower mentioned in SOR

Competent authority may please accord approval to the above proposal


 पुनीत कुमार, Puneet Kumar
 वैज्ञानिक अधिकारी- ई. (गु.आ.) SO/E

वरिष्ठ अभियंता (गु.आ.), SQAE

for
24/06/2025

24/06/25

अधीक्षक (गुणवत्ता आश्वासन) टि.एम.एस.
Superintendent (QA) TMS

24/06/25

मुख्य अधीक्षक, टि.ए.पी.एस.-३ व ४
Chief Superintendent, TAPS-3&4

केन्द्र निदेशक Station Director : कृपया अनुमोदन के लिए,
टि.ए. पी.एस. 3 व 4 TAPS-3&4 : For Approval Pls.

The proposed work is associated with ISI Program of station and planned to be carried out in upcoming R&D of TAPS-3. Accordingly proposal is approved. अनुमोदित —

280625

एम. सूर्य प्रसाद M. SURYA PRASAD

Signature Not Verified

Digitally signed by R L SHARMA

Date: 2025.07.30 15:10:10 IST

Location: eProcurement System for Central PSUs