

TENDER SPECIFICATION

**BHEL: PSSR: NCTPS Stage III: BLR:SCT95
FOR**

**Engaging agency to attend systems and equipment for smooth functioning of
unit operation up to Boiler PG test at North Chennai 1x800MW TPS,
ATHIPATTU, CHENNAI-120**

PRICE BID



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PART A

Instruction to Bidders:

1. The Work Description in Price bid (Part C) is broad only. Payment will be as per the total work completion as certified by BHEL Engineer.
2. Price Bid is to be quoted by the bidder and the successful bidder against this quote will be awarded the contract.
3. Bidders shall quote 'Total Amount' in the "Price Bid Form" for both works.
4. The above mentioned 'Total amount' is for the entire Work Description given in Part –C of the Price Bid.
5. Any other entry elsewhere in the price bid shall be treated as Null and Void.
6. Bidders to note that this is a lump sum rate contract. Payment shall be made for the actual quantities of work executed as per the total work completion as certified by BHEL Engineer.

Part B: Format to Quote Total Amount

Tender Specification BHEL: PSSR: NCTPS Stage III: BLR:SCT95 for Engaging agency to attend systems and equipment for smooth functioning of unit operation up to Boiler PG test at North Chennai 1x800MW TPS, ATHIPATTU, CHENNAI-120

Lump sum amount for Engaging agency to attend systems and equipment for smooth functioning of unit operation up to Boiler PG test at North Chennai 1x800MW TPS, ATHIPATTU, CHENNAI-120
(Total Amount for 03 months)

Quoted

Not Quoted

Quoted Amount in Words :

Date :

Signature of Bidder:

PART - C

Assistance for Boiler PG Test

A.1 SCOPE OF WORK:

The work to be carried out under the scope of these specifications is broadly as under: **Assistance** including necessary T&P and Consumables for upkeeping of equipment and safety of boiler system comprising of Boiler & auxiliaries, Aux Boiler, Air Pre Heaters, Ducts & Dampers, Boiler Integral Piping, Fans, Rotation Equipment's, its auxiliaries.

A.2 MANPOWER :

The various categories of workers required are as follows:

1. Pipe fitters
2. Millwright Fitters
3. HP/IBR & structural welders
4. Riggers, Gas Cutters, Grinders
5. Unskilled workers
6. Supervisors
7. Electricians/Lift operators

Any other category of workers as may be required.

The above manpower shall be deployed for 02 shifts (General and Night) or on call basis depending upon the requirement based on the site activity. However the following minimum manpower shall be deployed to cater the required equipment monitoring. Shift timing shall be decided by BHEL now and then based on the actual requirements. This manpower will be directly controlled by BHEL commissioning engineers.

1. One Commissioning Engineer in charge.
2. One fitter/Equivalent (or welder/grinder as per requirement) per shift.
3. One supervisor per shift
4. One Rigger per shift.
5. Three helpers per shift.

Total 06 workmen each shift. 02 shift operation. Total 12 workmen to be deployed per day.

In case of non deployment BHEL shall deploy the required category manpower to meet the site commissioning requirements and cost incurred shall be at risk and cost of the contractor.

A.3 :T&Ps

1. Welding machines – As required
2. Grinding machine - As required
3. Gas cutting sets - As required
4. Consumables like WD40, molykote, rustolene, diesel, welding electrodes, gas/o2 cylinders, cutting wheels as required.

5. All Tools and tackles, scaffolding pipes, spanners as required for upkeeping of equipment and safety of boiler system.

ANNEXURE - D

B. 1 TERMS OF PAYMENT

Awarded value shall be calculated for per month. The Lumpsum value shall be paid in the following terms

SL NO	Description	% of Payment	Remarks
B.1.1	Providing Required manpower alongwith T&P for upkeeping of Equipment and safety of boiler system and associated auxiliaries	85%	In case of non deployment (penalty of 2% per shift shall be applicable)
B.1.2	Submission of Log sheets, T&P deployment and Activity logs – duly signed by BHEL Commissioning Engineer	15%	As per the formats furnished by BHEL commissioning Engineer

Payment shall be released on certification by BHEL Engineers and Log sheets submission.

In case of non-requirement any time contract can be short closed, with 10 days' notice period.

B.2 Penalty Clause

B.2.1 In case of non-deployment of required manpower/T&P and due to which any activity has got affected/ delayed beyond 8 hours, 2% of the payment percentage will be deducted as penalty.

B.2.2 Further in order to complete the activity in case BHEL has deployed the required category manpower, the cost in addition to the penalty shall be recovered with applicable over heads.

B.3 Retention Amount

B.3.1 5% of the RAB shall be withheld as Retention Amount and shall be released at the end of contract period certified by BHEL Engineer.