

NTPC LTD
CORPORATE OPERATION SERVICES, EOC, NOIDA
VENDOR ENLISTMENT FOR O&M WORKS PACKAGE ON PAN NTPC BASIS

1	CEG No.	MGR-03
2	Brief description of CEG	Ultrasonic Flaw Detector (USFD) Testing of MGR rail track & welded Joints in MGR
3	Responsibility Centre	ERHQ-I
4	Indicative brief scope of work	<p><u>A-1: RAILS/TRACK ULTRASONIC TESTING (Unit – RMT of Track)</u></p> <p>Testing of 52 KG Rail ‘or’ 60 KG Rail track by USFD machine for detecting flaw by using probe 0 degree, 30 degree and 70 degree probes or “suitable probe as per prevailing railway norms” including cleaning of Rail surface by wire brush , providing USFD machine and suitable Battery for this work as per RDSO/M&C/401/2008 or Equivalent or Advanced. All type of probes, all type of tools and tackles and supply of all operators / Labours / supervisors, All consumable & safety items like paints & personal protective Equipment etc. including cleaning the rail surface by wire brush & coolant (water) etc.</p> <p>After completion of Testing: Periodical Test Reports indicating all types of defects in specified Format to be submitted immediately for Rectification.</p> <p>The Agency has to arrange all Safety arrangements towards his USFD Testing Machine and Testing Team Members as well as MGR Track so that Safe Movement of Rolling Stock do not hamper at the time of USFD TESTING. All transportation and protection of USFD testing Machine and Testing Team Members will be in scope of Agency.</p> <p>After identifying any defects i.e. IMR , IMRW, OBS , OBSW, DFW etc, the Agency has to mark with proper Red Paint "Cross Mark" that Rail Piece or Weld Joint as per RDSO USFD Manual, and inform immediately to Area PWI and concerned Engineer and submit report in Standard RDSO Format to EIC.</p> <p>Before starting the work, the Agency has to produce the Original & Photocopy of documents (For verification) of USFD TESTING MACHINE along with the test/ calibration certificate of machine to the EIC.</p>

		<p><u>A-2 RAILS/TRACK WELDING (Unit – Nos)</u></p> <p>Testing of 52 KG Rail ‘or’ 60 KG Rail welding joints by USFD Machine for detecting flaw by using 80 degree regular probes or “suitable probe as per prevailing railway norms” including cleaning of welds joint/Rail surface by wire brush/coolant (water) Providing USFD machine and suitable Battery for this work as per RDSO/M&C/401/2008 or Equivalent or Advanced. All types of probes, all tools and tackles and supply of all operators, Labours, supervisors, all consumable & safety items like paints & personal protective Equipment etc including cleaning the weld joint /Rail surface by wire brush & coolant (Water) etc.</p> <p>After competition of Testing Periodical Test Reports indicating all types of defects in specified format to be submitted immediately for Rectification.</p> <p>The Agency has to arrange all Safety arrangements towards his USFD Testing Machine and Testing Team Members as well as MGR Track so that Safe Movement of Rolling Stock do not hamper at the time of USFD TESTING. All transportation and protection of USFD testing Machine and Testing Team Members will be in scope of Agency.</p> <p>After identifying any defects i.e. IMR, IMRW, OBS , OBSW, DFW etc, the Agency has to mark with proper Red Paint "Cross Mark" that Rail Piece or Weld Joint as per RDSO USFD Manual, and inform immediately to Area PWI and concerned Engineer and submit report in Standard RDSO Format to EIC.</p> <p>Before starting the work, the Agency has to produce the Original & Photocopy of documents (For verification) of USFD TESTING MACHINE along with the test/ calibration certificate of machine to the EIC.</p> <p>Note: The above Scope of Work is indicative only: The detailed Scope of Work shall be as mentioned in the tender enquiry.</p>
5	<p>Technical Qualifying requirements for CEG, MGR-03 (USFD Testing of MGR rail track & welded Joints in MGR)</p>	<p>B-1: The bidder must have experience of having successfully executed the work of USFD Testing of Rails and /or Rail Joints on Railway Track, for a minimum quantity of 80% of the track km of the station , in a single order over a period of last 03 years.</p> <p>B-2: The Bidder should have successfully executed the above work in any Govt Deptt/ Semi Govt/SEBs/Indian Railways/PSUs during the last 03 years from the last date of submission of application for enlistment.</p>

	Document to be submitted by applicant in support of meeting QR	<p>A. Detailed Work order/PO with mention of scope of work, terms and conditions and BOQ.</p> <p>B. Work completion Certificate/ (Job progress certificate if the work is not completed) from employer with mention of date of start and completion, executed value as per BOQ and performance of contractor for this work.</p> <p>C. Contractor should attach document showing the total track length of the station/project in which work was carried out/is under progress.(Attach this in QR document field)</p>
6	Additional Documents to be submitted	<p>Following documents are also required to be submitted by the applicants applying for enlistment:-</p> <ol style="list-style-type: none"> 1. Three POs with BOQ of the highest executed values of similar work during previous five years from the date of application and Copy of Completion Certificate /RA Bill/ final deviation statement from the concerned client in support of execution of job against each of the POs to be submitted. 2. Audited balance sheet including Profit & Loss statement for the previous three completed financial years reckoned from the date of application. In case the audited documents are not ready / available, then certified copy by a registered practicing Chartered accountant may be submitted. 3. NSIC / SSI / MSE registration certificate, if applicable. 4. PF and Service Tax registration certificate. 5. Any other documents in addition to the above which the applicant wants to submit.
7	Notes	<p>Guidelines for finding the executed value of the POs submitted by the applicants (Three highest executed values shall be considered)</p> <ol style="list-style-type: none"> (a) Executed value means “The combined executed value from all BOQs of the similar work or the lump-sum amount of the similar work executed by the applicant (if there is no BOQ)” (b) Similar work means “The work of USFD Testing of Rail &/ or Rail Joints on Railway Track in any Govt Deptt/ Semi Govt /SEBs / Indian Railways /PSUs during the last 05-years from the last date of submission of application for enlistment. (c) Value means basic value of the PO. Where PO value is composite (i.e. including Service taxes etc.), the applicant has to give break-up of composite PO value mentioning basic value, taxes etc. (d) Material values supplied, if any, within the similar work shall be considered as executed values if total material value supplied is equal to or less than 20% of overall executed value. If the material value is more, than total material value shall not be considered within executed value.