	Bharat Heavy Electricals Limited (A Government of India Undertaking) Boiler Auxiliaries Plant Indira Gandhi Industrial Complex Ranipet – 632 406, INDIA	Phone : 04172- 284259 Fax No. : 04172- 242 011
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BHARAT HEAVY ELECTRICALS LIMITED
(A GOVERNMENT OF INDIA UNDERTAKING)
BOILER AUXILIARIES PLANT, RANIPET – 632 406
LOCAL SITE FABRICATION DEPARTMENT

TENDER NOTICE : BAP:LSF:SHOT: 11 DT: 27.04.2015

Sealed Tenders (Two part-Bid) are invited from experienced contractors for the following works:-

NAME OF THE WORK	Earnest Money Deposit	Period of contract
Surface preparation including Grinding, Shot blasting, Painting & Lettering of components of ESP, APH, Fan and Gates and Damper and Running meter materials inside BHEL/BAP/Ranipet premises	--NIL--	ONE YEAR

Tender documents can be freely downloaded from the following websites

(1) www.bhel.com (2) www.tenders.gov.in (3) www.eprocure.gov.in

All Corrigenda, addenda, amendments, time extensions, clarifications, etc to the tender will be hosted on BHEL Web site www.bhel.com only (apart from unit website – If any). Bidders should regularly visit website(s) to keep themselves updated.

BHEL will not be responsible for any loss / delay of documents sent by post.


BHEL reserves the right to accept/reject any/all the tenders without assigning any reason.

Tenders duly filled in will be received upto **14:30** Hours on **18.05.2015** at the office of the Sr.Manager/Local Site Fabrication (SM/LSF) and will be opened at **15:00** Hours on **18.05.2015** in the presence of the tenderers or their authorized representative.

Please visit our BHEL Web Site for tender updates
www.bhel.com/tender/list_tender.php

Address for Communication, Clarification and SUBMISSION/POSTING of Bid Documents:

The Senior Manager
Local Site Fabrication Department
BAP, BHEL, RANIPET-632406
Phone: 04172 – 284259, Mob: +919443446279
Email: elangovan@bhelrpt.co.in

 RANIPET	Bharat Heavy Electricals Limited (A Government of India Undertaking) Boiler Auxiliaries Plant Indira Gandhi Industrial Complex Ranipet – 632 406, INDIA	Phone : 04172- 284259 Fax No. : 04172- 242 011
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Dear Sirs,

Sub : Quotation for Surface preparation including Grinding, Shot blasting, painting & lettering of components of ESP, APH, Fan and Gates and Damper and running meter materials inside BHEL/BAP/Ranipet premises – reg.

We are pleased to invite your most competitive offer for the works mentioned below. Approximate quantity for a period of **12 months** are mentioned in the rate schedule.

For detailed scope of works refer Annexure-I (A)

1. Brief Scope of work: Providing labors & supervising staff

- I) For Shot blasting
- II) For surface preparation by manual cleaning, tack welding, grinding, painting etc. for BHEL Products.
- III) For surface preparation by manual cleaning, painting of running meter materials.

2. BHEL scope

- I) **The following items and facilities shall be provided by BHEL for Shot Blasting works at free of cost at the places allocated by BHEL.**
 - a. Shot blasting facility with hoses, shots, trolley, compressed air supply , spray nozzles etc.
 - b. Material handling facilities.
 - c. Transportation facilities for shop manufactured components to & from shot blasting booth i.e. before and after shot blasting.
- II) **Following items and facilities shall be provided by BHEL free of cost , for manual cleaning, tack welding, grinding & painting works**
 - a. Welding machines, Electrodes, Holders and shields
 - b. Material handling items for handling the jobs during the surface preparation and painting works.
 - c. Compressed air supply.
 - d. Hand tools like angle grinder, chipping hammers, air hoses, paint hoses, hose clips.
 - e. Consumables like wire brushes, grinding wheels, painting brushes, and lettering brushes & sponges will be supplied by BHEL at a place specified by BHEL.
 - f. All types of paint, thinner, paint holding tanks, hoses, spray nozzles, and spray painting guns.
- III) **Following items and facilities shall be provided by BHEL free of cost, for surface preparation by manual cleaning , Painting of running meter materials works.**
 - a. Material handling items for loading, unloading and transporting the materials from stores.
 - b. Compressed air supply.
 - c. Hand tools like angle grinder, chipping hammers, air hoses, paint hoses, hose clips.
 - d. Consumables like wire brushes, grinding wheels, painting brushes, lettering brushes & sponges will be supplied by BHEL at a place specified by BHEL.
 - e. All types of paint, thinner, paint holding tanks, hoses, spray nozzles, and spray painting guns.

3. PROCEDURE FOR SUBMISSION OF SEALED TENDER:

- a. **Sealed Cover- PART-I (Technical Bid)**: Page No. 1 to 19 of this tender document will form the 'Part-I (Technical Bid)'. After taking prints, affix signatures in all the pages. In the 'Unpriced-Price Bid' pages i.e. page no.18 & 19 (Annexure-V) , indicate whether **Quoted/Not-Quoted** against each of the schedules and **only mention applicable service tax %age** in the relevant space provided. Documents supporting "Qualifying Requirements(QR)" are to be enclosed.
 - b. **Sealed Cover- PART-II (Price Bid)** : Page No. 20 to 21 (Annexure-VI) of this tender document will form the 'PART-II (Price Bid)'. Quote your rates and amounts in the relevant columns.
 - c. **Sealed Cover-PART-III (Both)** : Which consists of the above two covers and shall be submitted by post or dropped in the box provided in the LSF office.
 - d. All the "3" sealed covers are to be prominently superscripted with the following details.
 - i. COVER NO. WITH DESCRIPTIONS (TECHNICAL BID /PRICE BID / BOTH)
 - ii. TENDER SPECIFICATION NUMBER
 - iii. NAME OF WORK
 - iv. DUE DATE AND TIME FOR SUBMISSION and
 - v. NAME AND ADDRESS OF THE TENDERER
4. Tender in Sealed **covers** shall reach the office of the SM/LSF **on or before 14:30 hrs on 18.05.2015**. The tenders received beyond the due date & time of submission will not be considered at any cost. The incomplete Tender documents may lead to rejection.
5. The Part-I Technical Bid/Qualifying Bid will be opened at **15:00 hrs on 18.05.2015** and the Part-II price bid will be opened after scrutinizing the part-I with due intimation to the qualified vendors. The bidders or their authorized representatives may attend the tender opening. **BHEL reserves the right to decide the tender through Reverse Auction (RA)** instead of opening the sealed envelope price bid. For detailed Terms and Conditions of Reverse Auction please refer **Annexure- I (G)**.
6. This tender document consists a total of **21 pages** including the Annexures as listed below:
- Annexure - I (A) : Detailed Scope of the work
 - Annexure - I (B) : Instructions to the tenderer
 - Annexure - I (C) : Special Conditions
 - Annexure -I (D) : General Conditions
 - Annexure -I (E) : Safety Instructions
 - Annexure - I (F) : Conditions of contract for security deposit
 - Annexure - I (G) : Terms and conditions for reverse auction
 - Annexure- II : Qualification Requirements
 - Annexure- III : Acceptance for electronic fund transfer/RTGS Transfer
 - Annexure - IV : Checklist
 - Annexure- V : Unpriced- Price Bid
 - Annexure- VI : Price Bid

For and on behalf of BHEL
Senior Manager/Local Site Fabrication

Annexure-I(Pg. 1 of 11)**(A) DETAILED SCOPE OF WORK**

1. Fabricated & assembled components will be supplied from our shop floors, running meter materials will be supplied from stores and the contractor has to receive instructions from the Engineer In charge , for the type of process to be carried out.

2. Any combination of the following surface preparation is to be carried out as per requirements/instruction of BHEL.

i. Cleaning and Grinding of Weldments:

Cleaning of Weld-spatters and weld slag by wire brushing of welds, grinding of tack-welds and gas cut edges and merging of welds by grinding, weld touch up of gas cut pockets , weld undercuts .

ii. Flush grinding of butt welds:

Flush grinding of Butt welded portions of various thickness plates are to be done. The minimum thickness plate only shall be taken for calculation as per Schedule 'B'.

iii. Shot blasting:

a. Shot blasting to Sa2 & Sa2 ½ levels – The operation shall be carried out by qualified operators wearing the 'shot blasting suit'. The contractor is responsible for the safety of both the personnel employed by him and BHEL equipments. The operator shall not be permitted to do the shot blasting operation without wearing the 'shot blasting suit'.

b. After blast cleaning, the operator shall ensure that all the accumulated shots on the components, equipment and the surrounding areas are cleaned thoroughly.

iv. Spray painting with high build & non high build paints:

a. Before starting spray-painting process, the operator has to ensure the type of paint to be coated for primer and finish paint and also the Dry Film Thickness (DFT) required.

b. Based on the instructions the surface preparation is to be done. The surface preparation includes both special methods like cleaning of weldments, Flush grinding of butt welds and shot blasting or normal manual cleaning like Cleaning the mill scales, grease, rust, etc using pneumatic equipment (buffing), wire brush and thinner. The normal manual cleaning is considered as prerequisite for any painting.

c. The cleaned surface is to be shown to the Executing agency and clearance is to be obtained for painting.

d. Immediately after shot blasting, one coat of primer paint is to be applied.

e. After finishing the primer coat, the Executing agency clearance is to be obtained.

f. The primer paint applied surface is to be wiped off/cleaned before applying finish coat paint.

g. After giving finish coat, the DFT measurement to be done to ensure required thickness and report to be prepared by the contractor. Then Executing agency clearance is to be obtained.

h. Only the prescribed thinner is to be used for diluting the paint.

i. For ready mixed paints, no thinner is used unless otherwise specified.

j. Only the required quantity of paint is to be taken in a separate container and the paint drum is to be immediately recapped properly.

k. In case of two packs system, proper ratio of mixing as given by the supplier is to be followed and the same is to be consumed before the expiry of its pot life.

l. The contractor shall strictly avoid spillage / wastages of paints and thinners and also ensure good housekeeping.

Annexure-I(Pg. 2 of 11)

- m. The operator shall ensure the number of coats, shade, Dry Film Thickness (DFT) and inter coat curing time interval as specified.
- n. Appropriate safety appliances are to be supplied by the contractor for his operators and should be used during spray-painting process.
- o. The spray gun and brushes are to be cleaned before and immediately after painting.

v. Lettering:

Product identification with Work Order No. and D.U. details etc. as per Schedule 'E' shown are to be carried out with letter brush and paint with sponge. The lettering shall be done to components at Painting yard & shops, both inside the BHEL, BAP premises.

vi. Painting of running meter materials:

- a. Painting of running meter materials includes Spreading, Cleaning, painting and lettering.
- b. Receiving the running meter items like rolled sections (angles, channel, and beams) pipes, plates, manually spreading the same.
- c. Surface preparation for painting by Cleaning the mill scales, grease, rust, etc using pneumatic equipment, wire brush and thinner.
- d. The cleaned components are to be offered for Quality Control clearance Afterwards the procedure vide section (iv) Spray painting with high build & non high build paints to be followed.
- e. Lettering of Product identification with Work Order No. and D.U. details etc are to be carried out with lettering brush & paint

(B) INSTRUCTIONS TO TENDERERS

1. Tenderers are advised to go through the Scope of the work, Special conditions of the contract and the General conditions of the contract and understand fully before quoting. Any doubt in the documents should be clarified from Local Site Fabrication Department of BHEL, Ranipet before submitting their offer.
2. This original "Tender Documents" should be submitted to us duly signed and stamped in all the pages of the Tender Specification, General conditions and special conditions etc by the Tenderer including any deviations from tender conditions.
3. All entries in the tender documents should be in one ink. Tenderer shall duly sign all cancellations & insertions. The quoted rates shall be firm for the contract period of one year. In quoting the rates, the tenderers are advised to take in to account all factors including any fluctuations in the market rates etc. No claim will be entertained on this account after acceptance of the tender and during the currency of the contract.
4. Before submitting offer, the tenderers are advised to inspect the site of work and its environments and be well acquainted with actual working and other prevalent conditions, position of materials and labour. The rates quoted shall remain valid for a period of 90 days from the date of opening of the tender.
5. Rates for each item of works in the Rate Schedule should be quoted in Rupees & Paise only. The rates shall be for the finished work at site. Rates shall be both in figures and words. In case of any difference in the rates quoted in figures & words, the lower of the two rates will be taken as the tendered rate.

Annexure-I(Pg. 3 of 11)

6. The scheduled period of completion for this work will be ONE YEAR and the contractor will have to plan this work accordingly. Quantities shown in the attached schedules are indicative only and they are liable to vary depending upon the shop production. Any claim on account of variation of quantity will not be entertained. The period of contract may be extended on mutual agreement.
7. Rates quoted shall include all applicable terminal taxes leviable under the state and central government rules, except Service Tax (will be reimbursed by BHEL) . Bharat heavy Electricals Limited (BHEL) will not entertain any claim whatsoever in this respect. The quoted rates shall also include expenditures towards complying statutory payments like Provident fund, ESI payments, bonus etc for the labours & staff deployed in the work.
8. **Service Tax** : The Bidder shall not include Service Tax in their quoted rates; but the bidder has to separately indicate the Service Tax rate, in the Price bid format included in the Bid document which shall be considered for evaluation. The same shall be considered for reimbursement against valid documentary evidence to successful bidders.

If service tax amount is not indicated separately in the price bid schedule included in the Bid documents, it will be presumed that the quoted rate is inclusive of applicable service tax and bids will be evaluated accordingly.

The contractor will have to **submit the Service Tax Registration certificate to BHEL** and claim the Service Tax from BHEL by submitting the following documentary evidences:-

- (i) Copies of challans for deposit of service tax
- (ii) A certificate that, the tax collected from BHEL has been remitted to the tax authorities.

If for any reason, the contractor has to pay penalty or interest on service tax, the contractor has to bear such additional payment. BHEL will pay only the service tax at actual. The Bharat Heavy Electricals Limited will not entertain any claim in this regard. Reimbursement of service tax will be made as per the regulations/amendments to service tax rules as amended vide Finance act 2012.

9. BHEL will not be responsible for any loss / delay of documents sent by post / Courier.
10. All the information as called for in the various clauses and annexure of tender specification should be furnished. Please refer to the check list. The details so furnished shall be complete in all respects and as per the formats prescribed in the Tender Documents. The bidder may have to produce original documents for verification, if so desired by BHEL.
11. The Tenderers should specify whether they are doing any other work of same nature within the State of TAMIL NADU at present.

(C) SPECIAL CONDITIONS

1. Cleaning, grinding of weld spatters, Flush grinding of butt welds, Shot Blasting, Spray-painting and Stenciling/lettering of Work Order No. etc. of components, painting of running meter materials as per scope of work are to be carried out to the satisfaction of BHEL and jobs are to be shown for inspection at every stage. Inspection shall be carried out by BHEL/BHEL authorized Inspection agency after completion of works.
2. Contractor should possess suitable instruments with due calibrations ,for measuring DFT after painting and surface roughness after blasting. Contractor should employ only qualified personnel for executing the work.
3. Contractor has to provide all relevant Personal protective equipments (PPE) to the labours.
4. in case of any exigency, medical facilities may be extended by BHEL and the cost towards the same will be recovered from the contractor's running bills.

Annexure-I(Pg. 4 of 11)

5. The contractor has to provide work force in Round-the-Clock Shifts during peak periods to meet additional requirements, which will be intimated in advance. The shot blasting, painting, cleaning and grinding works are to be carried out and / or to be completed within the stipulated period and if necessary the contractor shall take necessary steps to augment the work force.
6. The work shall be in force for TWELVE MONTHS from the commencement of work. The period of the contract may be extended further with the same rates and terms & conditions up to a maximum of three months at the discretion of Bharat Heavy Electricals Limited.
7. In case of labour strength/working time has to be increased to complete the work within the stipulated period, no extra claim for payment under any circumstances will be entertained.
8. Contractor has to provide work force for movement of the identified components for shot blasting including for handling work like unloading, shifting to the shot blasting area, spreading around for shot blasting, etc.
9. Contractor shall maintain the following documents:
 - a. Log Book for daily completion of job.
 - b. Paint consumption details on daily basis.
 - c. Painting/surface preparation completion reports DU wise
10. The contractor should carry out the work at the place identified by the authority concerned within the premises of BHEL.
11. Painting by spray / brushes is to be done on all shot blasted components immediately after shot blasting and cleaning operation.
12. The contractor shall name a place of business, which is to be approved by the Officer-in-charge for the purpose of his office. At this office, there shall be a person (contractor's representative) present during the regular business hours to receive and carry out instructions.
13. The contractor shall be solely responsible for the safe custody for the materials from the time the materials are handed over to him till the materials are delivered at the places specified and will indemnify the Bharat Heavy Electricals Limited against any loss, damage, breakage, shortage and pilferage of any materials while in his custody.
14. In case of any neglect or refusal on the part of the contractor to provide sufficient labour for the aforesaid work or if in the opinion of Officer-in-charge, the services provided by the contractor are not satisfactory, the Officer-in-charge shall be at liberty to make such arrangement as he may deem fit at the cost and expense of the contractor. The contractor shall be advised of the amount so incurred and he shall be bound to remit the sum within three days from the date of receipt of such advice. Failure to do so will entitle the Officer-in-charge to deduct the sum from the money due to the contractor.
15. The contractor shall either supervise the work or provide sufficient supervisors to supervise the work of his staff. The supervisors employed by the contractor shall ensure proper output of work and discipline is maintained by the labours and in general to see that the works are carried out in a safe and proper manner.
16. BHEL will not be responsible for the idle labour of the contractor for whatever reasons.
17. Should any error or ambiguity be discovered in the specification or information, the contractor shall forthwith bring the same to the notice of Bharat Heavy Electricals Limited before commencement of work. The BHEL's interpretation in such cases shall be final and binding on the contractor.
18. Bharat Heavy Electricals Limited reserves the right to decide the suitability of the workers and other personnel who may be employed by the contractor.
19. In case of any loss to Bharat Heavy Electricals Limited, caused due to stoppage of work without sufficient reason or damage to any equipments or components or any property thereof, due to the negligence and carelessness of the contractor's men, the responsibility shall rest with the contractor. The actual cost of the loss or damage together with the overhead will be recovered from the contractor's bill. The decision of BHEL regarding the cost of loss as well as the extent of cost of damage shall be final and conclusive.
20. All the terms and conditions of this tender document will form part of the Contract agreement.

Annexure-I(Pg. 5 of 11)**(D) GENERAL CONDITIONS**

1. The Contractors shall comply with the 'Minimum Wages Act 1948 – Fixation of Minimum Rates of Wages for the employment in General Engineering and Fabrication Industry and provisions of payment of Wages Act 1936 or any modification or any other law relating there to and the rules made there under from time to time.
- a. The contractor shall pay wages to the workmen employed by him/her at the rate, which shall not be less than the minimum wages applicable under Law from time to time. **The Minimum Wages Act of Tamil Nadu Government shall be followed and the minimum wages have to be paid to the labourers accordingly. In addition a sum of Rs.3200/month for Unskilled Worker (USW), Rs.3700/month for Semiskilled Worker (SSW) and Rs.4100/month for Skilled Worker (SW) shall be paid per month per worker as BHEL Adhoc.**

- b. As an example , Wage calculation (effective as on date) for USW is given below:

Wage Type	USW
Monthly basic pay	Rs.3600
Monthly D.A.	Rs.4575
Monthly BHEL Adhoc	Rs.3200
Total Monthly Wage	Rs. 11375

- c. **Any increase in minimum wage, statutory requirements during the contract period will have to be borne by the contractor.** The statutory requirements like PF, ESI & OT, Bonus will be applicable for the applicable actual total wage per month inclusive of BHEL adhoc. Bonus amount will be as per bonus act. **Contractor quoted rate shall be inclusive of all the above payments including statutory payments thereon.**
- d. The wages shall be disbursed on or before 10th day of the succeeding month. If 10th falls on a holiday, payment should be made on previous working day. Advance intimation regarding payment date, time and venue shall be given to the official-in-charge. In case the contractor failed to pay the wages to the workers on or before 10th day of the next month, BHEL has the right to pay the contract workers and deduct the same from the amount payable to the contractor. The Official-in-charge shall certify at the end of the entries in the Register of wages.
- e. There should not be any distinction in the payment of wages made between Men and Women workers engaged in work of similar nature performed by them.
- f. As per Contract Labour (R&A) 1970 and the Factories Act 1948 & Rules 1950, the contractor shall maintain Time Cards in Form 25-B and issue the same to every contract labourer employed by him.
- g. **Weekly Off and Leave with Wages:** No contract labourer shall be allowed to work continuously for more than 6 days in a week. Apart from this, contractor should provide to every labourer employed by him one day of leave with full wages for every 20 days of actual work engaged by him. The holidays and weekly off should be with full payment as the wages are calculated on monthly basis.
- h. The contractor shall also maintain up to date Register of Leave with wages in Form – 15 as prescribed under Rule 87 & 88 of Factories Act 1948.
2. The contractor should possess necessary licenses, PF A/c No., and should take Insurance for his workers and produce them before commencement of work. If P.F. A/c No .is not already allotted, until such allotment is obtained, a sum of equal to 20% of the bill value will be retained. The sum so retained will be released on production of proof of remittance to the PF Authorities. The contractor shall ensure PF remittances for all his labourers worked during the month. Any short fall in PF remittances shall be recovered from the contractor's bills.

Annexure-I(Pg. 6 of 11)

- a. As per employees PF and miscellaneous Provisions Act 1952, the employees' contribution payable at present is 12% of wages which shall be recovered by the contractor from the wages of his workmen and the contractor should pay equal contribution in addition to any administrative charges in this behalf that may be decided from time to time. Remittance shall be made on time (i.e. on or before 15th of the following month).
 - b. All the contract workers shall be enrolled in ESI (Employees' State Insurance). The effective date will be first day of the latest commencement of running contract concerned. The date shall be entered in the "Date of Appointment" column of the ESI Declaration Form. Our ESI Code No. is 51-4766/Ranipet.
 - c. The workers who are already members of ESI need not be enrolled again.
 - d. The filled ESI declaration forms shall be submitted to the Executive/HR Department. In the Declaration Form full address of the contractor shall be mentioned. Whenever a fresh and unregistered worker is engaged during the operation of contract, declaration form in respect of the workman which should be submitted to Human Resources Department within two days of such engagement.
 - e. ESI contributions (1.75% employees contribution + 4.75% employer contribution of the total monthly wages) before 20th day of every following month. (ESI Code No.51-4766/R). Prescribed challans are available at ESI local office, Ranipet(near SIPCOT). Contractors who have got their own code number can remit the contributions on that number.
 - f. Along with the Challan copy, the details of remittance shall be submitted to the Executive (HR) in the ESI compliance form.
3. The contractor should deduct Provident Fund and ESI amount as per the provisions and amount so deducted along with the matching contribution of the contractor shall be remitted to the authorities concerned within the stipulated time. The statement of deduction along with the challans evidencing remittance shall be submitted to Officer-in-charge. If the evidences are not shown, further bills of the contractor will not be paid. BHEL have the right to withheld the payment of his bills. Submission of statutory returns such as Half Yearly returns of ESI(Form6), PF return (Form12A). Form 5 and Form 10, Form 3A & Form 6A should be sent to the concerned officers in time.
 4. In case of any increase in wage rates on account of revision of minimum wages by Government of Tamil Nadu and any revision of contribution in Provident Fund, ESI and Bonus percentages due to statutory amendments, the contractor is bound to pay the revised amount. In case the revision of minimum wages is made by Government of Tamil Nadu with retrospective dates, the contractor is bound to pay such arrears arising out of such revision of minimum wages retrospectively, failing which BHEL as the principal employer will retain the amount from the contractor and pay to contract labourers working under him.
 5. The workers' particulars such as Name, Age, Father's Name, address etc., and their daily attendance have to be maintained by the contractor. The details of Provident Fund and ESI compliance have to be maintained by the contractor in the prescribed format / register.
 6. As per the Contract (Regulation & Abolition) Act 1970 and Allied Rules, the contractor employing 20 or more labourers is required to obtain licence from the Inspector of Labour, Vellore. This licence shall be amended and / or renewed whenever there is an increase in the workmen employed by him or in the event of contract being extended or renewed. The contractor shall inform the Licence Number so obtained to the Human Resources Department.
 7. The Contractor shall maintain the following Registers and Records and make them available for inspection at any time. (The list is only for example, but not exhaustive).

<ol style="list-style-type: none"> a. Muster Roll b. Register of Wages c. Register of deductions d. Register of Over Time e. Register of Fine 	<ol style="list-style-type: none"> f. Register of Advance g. Wage Slips h. Register of Accidents i. Register of Leave with Wages j. ESI Register in Form-7
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Annexure-I(Pg. 7 of 11)

8. In case a contract labourer meets with an accident while on duty, the contractor shall immediately intimate the Safety Department, Contracting Agency and Human Resources Department and submit the Accident Report duly filled in all respect and sent a copy to ESI local office. ESI dispensary and Inspector of Factories(for major accidents) with in 24 hours of accident through Safety and Human Resources Departments. All assistance for the injured workman such as to taking him to ESI Dispensary; for treatment must be rendered by the contractor.
9. Compliance of the above provisions does not absolve the obligation of contractor arising out of other statutory obligations.
10. Employment of child labour is strictly prohibited.
11. Payment of Bonus: In respect of work done by the labour, the contractor has to pay to his labourers as laid down by the Payment of Bonus Act – 1965.
- 12.If any employee/labourer working in the contract is found involved in corruption activities, the contract will be terminated and the contractor will be banned for applying for any future contract for 3 years
- 13.100 % payment will be made for the works completed. The payment will normally be made in about 30 days after receipt of valid invoices supported by full set of necessary documents at Finance dept. of BHEL. Payment will be made through e-payment. Contractor has to submit the **ACCEPTANCE FOR ELECTRONIC FUND TRANSFER / RTGS TRANSFER** format as per **Annexure** enclosed.
- 14.No interest shall be payable by BHEL on applicable SD or any money due to the contractor by BHEL. No EMD is applicable for this tender.
- 15.Should a tenderer or a contractor has a relative or in the case of a firm or company of contractors any of its share holders or share holder's relative, employed in BHEL, the authority inviting tenders shall be informed of this fact at the time of submission of the tender failing which the tender may be disqualified or if such fact subsequently come to light, the contract may be rescinded.
- 16.BHEL is not bound by any power of attorney granted by the tenderer or changes in the composition of the firm made subsequent to the execution of the contract. They may, however, recognize such power of attorney and changes after obtaining proper legal advice, the cost of which will be chargeable to the contractor concerned.
17. In case the contractor deliberately gives wrong information in his tender or creates conditions favourable for the acceptance of his tender, or canvassing in any form in connection with the tender, BHEL reserves the right to reject the tender at any stage.
- 18.The contract shall be governed by the Law for the time being in force in the Republic of India, and shall be subject to the Jurisdiction of the courts having Jurisdiction over RANIPET (VELLORE Dist, Tamil Nadu).
- 19.MSE suppliers can avail the intended benefits only if they submit along with offer, attested copies of either EM II certificate having deemed validity (five years from the date of issue of acknowledgement in EM-II) or valid NSIC certificate or EM-II certificate along with attested copy of a CA certificate(Format enclosed below where deemed validity of EM II certificate of five years has expired) applicable for the relevant financial year (latest audited). Date to be reckoned for determining the deemed validity will be the date of bid opening (Part 1 incase of two part bid). Non submission of such documents will lead to consideration of their bids at par with other bidders. No benefit shall be applicable for this enquiry if any deficiency in the above required documents is not submitted before price bid opening. If the tender is to be submitted through e-procurement portal, then the above required documents are to be uploaded in the portal. Documents should be notarized or attested by a Gazetted officer.

All MSE suppliers shall continue to be in PMD with MSE status based on the EM II certificate or valid NSIC certificate.

Annexure-I(Pg. 8 of 11)

Any new supplier will be eligible for registration with BHEL as MSE supplier provided at least any one of the following documents are submitted along with application for registration.

- a. Valid NSIC certificate or
- b. Entrepreneurs Memorandum part II(EM II) certificate (valid based on deemed validity of 5 years) or
- c. EM II certificate alongwith attested copy of CA certificate(as per prescribed format as below applicable for the relevant financial year(latest audited) , where the deemed validity of EM II is over.

However credentials of all MSE suppliers will be verified before considering the intended benefits for MSE suppliers as per clause9ii) at the time of tender evaluation

Certificate by Chartered Accountant on Letter head

This is to certify that M/s.....,
(hereinafter referred to as 'Company') having its registered office at.....
..... is registered under MSMED Act 2006,(Entrepreneur memorandum
No(Part-II)..... dtd:.....
Category:.....(Micro/Small).(Copy enclosed)

Further verified from the Books of Accounts that the investment of the company as per the latest audited financial year as per MSMED Act 2006 is as follows:

1. For Manufacturing Enterprises: Investment in plant and machinery(i.e. original cost excluding land and building and the items specified by the Ministry of Small Scale Industries vide its notification No.S.O.1722(E) dated October 5, 2006:

Rs..... Lacs

3. For Service Enterprises: Investment in equipment(original cost excluding land and building and furniture, fittings and other items not directly related to the service rendered or as may be notified under the MSMED Act, 2006.

Rs..... Lacs

(Strike off whichever is not applicable)

The above investment of Rs.....Lacs is within permissible limit of Rs.....
Lacs for.....Micro/Small(Strike off which is not applicable)Category under MSMED
Act 2006.

Or

The company has been graduated from its original category(Micro/Small)(Strike off which is not applicable) and the date of graduation of such enterprise from its original category is(dd/mm/yyyy) which is within the period of 3 years from the date of graduation of such enterprise from its original category as notified vide S.O.No.3322(E) dated 01-11-2013 published in the gazette notification dated 04-11-2013 by Ministry of MSME.

Date:

(Signature)

Name-

Membership number

Seal of Chartered Accountant

Annexure-I(Pg. 9 of 11)**20. Discrepancy in “words “ & “ Figures “**

- a) If, in the price structure quoted for the required goods/services/works, there is discrepancy between the unit price and the total price (which is obtained by multiplying the unit price by the quantity), the unit price shall prevail and the total price corrected accordingly, unless in the opinion of the purchaser there is an obvious misplacement of the decimal point in the unit price, in which case the total price as quoted shall govern and the unit price corrected accordingly.
- b) If there is an error in a total corresponding to the addition or subtraction of subtotals, the subtotals shall prevail and the total shall be corrected; and
- c) If there is a discrepancy between words and figures, the amount in words shall prevail, unless the amount expressed in words is related to an arithmetic error, in which case the amount in figures shall prevail subject of (a) and (b) above.
- d) If there is such discrepancy in an offer, the same shall be conveyed to the bidder with target date up to which the bidder has to send his acceptance on the above lines and if the bidder does not agree to the decision of the purchaser, the bid is liable to be ignored.

21. **Bid evaluation criteria-** The L1 status shall be reckoned based on the total cost to BHEL.

(E) SAFETY INSTRUCTIONS

1. The Contractor must inspect the area of work to decide the safety precautions necessary for executing this contract.
2. Whenever people work at height more than six feet, platform shall be provided or the workers shall wear safety belt to avoid fall from the height.
3. Wherever any area declared dangerous, the workers shall not be allowed to work till a written clearance is obtain from appropriate authorities.
4. No material of any kind shall be dropped or allowed to be dropped from any height.
5. Defective ladders shall not be used at all.
6. Inflammable materials shall not be stored near places where the sparks are likely to occur.
7. The necessary safety equipments such as **shot blasting safety suit**, painting suit, goggles, gloves, helmet, dust / fume respirator etc. must be issued to the workmen by the contractor and strictly to be used while carrying out the work.
8. If the contractor's workmen found violating the safety precautions, punitive action will be taken by withholding a sum of Rs.500/- to Rs.1000/- from the contractor bill for each violation.
9. The working area shall be kept clean and free from all obstructions.
10. All temporary electrical connections shall be properly earthed, insulated and periodically checked.
11. The contractor should arrange WORKMEN COMPENSATION / INSURANCE POLICY covered for all his workmen. A copy of the policy has to be submitted before commencement of work.
12. All safety precautions are to be taken by the contractor at his cost.
13. These safety measures shall be deemed to form an integral part of the Work Order / Agreement.

Annexure-I(Pg.10 of 11)**(F) CONDITIONS FOR SECURITY DEPOSIT**

SECURITY DEPOSIT SHALL BE COLLECTED FROM THE SUCCESSFUL TENDERER. THE RATE OF SECURITY DEPOSIT WILL BE AS BELOW:

	<u>VALUE OF WORK</u>	<u>SECURITY DEPOSIT</u>
	<u>CONTRACT VALUE</u>	<u>SECURITY DEPOSIT AMOUNT</u>
1	UPTO Rs.10 LAKHS	10% OF CONTRACT VALUE
2	ABOVE Rs.10 LAKHS UPTO Rs.50 LAKHS	Rs. 1 LAKH + 7.5% OF THE AMOUNT EXCEEDING Rs.10 LAKHS
3	ABOVE Rs.50 LAKHS	Rs.4 LAKHS + 5% OF THE AMOUNT EXCEEDING Rs.50 LAKHS

THE SECURITY DEPOSIT SHALL BE DEPOSITTED BEFORE START OF THE WORK BY THE CONTRACTOR.

SECURITY DEPOSIT MAY BE FURNISHED IN ANY ONE OF THE FOLLOWING FORMS

- I) CASH (AS PERMISSIBLE UNDER THE INCOME TAX ACT)
- II) PAY ORDER, DEMAND DRAFT IN FAVOUR OF BHEL.
- III) LOCAL CHEQUES OF SCHEDULED BANKS, SUBJECT TO REALIZATION.
- IV) SECURITIES AVAILABLE FROM POST OFFICES SUCH AS NATIONAL SAVINGS CERTIFICATES, KISAN VIKAS PATRAS ETC.

(CERTIFICATES SHOULD BE HELD IN THE NAME OF CONTRACTOR FURNISHING THE SECURITY AND DULY PLEDGED IN FAVOUR OF BHEL AND DISCHARGED ON THE BACK).

- V) BANK GUARANTEE FROM SCHEDULED BANKS / PUBLIC FINANCIAL INSTITUTIONS AS DEFINED IN THE COMPANIES ACT. THE BANK GUARANTEE FORMAT SHOULD HAVE THE APPROVAL OF BHEL.
- VI) FIXED DEPOSIT RECEIPT ISSUED BY SCHEDULED BANKS / PUBLIC FINANCIAL INSTITUTIONS AS DEFINED IN THE COMPANIES ACT. THE FDR SHOULD BE IN THE NAME OF THE CONTRACTOR, A/C BHEL, DULY DISCHARGED ON THE BACK.
- VII) SECURITY DEPOSIT CAN ALSO BE RECOVERED AT THE RATE OF 10% FROM THE RUNNING BILLS. HOWEVER IN SUCH CASES AT LEAST 50% OF THE SECURITY DEPOSIT SHOULD BE COLLECTED BEFORE START OF THE WORK AND THE BALANCE 50% MAY BE RECOVERED FROM THE RUNNING BILLS.
- VIII) THE SECURITY DEPOSIT SHALL NOT CARRY ANY INTEREST.

NOTE: ACCEPTANCE OF SECURITY DEPOSIT AGAINST SL.NO. (IV) AND (VI) ABOVE WILL BE SUBJECT TO HYPOTHECATION OR ENDORSEMENT ON THE DOCUMENTS IN FAVOUR OF BHEL. HOWEVER, BHEL WILL NOT BE LIABLE OR RESPONSIBLE IN ANY MANNER FOR THE COLLECTION OF INTEREST OR RENEWAL OF THE DOCUMENTS OR IN ANY OTHER MATTER CONNECTED THEREWITH.

The Security Deposit deposited by the contractor / recovered from his bills will be refunded to the contractor only after the maintenance period of Six (6) months from the date of completion of the contract. Any defect arising in the work done by the contractor during the period of the contract / maintenance period must be set right by the contractor at his cost.

(G) TERMS AND CONDITIONS OF REVERSE AUCTION

Conditions of Reverse Auction	Acceptance by the Tenderer (Yes/No)
<p><i>BHEL reserves the right to decide the tender through Reverse Auction (RA) instead of opening the sealed envelope price bid, submitted by the bidder . This will be decided after techno-commercial evaluation. Bidders are requested to go through RA guidelines (mentioned below) and give their acceptance for participation in RA. Non-acceptance to participate in RA may result in non-consideration of their bids, in case BHEL decides to go for RA. Vendors are advised not to quote higher prices in price bid, presuming that there will be an opportunity to reduce the same during Reverse Auction. In case BHEL decides to process the tender by opening the price bids instead of Reverse Auction, there is no provision for revising the quoted prices and vendors may lose the opportunity in view of the higher prices, if any, quoted by them.</i></p>	

1. BHEL may resort to “REVERSE AUCTION PROCEDURE”, i.e., ON LINE BIDDING ON INTERNET.
2. For the proposed reverse auction, technically acceptable bidders only shall be eligible to participate.
3. BHEL will engage the services of a service provider who will provide all necessary training and assistance before commencement of on line bidding on Internet. The details of Service provider will be informed to the vendors to enable them to contact & get trained.
4. Business rules like event date, time, start price, bid decrement, extensions etc. will be communicated through our service provider for compliance.
5. Vendors have to fax the compliance form in the prescribed format (provided by Service provider) before start of Reverse auction. Without this, the vendor will not be eligible to participate in the event.
6. BHEL will provide the calculation sheet (e.g., EXCEL sheet) which will help to arrive at “Total Cost to BHEL like Service Tax for Service for each of the vendor to enable them to fill – in the price and keep it ready for keying in during the Auction.
7. Reverse auction will be conducted on scheduled date & time. Any request for change in scheduled date and time of “Reverse Auction” will not be entertained.
8. At the end Reverse Auction event, the lowest bidder value will be known on the network.
9. The lowest bidder has to Fax the duly signed Filled – in prescribed format as Provided on case – to – case basis to BHEL through Service provider within 24 Hours of auctions without fail.
10. Any variation between the on – line bid value and the signed document will be Considered as sabotaging the tender process and will invite disqualification of vendor to conduct business with BHEL as per prevailing procedure.
11. In case BHEL decides not to go for Reverse Auction procedure for this tender Enquiry, the price bids and impacts, if any, already submitted and available with BHEL shall be opened as per BHEL’s standard practice.

Annexure-II (Pg. 1 of 1)**QUALIFICATION REQUIREMENTS**

Name of the work: Surface preparation including Grinding, Shot blasting, Painting & Lettering of components of ESP, APH, Fan and Gates and Damper and Running meter materials inside BHEL/BAP/Ranipet premises.

Qualifying Requirements

SI No.	Description of Norms	Documents to be Enclosed	To be filled in by the Tenderer	
			Relevant Documents - Enclosed / Not Enclosed	Remarks (if any)
1.	Average annual Turnover of Rs 5.0 lakhs or more for the last three years ending 31.03.14.	a. Audited Profit & Loss A/C for last 3 yrs.		
		b. Copy of income tax return filed for last 3 years.		
2	Should have successfully executed and completed one similar work (*) to the value of at least 3.0 Lakhs in the last seven years. (In case the work is executed in any unit of BHEL the performance feedback by BHEL is to be enclosed)	LOI Copy, Completion Certificate and Performance feedback report		
3	Latest Solvency certificate (not more than six months old) for an amount not less than Rs. 5.0 lakhs issued by banks or Govt. Authorities.	Solvency Certificate		
4	The document submitted by the vendor will be verified by BHEL. In case of any discrepancy, the offer will be disqualified.	Vendor to accept		

Note: Bids not meeting the above qualification requirements are liable for rejection.

(*) Similar works means surface preparations and subsequent painting of fabricated steel items/components as per specification with paints like red oxide paint, enamel paint or other paints. Vendors having experience in fabrication of steel structures/equipments and subsequent surface preparation along with spray painting of components of power plant equipments, any industrial equipments or fabricated steel structures of buildings, bridges etc are also eligible .

CHECK LIST

Bidders are required to fill in the following details:

1. a. Name of the bidder with Address :
Phone/Mob No., E-mail & FAX
- b. Nature of the firm :
- c. In case of company proof of registration of company : YES/NO
- d. Memorandum and articles of association : YES/NO
company/copy of partnership deed
2. Validity of the offer (minimum 90 days) : YES/NO
3. Whether bidder visited the site and acquainted : YES/NO
with the site conditions before quoting
4. Whether the following details are furnished w.r.to QR
 - a. Audited Profit/Loss account for last 3 years : YES/NO
 - b. IT return for the last 3 years : YES/NO
 - c. Previous Experience-Photocopies as in QR : YES/NO
 - d. Latest solvency certificate : YES/NO
5. Whether the following details are furnished
 - a. EPF Registration No. : YES/NO
(Should possess PF account with the code number allotted to them by PF authorities, which can be submitted before submission of 1st running bill)
 - b. Service Tax Registration No. : YES/NO
(with a copy of certificate)
 - c. E-payment acceptance as per annexure : YES/NO
 - d. Rate schedule as per the schedule appended : YES/NO
6. Whether the bidder is conversant with the local : YES/NO
labour laws and conditions.
7. Whether the bidder is aware of all safety : YES/NO
rules and codes
8. Whether all the pages are read, understood & signed : YES/NO

NOTE: The bidders are requested to peruse the tender Specifications and Terms & Conditions carefully and furnish the above information also in detail as required.

UNPRICED-PRICE BID**Rate Schedule & Bill of Quantities**

S. No.	Schedule No. & Description of Work	Unit	Qty	Unit Rate (Rs. P)	Amount (Qty X Rate) (Rs. P)
				Mention either Quoted/Not-Quoted.	
1	Schedule A				
	Cleaning of weld spatters and weld slag, grinding of tack welds and gas cut edges, merging of welds of fabricated components.	Mtr	1,80,000		
2	Schedule B				
	Flush grinding of butt welds	Mtr			
	a) Flush grinding up to 10 mm	Mtr	200		
	b) Flush grinding of butt welds, 11 to 20 mm	Mtr	200		
	c) Flush grinding of butt welds, 21 to 32 mm	Mtr	7,000		
3	Schedule C				
	1. Shot blasting to cleanliness level Sa2.	Sq.Mtr.	12,000		
	2. Shot blasting to cleanliness level Sa2 1/2.	Sq.Mtr.	1,500		
4	Schedule D				
	1. High build spray painting of various thicknesses	Sq.Mtr			
	a. DFT 0 to 40 microns	Sq.Mtr.	300		
	b. DFT 0 to 60 microns	Sq.Mtr.	500		
	c. DFT 0 to 80 microns	Sq.Mtr.	1,000		
	d. DFT 0 to 100 microns	Sq.Mtr.	300		
	e. DFT 0 to 120 microns	Sq.Mtr.	300		
	f. DFT 0 to 140 microns	Sq.Mtr.	300		
	g. DFT 0 to 160 microns/180 microns	Sq.Mtr.	900		
	h. DFT 0 to 200 microns/220 microns	Sq.Mtr.	800		
	i. DFT 0 to 240 microns/260 microns	Sq.Mtr.	700		
	j. DFT 0 to 280 microns	Sq.Mtr.	300		
	k. DFT 0 to 300 microns	Sq.Mtr.	300		
	l. DFT 0 to 350 microns	Sq.Mtr.	1900		
	2. Non-High build spray painting of various thicknesses	Sq.Mtr			
	a. DFT 0 to 25 microns	Sq.Mtr.	1,400		
	b. DFT 0 to 35 microns	Sq.Mtr.	2,800		
	c. DFT 0 to 45 microns	Sq.Mtr.	50,000		
	d. DFT 0 to 55 microns	Sq.Mtr.	10,000		
	e. DFT 0 to 65 microns	Sq.Mtr.	50,000		
	f. DFT 0 to 75 microns	Sq.Mtr.	13,000		
	g. DFT 0 to 85 microns	Sq.Mtr.	2,000		
	h. DFT 0 to 95 microns	Sq.Mtr.	6,000		
	i. DFT 0 to 105 microns	Sq.Mtr.	2,500		

Annexure-V (Pg. 2 of 2)**UNPRICED-PRICE BID****Rate Schedule & Bill of Quantities**

S. No.	Schedule No. & Description of Work	Unit	Qty	Unit Rate (Rs. P)	Amount (Qty X Rate) (Rs. P)
				Mention either Quoted/Not-Quoted.	
5	Schedule E				
	Lettering of Work order No., Project name, DU, Description, Qty., Weight, Product number, Serial No. & Materials mark details.				
	a. 1" Letters using brush & paint	Set *	500		
	b. 2" Letters using brush & paint	Set *	2,000		
	c. 3" Letters using brush & paint	Set *	4,000		
	* set comprises of 70 alphanumerical characters				
6	Schedule F				
	Painting of running meter materials including Spreading, Cleaning, Lettering Work, Counting, Stacking, Bundling & Handing over to shipping	MT	3,500		
7	Applicable Service Tax % age <u>(To be mentioned)</u>		%		

Note: In this Unpriced -Price bid (which also forms part of the Technical Bid) , quote only applicable Service tax %age in the sl.no.7 and in other places mention either Quoted /Not-quoted and submit along with Technical bid.

SIGNATURE OF THE TENDERER WITH SEAL

Annexure-VI (Pg. 1 of 2)**PART-II (PRICE BID)****Rate Schedule & Bill of Quantities**

S. No.	Schedule No. & Description of Work	Unit	APPROX QTY. FOR 12 MONTHS	Unit Rate (Rs. P)	Amount (Qty X Rate) (Rs. P)
1	Schedule A				
	Cleaning of weld spatters and weld slag, grinding of tack welds and gas cut edges, merging of welds of fabricated components.	Mtr	1,80,000		
2	Schedule B				
	Flush grinding of butt welds	Mtr			
	a) Flush grinding up to 10 mm	Mtr	200		
	b) Flush grinding of butt welds, 11 to 20 mm	Mtr	200		
	c) Flush grinding of butt welds, 21 to 32 mm	Mtr	7,000		
3	Schedule C				
	1. Shot blasting to cleanliness level Sa2.	Sq.Mtr.	12,000		
	2. Shot blasting to cleanliness level Sa2 1/2.	Sq.Mtr.	1,500		
4	Schedule D				
	1. High build spray painting of various thicknesses	Sq.Mtr.			
	a. DFT 0 to 40 microns	Sq.Mtr.	300		
	b. DFT 0 to 60 microns	Sq.Mtr.	500		
	c. DFT 0 to 80 microns	Sq.Mtr.	1,000		
	d. DFT 0 to 100 microns	Sq.Mtr.	300		
	e. DFT 0 to 120 microns	Sq.Mtr.	300		
	f. DFT 0 to 140 microns	Sq.Mtr.	300		
	g. DFT 0 to 160 microns/180 microns	Sq.Mtr.	900		
	h. DFT 0 to 200 microns/220 microns	Sq.Mtr.	800		
	i. DFT 0 to 240 microns/260 microns	Sq.Mtr.	700		
	j. DFT 0 to 280 microns	Sq.Mtr.	300		
	k. DFT 0 to 300 microns	Sq.Mtr.	300		
	l. DFT 0 to 350 microns	Sq.Mtr.	1900		
	2. Non - High build spray painting of various thicknesses	Sq.Mtr.			
	a. DFT 0 to 25 microns	Sq.Mtr.	1,400		
	b. DFT 0 to 35 microns	Sq.Mtr.	2,800		
	c. DFT 0 to 45 microns	Sq.Mtr.	50,000		
	d. DFT 0 to 55 microns	Sq.Mtr.	10,000		
	e. DFT 0 to 65 microns	Sq.Mtr.	50,000		
	f. DFT 0 to 75 microns	Sq.Mtr.	13,000		
	g. DFT 0 to 85 microns	Sq.Mtr.	2,000		
	h. DFT 0 to 95 microns	Sq.Mtr.	6,000		
	i. DFT 0 to 105 microns	Sq.Mtr.	2,500		

Annexure-VI (Pg. 2 of 2)**PART-II (PRICE BID)****Rate Schedule & Bill of Quantities**

5	Schedule E	Unit	APPROX QTY. FOR 12 MONTHS	Unit Rate (Rs. P)	Amount (Qty X Rate) (Rs. P)
	Lettering of Work order No., Project name, DU, Description, Qty., Weight, Product number, Serial No. & Materials mark details.				
	a. 1" Letters using brush & paint	Set *	500		
	b. 2" Letters using brush & paint	Set *	2,000		
	c. 3" Letters using brush & paint	Set *	4,000		
	* set comprises of 70 alphanumerical characters				
6	Schedule F				
	Painting of running meter materials including Spreading, Cleaning, Lettering Work, Counting, Stacking, Bundling & Handing over to shipping	MT	3,500		
Sub Total Amount (A)					
7	Applicable Service Tax % age and Amount (To be mentioned)	%		%	Amount(B)
Grand Total Amount.....(A+B)					

SIGNATURE OF THE TENDERER WITH SEAL