

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

1	CEG No.	TMD-17
2	Brief description of CEG	Inspection / Overhauling of Gas Turbines requiring rotor discs dismantling and assembly for NTPC Gas Stations.
3	Responsibility Centre	WRHQ-I
4	Brief scope of work	<p>Major Inspection / Overhaul of Gas Turbine and Associated Equipment i.e. Gas Turbine including compressor and combustion elements, Equipment of GT Lube Oil and Control Oil Systems, Equipment of Fuel Systems (Gas & Liquid), Ventilation / Enclosure fans, Bleed off Equipment and valves, Accessory/load Gear Boxes wherever applicable.</p> <ul style="list-style-type: none"> • Dismantling and assembly of Gas Turbine enclosure (Acoustic package) as per requirement. • Removal and reapplication of Insulation wherever required. • Decouple and Coupling of Generator including alignment correction as required. • Dismantling, inspection and assembly of associated piping and components as required. • Dismantling, Inspection and assembly of combustion components. • Necessary Weld repair as required. • Dismantling, Inspection and assembly of casings as per requirement. • Dismantling, Inspection and assembly of rotor. • Dismantling, Inspection and assembly Gas Turbine Bearings. • NDT of components as per requirement. • Replacement of components including blades and vanes as per requirement. • Dismantling, Inspection / Overhauling and assembly of associated equipment including Lube oil pumps, Control Oil Pumps, Fuel Valves, Bleed valves, GT Enclosure/Ventilation fans, Cooling air fans, Filters in Oil/Air/Fuel circuits etc. <p>Tools, Tackles and Fixtures: The service provider should have required tools/tackles, fixtures for carrying out jobs as above and for meeting the requirement of complete machine and auxiliaries at a time. Service provider is required to submit the list.</p> <p>All spares/components, special tools required for the job and consumables going into the turbine shall be in the scope of NTPC.</p> <p>Note : This brief scope of work is indicative only. Detailed Scope of work and Terms and conditions shall be published along with the enquiries.</p>

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5	<p>Technical Qualifying requirements for CEG, TMD – 17</p> <p>(Inspection / Overhauling of Gas Turbines requiring rotor discs dismantling and assembly for NTPC Gas Stations).</p>	<p>1.1 The bidder should be Original Equipment Manufacturer of Gas Turbine of capacity 60 MW (ISO rating) or above of GE/ BHEL/ Alstom/ ABB/ MHI/ Siemens make for gas power plants.</p> <p style="text-align: center;">OR</p> <p>1.2 The bidder should be subsidiary / Licensee / Authorized channel partner / authorized agent of the OEM as mentioned at 1.1 above for, Major inspection / Major Overhauling, on the last date of submission of application for enlistment.</p> <p style="text-align: center;">OR</p> <p>1.3 The bidder should have successfully executed Major Inspection / Major overhauling of Gas Turbine of capacity of 60 MW or above during last 5 years as on the last date of submission of application for enlistment.</p> <p>Note:</p> <p>1) Major Inspection / Major Overhauling of gas turbine shall mean complete dismantling and assembly of gas turbine including removal of casings, rotor & bearings complete dismantling & assembly of compressor and turbine rotors including rotor discs and replacement of blades/vanes.</p> <p>2) R&M job, involving all the activities as 1) above shall also be considered as Major Inspection.</p> <p>3) Manpower contract for execution of jobs shall not be considered for any of the above.</p>
	<p>Document to be submitted by Applicant in support of meeting QR</p>	<p>1) Relevant PO copy and Client’s Completion Certificate/RA bill/Final Deviation Statement.</p> <p>2) Certificate as applicable for establishing fulfillment of QR criteria at 1.1 / 1.2 above.</p>

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6	<p>Additional Documents to be submitted</p> <p>In addition to the documents required in support of meeting technical requirements as stated above, following documents are 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	<p>Notes:</p> <p>Guidelines for finding the executed value of the POs submitted by the applicants for both groups. (Three highest executed values shall be considered)</p> <p>(a) Executed value means “The combined executed value from all BOQs of the similar work or the lump- sum amount (if there is no BOQ) of the similar work executed by the applicant.”</p> <p>(b) Similar work means “The work of inspection / overhauling of Gas Turbine executed within last five years as on last date of application for enlistment.</p> <p>(c) In case of single /composite POs involving Inspection / Overhauling of Combined cycle power plant, the executed value for boiler, its auxiliaries and balance of plant shall not be considered.</p> <p>(d) Executed values of similar work involving works of Gas Turbine auxiliaries covered within the PO and R&M of Gas Turbine, if any, shall be considered.</p> <p>(e) 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.</p> <p>(f) Value means basic value of the PO. Where PO value is composite (i.e. including Service taxes etc.), the applicant has to give breakup of composite PO value mentioning basic value, taxes etc. Any separate reimbursement/ escalation shall not be considered.</p>