

NTPC Ltd USSC, VDC-Raipur Vendor Enlistment for O&M works package on Pan NTPC basis		
	CEG No.	BMD-28
1	Brief description of CEG	“ESP Overhauling & its associated Auxiliaries”
2	Responsibility Centre	VDC, USSC-Raipur
3	Brief scope of work	<p><u>A. Maintenance/ Overhauling of ESP</u></p> <ol style="list-style-type: none"> 1. Installation of required scaffolding, platforms and approaches including safety arrangement for execution of the insulation work at height. 2. Water Washing of ESP Internals 3. Inspection & Rectification of Field: <ol style="list-style-type: none"> i. Checking of Suspension frame, I-Beam and Transverse Roof Beam. ii. Checking of Bearings, Shafts, Pin Wheels, Inner, Outer Arms of Rapping Systems. iii. Checking of Straightness of Collecting Electrodes, Missing U – Guides and Hook. Straightness of bent portion in Collecting Plates by heating and fixing of additional U – Guides. iv. Checking of looseness of Emitting Electrodes. Replacement of Snapped / Loose Emitting Electrodes. v. Damaged Manholes are to be repaired & loose packing rope to be replaced (Including Painting of all the Manholes.) vi. Checking of Shock Bar Guides, Shock Bars, and Shock Pads & Shock Bar Angle. If Shock Bars are jammed in Shock Bar Angle, the same is to be made free by cutting the angle groove. vii. Damaged Shock Pads are to be build up as original by welding /grinding or to be replaced with new. 4. Replacement of All Damaged Sleeve Bearing 5. Replacement of Inner / Outer Arm Assembly 6. Replacement & Alignment of Bent / Worn Out Shaft 7. Replacement of Support / Shaft Insulator 8. Overhauling of Gear Boxes 9. Repair of Hopper Wall 10. Repairing of GD Screen/ G. D. Test <p>B. Shifting of material, erection of approach platform(s), removal of insulation & other related jobs as per site requirement</p> <p>C. Preventive maintenance / break down maintenance of ESP and its associated auxiliaries.</p> <p>D. Fixing of old/New GI/ AI cladding sheet in Duct/Piping/ Auxiliary equipment's of ESP area & proper disposal of scrap materials.</p> <p>E. Other details of works as per specific site requirement shall be given in Tender documents.</p>
4	Technical Qualifying Requirements	The applicant should have executed Erection/ Overhauling /Mechanical Maintenance job of ESP in Unit size of 200 MW or above in a Thermal Power Plant during the last five years from the date of application.
	Document to be submitted by Vendor in support of meeting QR	Relevant PO copy and Client's Completion Certificate/RA bill/Final Deviation Statement.

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5	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 from the concerned client in support of successful execution of supply 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 / MSME 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. List of all required Tools & Plants with populations available with the applicant.
6	Notes	<p><u>Similar work means:</u> "Erection/ Overhauling / Mechanical Maintenance job of ESP and/or its auxiliaries in Unit size of 200 MW or above in a Thermal Power Plant during the last five years from the date of application."</p> <p>Note: In case of any composite PO which includes mechanical maintenance/erection of ESP in addition to other mechanical maintenance /erection jobs in thermal power plant of unit size 200MW or above, the overall executed value of the PO shall be considered as executed value for calculation of EC.</p>