

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

1	CEG No.	BMD-01
2	Brief description of CEG	Maintenance / Overhauling Contract of Boiler Pressure Parts and associated works for units of 200 MW & above.
3	Responsibility Centre	WRHQ-II
4	Brief scope of work	<p><u>Boiler Pressure Parts-Maintenance</u></p> <ol style="list-style-type: none"> 1. Boiler tube leakage attending as per IBR regulations including all accessories & related works like sky climber and scaffolding installation, coil removal, cutting of tube by grinder, capping of tube etc. in boiler 1st & 2nd pass, and restoration as per original. 2. Weld joint stress relieving, radiography etc. 3. Boiler tube shielding, fin welding, refractory application, insulation work. 4. Overhauling/servicing/repair/ replacement/ Preventive maintenance of manual/ motorized/ pneumatic globe/ gate/ control valves including all types of safety valves. 5. Maintenance / replacement of hangers and supports. 6. Preventive maintenance/ overhauling/ break-down maintenance of Water wall soot blowers/ LRSB/ HRSB etc. 7. Preventive maintenance/ servicing/ break-down maintenance of Fuel firing system including oil guns, filters, SADC, burner tilt etc. 8. Overhauling/servicing/load testing of Hoists/lifting tools/sky climber. 9. Fabrication and painting of structures /platforms / approaches as per requirement. 10. Servicing and maintenance of small pumps/ blowers and accessories of Boiler area including Fuel oil system. 11. Any type of fabrication and LP welding related to the work package. 12. Contractor has to take proper safety precaution. 13. All necessary tools and tackles, ensuring work quality, required for the above work, are to be arranged by the contractor. 14. Deployment of experienced supervisor to ensure quality of work. 15. Other details of works shall be given in tender document. <p><u>Boiler Pressure Parts Overhauling:</u></p> <ol style="list-style-type: none"> 16. Erection/dismantling of Quick erect scaffolding (MS/Aluminum) in Boiler 1st Pass and intermediate pass including all related works. 17. Erection/dismantling/shifting of conventional scaffolding in 1st pass, 2nd pass, dead chambers etc. inside boiler and outside boiler. 18. Boiler 1st Pass, 2nd Pass and other working areas illumination

		<p>with suitable light fittings.</p> <p>19. All preparatory and support services for boiler tube NDT works like thickness, hardness, Oxide-layer, DPT etc.</p> <p>20. Boiler tubes and bends replacement/weld joints in any area of the boiler having tube material like CS, T11,T22,T23, T91, T92, SS etc by engaging expert Pressure Parts repair group including IBR welders, cutting of tube by grinder, capping of tube and restoration as per original.</p> <p>21. ECO/LTSH/DIV/LTRH/PLATEN/ FSH etc. coil removal/installation, alignment, restoration of tube clamps/connectors etc. as per original.</p> <p>22. Radiography of weld joints and rectification of defective joints.</p> <p>23. Removal and application of castable, pourable & plastic refractory.</p> <p>24. Any type of fabrication and LP welding works.</p> <p>25. Fabrication of tube bends, clamps, lugs, binders, fins, screen, bars etc.</p> <p>26. Stress relieving of high pressure pipes and tubes of T11, T22, T23, T91, T92 material etc.</p> <p>27. Installation of protection shields, cassette baffles, wire mesh, baffle plates, fin bars etc at different location of boiler Pressure Parts.</p> <p>28. Contractor has to take proper safety precaution.</p> <p>29. All necessary tools and tackles, ensuring work quality, required for the above work, are to be arranged by the contractor.</p> <p>30. Deployment of experienced supervisor to ensure quality of work.</p> <p>31. Details shall be given in tender document</p>
5	Technical Qualifying requirements	<p>(1)The applicant should have executed the work of overhauling/ maintenance/Erection of boiler pressure parts and associated works in a Thermal Power Plant of unit capacity 200 MW or more during the last five years from the date of application.</p> <p>(2)The applicant “Should be an approved IBR Boiler Repairer/Erector “(as applicable) with the approval of any State Inspecting authority of Boilers at the time of submission of application documents. In case of an award is made in favor of the applicant, the applicant shall necessarily obtain an endorsement by State Inspecting Authority of Boilers, from the respective state as applicable to NTPC before start of work.</p>
	Document to be submitted by Applicant in support of meeting QR	<p>1) Relevant PO copy and Client’s Completion Certificate/RA bill/Final Deviation Statement.</p> <p>2) Valid IBR approval letter/certificate with endorsement from any state statutory Authority.</p>

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6	Additional Documents to be submitted	<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	Notes:	<ol style="list-style-type: none"> 1. Similar work means, execution of overhauling / maintenance / Erection of boiler pressure parts including associated works in a thermal power plant of unit capacity 200 MW or more during the last five years from the date of application. 2. 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. Any separate re-imburement/ escalation shall also not be considered.