



भारत हेवी इलेक्ट्रिकल्स लिमिटेड

Bharat Heavy Electricals Limited

(A Govt. of India Undertaking)

Power Sector, Western Region,
345, Kingsway, Nagpur - 440 001

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Applications in prescribed format are invited for empanelment of parties for various Overhauling, Servicing, Repair, Renovation & Modernization (R&M), Residual Life Assessment (RLA), Vibration Analysis, Electrical Testing jobs etc as per enclosed list from agencies meeting respective Qualifying Requirements (QR) as per following schedule:

Description	From Date	To Date
Issue of application forms	18.05.2007	08.06.2007*
Last Date for Submission of completed applications	11.06.2007* up to 1800 hrs	
Date of opening	At 1000 hrs of 12.06.2007*	

***Please obtain latest update with regard to these dates in our web page www.bhel.com → Tender Notifications → View Corrigendum.**

- Blank Application Form titled '**Format for enlisting of vendor / sub-contractor (for servicing)**' bearing Format No. **SER-F27** is enclosed herewith in this web page (www.bhel.com). Agencies can directly download the same and use for submission. Application fee (Non-refundable) shall be paid to BHEL along with or before submission of completed application.
- Application fee: Rs. 2,000/- by DD (in favour of BHEL payable at Nagpur) or by Cash at BHEL Nagpur office.
- Completed application forms with necessary supporting documents shall be addressed and submitted to "Regional Service Manager, BHEL, PSWR, Shreemohini Complex, 345-Kingsway, Nagpur-440001" in sealed envelope.
- All corrigenda, addenda, amendments and clarifications to this Notice will be hosted in the web page (www.bhel.com ® **Tender Notifications** ® **View Corrigendums**) and not in the newspaper. Applicants shall keep themselves updated with all such developments.
- Parties/Applicants whose performance in similar jobs of BHEL is found to be unsatisfactory in the preceding three/five years (as applicable in case of Qualifying Requirements) shall not be considered for empanelment.
- Supporting Documents for QR:**
 - Bidders shall submit documents in support of possessing "Qualifying Requirements" as under duly self-certified and stamped by the authorized signatory.
 - List of jobs with details as per enclosed format (Page 3 of 4 of SER-F27).
 - Photocopies of Work Orders issued by the Customer containing details of Bill of Quantities/Schedule of Rates.
 - Copy of Completion Certificate issued by Non-BHEL clients/plant owners.
 - Names and Contact details (tel nos, postal address, e-mail address etc) of Non-BHEL clients/plant owners.
 - Photocopies of audited Profit and Loss accounts accompanied by relevant schedules for turnover figures.
 - Copy of PAN Card and Income Tax (IT) return acknowledged by IT Office.

Sr. Manager (Services)

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Description of Packages and Qualifying Requirements

S N	Package Code	Package Description	Qualifying Requirements	
			A) Technical	B) Financial
1	STG1	Overhauling/ Servicing/Repairs/ Assistance for re- commissioning of Turbine and Generator sets below 100 MW rating thermal power units .	In last 3 years immediately preceding 30.04.2007, must have executed similar work of cumulative 600 MW or higher generating capacity; the cumulative figure of 600 MW shall be achieved with not less than 6 sets and not more than 15 sets, out of which at least 2 sets should have been executed in last one year.	<ol style="list-style-type: none"> 1) Applicant must have achieved an average annual financial turnover of Rs. 50 lakh or more over the last three Financial Years (FY) ending on 31.03.2007, else 31.03.2006 in case annual accounts of FY 2006-2007 has not been audited. 2) Net worth of the applicant as per latest audited annual accounts must be at least 50% of the paid up capital in case of companies. 3) Applicant must have achieved cash profit in any of the three financial years as in '1' above.
2	STG2	Overhauling/ Servicing/ Repairs/ Assistance for Re- commissioning of Turbine and Generator sets of =100 to 210 MW non-KWU thermal power units/ up to 235 MW rating nuclear power units.	In last 3 years immediately preceding 30.04.2007, must have executed similar work of cumulative 1200 MW or higher generating capacity of Non-KWU design sets; the cumulative figure of 1200 MW shall be achieved with not less than 6 and not more than 12 such sets, out of which at least 1 set should be executed in last one year.	<ol style="list-style-type: none"> 1) Applicant must have achieved an average annual financial turnover of Rs. 100 lakh or more over the last three Financial Years (FY) ending on 31.03.2007, else 31.03.2006 in case annual accounts of FY 2006-2007 has not been audited. 2) Net worth of the applicant as per latest audited annual accounts must be at least 50% of the paid up capital in case of companies. 3) Applicant must have achieved cash profit in any of the three financial years as in '1' above.

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S N	Package Code	Package Description	Qualifying Requirements	
			A) Technical	B) Financial
3	STG3	Overhauling/ Servicing/ Repairs/ Assistance for Re- commissioning of Turbine and Generator sets of >210 to 500 MW KWU thermal power units and > 235 MW to 540 MW Nuclear power units.	In last 3 years immediately preceding 30.04.2007, must have executed similar work of cumulative 1500 MW generating capacity of KWU design sets; the cumulative figure of 1500 MW shall be achieved with in not less than 3 such sets, out of which at least one set should have been executed in last one year.	<ol style="list-style-type: none"> 1) Applicant must have achieved an average annual financial turnover of Rs. 150 lakh or more over the last three Financial Years (FY) ending on 31.03.2007, else 31.03.2006 in case annual accounts of FY 2006-2007 has not been audited. 2) Net worth of the applicant as per latest audited annual accounts must be at least 50% of the paid up capital in case of companies. 3) Applicant must have achieved cash profit in any of the three financial years as in '1' above.
4	STG4	RLA studies and R&M of Turbine and Generator sets up to 235 MW (thermal and nuclear) units excluding 210 MW KWU design units.	Same as in case of STG2 above.	<ol style="list-style-type: none"> 1) Applicant must have achieved an average annual financial turnover of Rs. 60 lakh or more over the last three Financial Years (FY) ending on 31.03.2007, else 31.03.2006 in case annual accounts of FY 2006-2007 has not been audited. 2) Net worth of the applicant as per latest audited annual accounts must be at least 50% of the paid up capital in case of companies. 3) Applicant must have achieved cash profit in any of the three financial years as in '1' above.

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			A) Technical	B) Financial
5	STG 5	RLA studies and R&M of Turbine and Generator sets of 210 MW (KWU), 250 to 540 MW rating thermal and nuclear power units.	Same as in case of STG3 above.	<ol style="list-style-type: none"> 1) Applicant must have achieved an average annual financial turnover of Rs. 100 lakh or more over the last three Financial Years (FY) ending on 31.03.2007, else 31.03.2006 in case annual accounts of FY 2006-2007 has not been audited. 2) Net worth of the applicant as per latest audited annual accounts must be at least 50% of the paid up capital in case of companies. 3) Applicant must have achieved cash profit in any of the three financial years as in '1' above.
6	BLR 1	Overhauling/ servicing/ repairs including RLA studies, R&M of Boiler rotating equipments such as Mills, Fans, APH and Non-Pressure Parts and ESP.	Must have executed work of minimum eight coal mills and/or fans (in any combination) AND at least two Air Pre-heaters in last three years immediately preceding 30.04.2007, out of which at least one equipment should have been executed in last one year.	<ol style="list-style-type: none"> 1) Applicant must have achieved an average annual financial turnover of Rs. 60 lakh or more over the last three Financial Years (FY) ending on 31.03.2007, else 31.03.2006 in case annual accounts of FY 2006-2007 has not been audited. 2) Net worth of the applicant as per latest audited annual accounts must be at least 50% of the paid up capital in case of companies. 3) Applicant must have achieved cash profit in any of the three financial years as in '1' above.

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			A) Technical	B) Financial
7	BLR 2	Servicing/ repairs/ replacement of Pressure parts and HP/LP piping. Including RLA studies and R&M works.	Must have executed the work of replacement of Economizer/Super Heater / Re-Heater Coils in volving at least thirty Coil Assemblies in last 3 years immediately preceding 30.04.2007 out of which at least ten Coil Assemblies should have been executed in last 1 year.	<ol style="list-style-type: none"> 1) Applicant must have achieved an average annual financial turnover of Rs. 100 lakh or more over the last three Financial Years (FY) ending on 31.03.2007, else 31.03.2006 in case annual accounts of FY 2006-2007 has not been audited. 2) Net worth of the applicant as per latest audited annual accounts must be at least 50% of the paid up capital in case of companies. 3) Applicant must have achieved cash profit in any of the three financial years as in '1' above.
8	HTG1	Overhauling/ servicing/ repairs including RLA studies /R&M of hydro turbines and Generators.	<p>Must have executed similar work of at least three sets of 5 MW or higher rating in the last three years immediately preceding 30.04.2007 out of which at least one set should have been executed in last one year.</p> <p>OR</p> <p>Must have executed Erection, Testing and Assistance for Commissioning work of at least two sets of 5 MW or higher rating in the last five years immediately preceding 30.04.2007.</p>	<ol style="list-style-type: none"> 1) Applicant must have achieved an average annual financial turnover of Rs. 50 lakh or more over the last three Financial Years (FY) ending on 31.03.2007, else 31.03.2006 in case annual accounts of FY 2006-2007 has not been audited. 2) Net worth of the applicant as per latest audited annual accounts must be at least 50% of the paid up capital in case of companies. 3) Applicant must have achieved cash profit in any of the three financial years as in '1' above.

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			A) Technical	B) Financial
9	GTG1	Overhauling/servicing/ repairs / maintenance including RLA studies/ R&M of Gas Turbines and Generators, Compressors, Blowers etc.	Must have carried out similar work for at least three Gas Turbines in last 3 years immediately preceding 30.04.2007, out of which at least one Gas Turbine should have been executed in last one year.	<ol style="list-style-type: none"> 1) Applicant must have achieved an average annual financial turnover of Rs. 50 lakh or more over the last three Financial Years (FY) ending on 31.03.2007, else 31.03.2006 in case annual accounts of FY 2006-2007 has not been audited. 2) Net worth of the applicant as per latest audited annual accounts must be at least 50% of the paid up capital in case of companies. 3) Applicant must have achieved cash profit in any of the three financial years as in '1' above.
10	TS1	Natural Frequency Test (NFT) of turbine and generator components, Vibration Measurement and Analysis	Must possess experience of carrying similar work in at least six sets of Steam and/or Gas Turbine sets in last 3 years immediately preceding 30.04.2007, out of which at least 2 sets should have been executed in last one year.	<ol style="list-style-type: none"> 1) Applicant must have achieved an average annual financial turnover of Rs. 10 lakh or more over the last three Financial Years (FY) ending on 31.03.2007, else 31.03.2006 in case annual accounts of FY 2006-2007 has not been audited. 2) Net worth of the applicant as per latest audited annual accounts must be at least 50% of the paid up capital in case of companies. 3) Applicant must have achieved cash profit in any of the three financial years as in '1' above.

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			A) Technical	B) Financial
11	TS2	Electrical Tests on Generator, Motor etc. such as ELCID test, RSO, Tan-Delta, HV Test	Must possess experience of conducting such tests in at least 10 sets in last 3 years immediately preceding 30.04.2007, out of which at least 2 sets should have been executed in last one year.	<ol style="list-style-type: none"> 1) Applicant must have achieved an average annual financial turnover of Rs. 10 lakh or more over the last three Financial Years (FY) ending on 31.03.2007, else 31.03.2006 in case annual accounts of FY 2006-2007 has not been audited. 2) Net worth of the applicant as per latest audited annual accounts must be at least 50% of the paid up capital in case of companies. 3) Applicant must have achieved cash profit in any of the three financial years as in '1' above.
12	SS1	Thermal Insulation of Turbine Casing, Piping and Boiler parts, Valves etc.	Must possess experience of application of thermal insulation by spraying method in at least ten turbine cylinders below 100 MW, OR at least 5 turbine cylinders of 100 MW or higher rating, OR at least 3 turbine cylinders of above 250 MW or higher rating in last 3 years immediately preceding 30.04.2007, out of which at least one turbine cylinder work must have been carried out in last one year.	<ol style="list-style-type: none"> 1) Applicant must have achieved an average annual financial turnover of Rs. 25 lakh or more over the last three Financial Years (FY) ending on 31.03.2007, else 31.03.2006 in case annual accounts of FY 2006-2007 has not been audited. 2) Net worth of the applicant as per latest audited annual accounts must be at least 50% of the paid up capital in case of companies. 3) Applicant must have achieved cash profit in any of the three financial years as in '1' above.

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			A) Technical	B) Financial
13	SS2	Induction Heating for Turbine Casing Fasteners	Must have experience of carrying out similar work using their own induction heating equipments in at least 10 turbine cylinders below 100 MW capacity, <u>OR</u> at least 5 turbine cylinders of 100 MW or higher rating, <u>OR</u> at least 3 turbine cylinders of 250 MW or higher rating, in last 3 years immediately preceding 30.04.2007, out of which at least one turbine cylinder work must have been carried out in last one year.	<ol style="list-style-type: none"> 1) Applicant must have achieved an average annual financial turnover of Rs. 25 lakh or more over the last three Financial Years (FY) ending on 31.03.2007, else 31.03.2006 in case annual accounts of FY 2006-2007 has not been audited. 2) Net worth of the applicant as per latest audited annual accounts must be at least 50% of the paid up capital in case of companies. 3) Applicant must have achieved cash profit in any of the three financial years as in '1' above.
14	SS3	Rewinding of HT and LT motors	Must have experience of rewinding of at least 20 HT (6.6 KV or higher rating) motors in last 3 years immediately preceding 30.04.2007, out of which work of at least three motors should have been done in last one year.	<ol style="list-style-type: none"> 1) Applicant must have achieved an average annual financial turnover of Rs. 15 lakh or more over the last three Financial Years (FY) ending on 31.03.2007, else 31.03.2006 in case annual accounts of FY 2006-2007 has not been audited. 2) Net worth of the applicant as per latest audited annual accounts must be at least 50% of the paid up capital in case of companies. 3) Applicant must have achieved cash profit in any of the three financial years as in '1' above.

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			A) Technical	B) Financial
15	SS4	Erection and Assistance in commissioning/ Servicing of Controls & Instrumentation Equipments and system in TG and Boiler area.	Must have executed Erection, Testing and Assistance for Commissioning work in Turbine-Generator or Boiler or Station C&I package involving 'Pro-Controls' or 'Max DNA' system in at least two units of 200 to 250 MW or at least one unit of 500 MW or higher capacity power plant in the last five years immediately preceding 30.04.2007.	<ol style="list-style-type: none"> 1) Applicant must have achieved an average annual financial turnover of Rs. 50 lakh or more over the last three Financial Years (FY) ending on 31.03.2007, else 31.03.2006 in case annual accounts of FY 2006-2007 has not been audited. 2) Net worth of the applicant as per latest audited annual accounts must be at least 50% of the paid up capital in case of companies. 3) Applicant must have achieved cash profit in any of the three financial years as in '1' above.
16	SS5	Slow speed balancing of turbine rotors	Must have experience of slow speed balancing of at least 10 turbine rotors using their own equipment in past 3 years immediately preceding 30.04.2006, out of which at least 2 should have been executed in last one year.	<ol style="list-style-type: none"> 1) Applicant must have achieved an average annual financial turnover of Rs. 30 lakh or more over the last three Financial Years (FY) ending on 31.03.2007, else 31.03.2006 in case annual accounts of FY 2006-2007 has not been audited. 2) Net worth of the applicant as per latest audited annual accounts must be at least 50% of the paid up capital in case of companies. 3) Applicant must have achieved cash profit in any of the three financial years as in '1' above.