



An ISO: 9001
Organization

BHARAT HEAVY ELECTRICALS LIMITED

High Pressure Boiler Plant, Tiruchirappalli- 620014

Maintenance & Services Dept. (FB)

☎: (0431) 257-5958

e-mail: avinashsahoo@bheltry.co.in

ENQ No: 9241700041

20.11.2017

NOTICE INVITING TENDER

Sub: **AMC FOR ALL FURNACES – MECHANICAL MAINTENANCE AVAILABLE AT BUILDING 50– Reg.**

Ref: Enquiry no: 9241700041 DATED: 20/11/2017; DUE DT:13/12/2017

Tender of the following work should be submitted in a sealed cover consisting of three inner sealed covers such as 1) EMD cover, 2) Technical bid cover & 3) Price bid cover, all super-scribing the name of work, enquiry number etc.

- 1) EMD cover shall contain requisite EMD of ₹. 7,040/- & Payment of EMD must be in e-Collect mode only. Tender without EMD will be summarily rejected and the Technical bid & price bid shall not be considered. Tender without EMD will be summarily rejected and the Technical bid & price bid shall not be considered.
- 2) Technical bid cover shall contain duly filled in Technical bid document signed by the tenderer in all the pages with documentary evidences for pre-qualification such as experience, value of work executed in the similar nature of work etc. Any bid without proper documentary evidence for pre-qualification shall not be considered for further evaluation.
- 3) One set of unpriced bid of Contract Work Schedule duly signed by the tenderer for accepting the work content (BOM) should be submitted along with the Technical bid for technical evaluation.
- 4) The price bid cover shall contain price bid document duly filled in and signed by the tenderer in all the pages. The tenderer has to quote most competitive rates for all the items given in the Bill of Quantities in price bid.

The complete Technical bid and price bid along with requisite **EMD of ₹.7, 040/-** shall reach the office of the undersigned on or before 13/12/2017 at 14.00 Hrs.

MSE suppliers can avail EMD Waiver benefits only if they submit along with the 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). Tenders without EMD/MSME proof as detailed above will be summarily rejected.



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The Technical bid will be opened on the same day at 14.30 hrs. In case of opening day falls on holiday or happened to be declared as a holiday the receipt and opening of the tender shall automatically fall on the same timing of the next working day. Date and time of opening of the Price Bid shall be intimated only to the bidders those who have qualified after evaluation of the Technical bid. You / Your authorized representative may participate in the tender opening.

Clarification if any can be obtained from the undersigned.

Kindly acknowledge the receipt of the entire set of tender document.

Thanking you,

Yours faithfully,

For Bharat Heavy Electricals Limited,
Sr. Engineer
Contracts Maintenance & Services Dept.

Encl:

- 1) NIT – Notice Inviting tender (Consists of Preamble, Technical Bid & price bid)

Tender should be addressed to:

**THE Sr. ENGINEER,
MAINTENANCE & SERVICES / CONTRACTS,
2&4 BUILDING, BHARAT HEAVY ELECTRICALS LIMITED,
HIGH PRESSURE BOILER PLANT,
TIRUCHIRAPPALLI -620014,
TAMILNADU**

Sign & Seal of Contractor



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NOTICE INVITING TENDER

01.	Name of work	AMC FOR ALL FURNACES – MECHANICAL MAINTENANCE AVAILABLE AT BUILDING 50
02.	Earnest Money Deposit	₹.7040/-
03.	Duration of the contract	1 Year (From the date of commencement of the work)
04.	Last Date for Receipt of Tender	14.00 Hrs. on 13/12/2017
05.	Date of Technical Bid Opening	14.30 Hrs. on 13/12/2017
05.	Date of Price Bid Opening	Will be intimated to those who are Qualified separately.
07.	Guarantee Period	Not applicable

The Tender documents can be down loaded from BHEL website (www.bhel.com) / govt. website (www.tenders.gov.in) at free of cost.

Tender document contains 14 Pages (Technical Bid – 11 Pages, Schedule for price bid – 01 page).

ISSUING OFFICER

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TECHNICAL BID

NAME OF THE WORK: **AMC FOR ALL FURNACES – MECHANICAL MAINTENANCE AVAILABLE AT
BUILDING 50**

Enquiry no: 9241700041 Dated: 20/11/2017. Due date: 13/12/2017, 14.00 Hrs.

PRE-QUALIFICATION CRITERIA

The following eligibility criteria shall be complied to fulfill the Technical bid: -

Sl. No	Description	Vendor to confirm
1	(a) Only those BIDDER/SERVICE PROVIDER, who have minimum One-year experience in executing Maintenance Contract involving Fabrication / Maintenance of Furnace / Furnace Facilities in any engineering industry in the last five years (from the date of opening of tender) are eligible to participate in the tender. Documentary proofs/Xerox copies of the Work Orders proving the same are to be enclosed. Otherwise offer is liable for rejection. Bidder to confirm. (b) Satisfactory Performance certificate in customer letter head for above work to be enclosed. Otherwise offer is liable for rejection. Bidder to confirm.	
2	Name and contact details like E-mail, Phone number, Fax no, etc. of the customer / company where the maintenance contract is executed. Bidder to confirm.	
3	BHEL may verify the information provided by vendor. In case the information provided by vendor is found to be false / incorrect, the offer shall be rejected. Bidder to confirm.	
4	(i) BHEL Vendor code (if applicable) - (ii) PAN Number (Copy to be Enclosed) - (iii) GSTN registration Number (Copy to be Enclosed) - (iv) Mobile number (Which is linked to GSTN registration Number) - (v) Email id (Which is linked to GSTN registration Number) - (vi) HSN Code - Offer will be entertained only if the vendor submit the details as above & has a valid GST registration no. If any specific exemption is available, a declaration with due supporting documents need to be furnished for considering the offer. Otherwise the offer shall be rejected.	
5	Acceptance for Scope of Work as per the Enquiry	
6	Acceptance for All Terms & Conditions as per the Enquiry	
7	The bidder along with its associate/collaborators/sub-contractors/sub-vendors/ consultants/ service providers shall strictly adhere to BHEL fraud prevention policy displayed on BHEL website http://www.bhel.com and shall immediately bring to the notice of BHEL management about any fraud or suspected fraud as soon as it comes to their notice.	

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SCOPE OF WORK:

1) AMC FOR ALL FURNACES – MECHANICAL MAINTENANCE AVAILABLE AT BUILDING 50

Sl. No	SCOPE OF WORK	QTY
10	Replacement of Furnace Shell Plate: Damaged portion of shell plates are to be removed and new plates to be welded. The plate material is MS and thickness range between 6 to 10 mm. Work content: Furnaces - Mechanical Maintenance at Building 50 1. Remove the damaged area by Gas cutting. 2. Preparation of new patch plate suitable to the damaged area, 3. Welding the new plate with suitable reinforcements/supports. 4. Cleaning and smoothening the weldments by grinding the weld beads. 5. Painting with one coat of red-oxide and two coats of aluminum paint on the newly replaced area. Note: 1. To Quote for replacing, 1 Sq. mtr. of furnace shell plate. 2. The removal of refractory materials in the furnace chamber or door for replacing the shell plate are not in the scope of this contract.	40 M2
20	Removal and re-assembly of Furnace Door: Work content: 1. Locking the counter weight at the required position (Either with wire rope or support at the bottom). 2. Disconnect the connecting hook in the door by removing the pin between the door and the chain after holding the door with crane or Forklift. 3. Remove the door using crane or fork lift and place it at convenient place as per the instruction of MMO supervisor. 4. Re-assemble the door back in the furnace (following the reverse procedure of removal of door) after repair of front wall / side wall / door casting or door sand sealing arrangements as stated in scope 30.	10 NO
30	Castings Replacement in furnace walls & door: Work content: 1. Removal of damaged castings/SS plate in Front wall/side wall/ door of the furnace by gas cutting the fasteners. 2. Correcting the corresponding base plates / fixing channel by heating and welding or patch up with new plate / channel. 3. Fixing the new castings / SS plate with suitable fasteners after drilling/gouging. 4. Painting with one coat of red-oxide and two coats of aluminium paint on the replaced area. Note: 1) To Quote for 1 meter length of replacement, irrespective of size of castings.	30 M

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Sl. No	SCOPE OF WORK	QTY
	2) The removal of refractory materials in the furnace chamber or door for replacing the castings are not in the scope of this contract. 3) The new castings / SS plates without fixing holes will be provided by BHEL free of cost. (In case of SS plate contractor should mark & move for cutting to MP and to be moved back.) 4) The crane / forklift for holding, removing and lifting the door will be provided by BHEL free of cost. 5) Work Sl. No. (20) to (30) should be awarded to single contractor as they are inter-linked. 6) The repair work does not form part of this scope.	
40	Sand sealing Replacement in Bogie / Hearth: Work content: 1. Removal of damaged sand sealing structure in bogie or inside hearth of the furnace by gas cutting. 2. Correcting the corresponding fixing plates by cutting and welding/by heating. 3. Fixing the new sand sealing frame arrangement in bogie/hearth to match with each other. 4. Painting with one coat of red-oxide and two coats of aluminum paint for the replaced area. 5. Sand to be filled in the sealing pocket after completing the work. Note: To Quote for 1meter length of replacement (either in bogie or in hearth).	35 M
50	Bogie / Hearth Castings Replacement: Work content: 1. Removal of damaged bogie / hearth castings (sand sealing and retaining) and its supports by gas cutting the fasteners. 2. Correcting the corresponding base plates / support structure in the bogie / hearth by heating and welding or replacement with new support plate. 3. Fixing the new castings / fabricated SS plate with suitable fasteners & tie rods, wherever required with proper alignment. 4. Painting with one coat of red-oxide and two coats of aluminum paint for the replaced area. Note: 1) To Quote for 1meter length of replacement (either in bogie or in hearth). 2) The removal of refractory materials in the furnace chamber or bogie for replacing the castings is not in the scope of this contract. 3) Work Sl. No.40 and 50 will be awarded to single contractor as they are inter-linked.	40 M

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Sl. No	SCOPE OF WORK	QTY
60	Repair of Damaged Air Duct (dia. up to 250mm): Work content: 1. Damaged portion of Air duct (dia. up to 250mm) to be removed by gas cutting. 2. A patch plate to be welded on the duct or a portion of duct to be fabricated and replaced. 3. Duct to be replaced along with suitable flanges and gaskets free of air leakage. 4. Painting with one coat of red-oxide and two coats of white paint for the replaced area. 5. For removing & re-fixing of air duct, wherever overhead crane facility is available, the same if required will be provided by BHEL free of cost. Note: To Quote for 1 m length of duct repaired /replaced up to 250mm diameter.	20 M
70	Repair of Damaged Air Duct above 251mm: Work content: 1. Damaged portion of Air duct (above 251mm) to be removed by gas cutting. 2. A patch plate to be welded on the duct or a portion of duct to be fabricated and replaced. 3. Duct to be replaced along with suitable flanges and gaskets free of air leakage. 4. Painting with one coat of red-oxide and two coats of white paint for the replaced area. 5. For removing & re-fixing of air duct, wherever overhead crane facility is available, the same if required will be provided by BHEL free of cost. Note: To Quote for 1 m length of duct repaired /replaced up to 251mm diameter.	20 M
80	Repair of Damaged Air bend pipe near burner: Work content: 1. Damaged bend pipe connecting the burner and air header to be removed. 2. New bend pipe to be fabricated and to be replaced in place of damaged one. 3. Wherever it is possible, patch work shall be done as per the instruction of MMO supervisor. 4. Bend pipes to be replaced along with suitable flanges and gaskets to avoid air / flame leakage. 5. Painting with one coat of red-oxide and two coats of white paint for the replaced bends. Note: To Quote for repairing / replacement of 1 bend pipe.	20 NO
90	Servicing of Wheel type Air Valves: Work content: 1. Removal of the damaged Air valves from the pipe lines in the furnace 2. Dismantling of valve completely. 3. Removing the rust & burrs in the links, body and seat using kerosene, emery, wire brush or grinding. 4. Cleaning and de-burring the threaded stem and mating nut of the valve. 5. Assembling of valve with proper grease packing and ensuring smooth sliding of valve seat. 6. Mounting the serviced valve in its original position with proper gasket, free of air leakage at the joints. 7. Painting with one coat of Black paint. Note: To Quote for servicing & mounting of 1 valve.	20 NO

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Sl. No	SCOPE OF WORK	QTY
100	Servicing of Butterfly Air Valves (Up to 8-inch size): Work content: 1. Removal of the damaged butterfly type Air valves and connected links near the burners. 2. Dismantling of valve completely. 3. Removing the rust & burrs in the links, body and flapper using kerosene, emery, wire brush or grinding. 4. Cleaning the valve stem and mating bush of the valve. 5. Assembling of valve with proper greasing and ensuring smooth operation of the flapper & handle. 6. Ensure the handle should hold at any intermediate position. 7. Mounting the serviced valve in its original position with proper gasket free of air leak and ensuring free movement links. 8. Painting with one coat of Black paint. Note: To Quote for servicing & mounting of 1 valve (size up to 8").	50 NO
110	Servicing of Butterfly Air Valves (Above 8 inch size): Work content: 1. Removal of the damaged butterfly type Air valves in the furnace and connected operating links. 2. Dismantling of valve completely. 3. Removing the rust & burrs in the links, body and flapper using kerosene, emery, wire brush or grinding. 4. Cleaning the valve stem and mating bush of the valve. 5. Assembling of valve with proper greasing and ensuring smooth operation of the flapper & handle. Also ensure holding of handle at any intermediate position. 6. Mounting the serviced valve in its original position with proper gasket, free of air leakage and ensuring free movement of links. 7. Painting with one coat of Black paint. Note: To Quote for servicing & mounting of 1 valve (size above 8").	10 NO
120	Fabrication of SS plates in the shape of Furnace castings (Front wall, Side wall and bogie castings). Work content: 1. Marking to the required size on the raw material (SS plate thickness 6 to 10 mm). 2. Movement of raw material plate to shearing machine and bringing them back to the furnace. 3. Fabrication of cut plates to the required shape including provision of mounting holes. Note: 1) The shearing of SS plate to the marked size, welding generator for SS welding and drilling machine for drilling holes will be provided by BHEL free of cost. 2) To Quote for 1 Sq. mtr. of fabrication.	10 M2

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Sl. No	SCOPE OF WORK	QTY
130	Fabrication of structure as per drawing (Drawing will be given by area at the time of work): Work content: 1. Collection of raw materials from stores and movement to the site identified by BHEL. 2. Fabrication of structure as per the drawing. 3. Painting with one coat of red oxide and two coats of heat resistant aluminum paint. Note: To Quote for fabrication rate per ton. General Conditions for all items : 1. All Castings required above works will be provided by BHEL free of cost. 2. All the Raw materials including fasteners required for fabrication will be provided by BHEL free of cost. 3. Required assistance for removal and rebuilding of refractory materials will be provided by BHEL free of cost. 4. All consumables like welding electrode, oxygen, acetylene Gas, Aluminum paint, Red oxide, enamel paint, grease, grinding wheel, wire brush, paint brush, compressed air, Electricity, etc. will be provided by BHEL free of cost. 5. Contractor should bring Welding set with cable (Suitable for welding up to 4mm Electrode), Cutting set, Tools & Tackles required for this work with proper gate entry. 6. Hand trolley for material movement will be provided by BHEL free of cost. 7. For welding SS material welding machine will be provided by BHEL free of cost. 8. Contractor should engage sufficient & skilled manpower so that the work shall be completed in a short duration as per the plan of MMO Supervisor. 9. All the movement of raw materials to be done by the contractor. 10. The scraps and debris formed during execution of work should be moved to respective waste bins and the execution area near the furnace should be cleaned before handing over the furnace. 11. Contractor should adhere to all the Safety precautions. Safety belt has to be arranged by Contractor were working at height requires. 12. Contractor should be able to carry out the work immediately within a short notice of one day. Contractor must deploy manpower in suitable shifts (Both day and night shifts) so that the work should be carried out on 24 hrs. basis. 13. Contractor should visit the Furnace through Executive / Supervisor / MMO - Bldg. 50 shop before quoting to assess the quantum of work.	20 MT

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GENERAL TERMS AND CONDITIONS FOR M&S MECHANICAL CONTRACTS

- 1) The workmen of contractor should be covered under PF/ESI, etc as per labor laws.
- 2) Safety precautions have to be ensured by the Contractor Depending on the work nature. Necessary work permit system and personal protective equipment's (PPE) such as electrical resistance rubber gloves, helmet, spectacle goggles, safety shoes, safety belt etc. as applicable to Mechanical works should be adhered while carrying out the work.
- 3) PPES for appropriate trade job has to be ensured by the contractor at the job site at all times.
- 4) The contractors may visit the area to assess the quantum of work before quoting.
- 5) The contractor should mention the point to point confirmation.
- 6) Contractor should commit for Terms and Conditions of the enquiry otherwise the offer shall be liable for rejection.
- 7) **TWO PART BID SYSTEM:** Contractor should send their offer for two part bid system as below
- 8) Contractor may visit BHEL Trichy premises to get acquaintance with quantum of day to day work before quoting.
- 9) The contractor should quote the exact time required to complete the work in their offer.

TENDERING CONDITIONS:

- a) The Bidders shall submit the offer in TWO PART BID SYSTEM (Part -I & II) along with EMD as indicated below which shall be sealed in ONE OUTER ENVELOPE.
- b) Envelope I- This sealed envelope should contain all the copies of technical bid together with un-priced commercial bid. This envelope should be clearly marked "Part I - Technical and commercial bid", indicating Enquiry No., Due Date and Address & Reference of the Bidder. Envelope I should contain sealed EMD cover indicating the enquiry detail.
- c) Envelope II - This sealed envelope should contain price details. This envelope should be clearly marked as - "Part -II Price bid", indicating Enquiry No., Due Date and Address & Reference of the Bidder.
- d) Envelope III - This sealed envelope should contain requisite **EMD**. This envelope should be clearly marked as - "EMD COVER", indicating Enquiry No., Due Date and Address & Reference of the Bidder.
- e) All the three envelopes shall be put in one cover, duly sealed, super scribing as offer for Enquiry No., and due date of opening, Name of the work and the address and reference of the Bidder.
- f) The offer should reach this office on or before the due date by 14.00 Hrs. (IST). Late offers will not be considered.

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g) Tender should not be addressed to any Individual's name but only by designation to:

THE Sr. ENGINEER,
MAINTENANCE & SERVICES / CONTRACTS,
2&4 BUILDING,
BHARAT HEAVY ELECTRICALS LIMITED,
HIGH PRESSURE BOILER PLANT,
TIRUCHIRAPALLI - 620 014.
TAMIL NADU, INDIA.

- h) Tenders should be free from CORRECTION AND ERASURES, Corrections if any, must be attested. All amounts shall be indicated both in words as well as in figures. Where there is difference between amount quoted in words and figures, amount quoted in words shall prevail.
- i) Offers should be in ENGLISH and accompanied by detailed Point to point confirmation of the scope of work.

OPENING OF TENDERS:

- a) The Part I - Technical & un-priced commercial bid and EMD Cover alone would be opened on the Tender opening date (as mentioned in the enquiry) by 14.30Hrs(IST)
- b) The Part II - Price bid of technically suitable Bidders alone would be opened. The Technically Suitable Bidders would be informed about the Price bid opening date.
- c) Clarifications if any required by BHEL for Technical evaluation would be sought from Bidders before opening of Part II - price bid.

GST:

- Response to Tenders for Contractor will be entertained only if the vendor has a valid GST registration no which should be clearly mentioned in the offer. If any specific exemption is available, a declaration with due supporting documents need to be furnished for considering the offer.
- Contractor shall mention their GSTN registration number in all their invoices and invoices shall be in the format as specified/prescribed under GST laws. Invoices shall necessarily contain Invoice number (in case of multiple numbering system is being followed for billing like SAP invoice no, commercial invoice no etc., then the Invoice No which is linked/uploaded in GSTN network shall be clearly indicated), item description as per PO, Quantity, Rate, Value, applicable taxes with nomenclature (like IGST, SGST, CGST & UTGST) separately, HSN/ SAC Code, etc.
- All invoices shall bear the HSN Code for each item separately (Harmonized System of Nomenclature)/ SAC code (Services Accounting Code).

LD CLAUSE:

If the contractor fails to complete the work as per terms & conditions of the order within the delivery schedule, 0.5% of the order value will be deducted for each week of delay or part thereof subject to a maximum of 10% of the total contract value.

IMPORTANT NOTE: IF THE CONTRACTOR PERFORMANCE NOT ABLE TO FULFILL AS PER ENQUIRY

REQUIREMENT, THEN THE CONTRACT SHALL BE SHORT CLOSED AT ANY TIME.

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COMMERCIAL TERMS AND CONDITIONS FOR M&S MECHANICAL CONTRACTS

- 1) 100% payment will be made after completion of entire work pro-rata basis on submission of invoice in triplicate duly certified by Area In – charge.
- 2) Attendance register should be maintained.
- 3) EMD is to be submitted and is to be remitted in cash (as permissible under Income Tax Act)/Electronic Fund Transfer credited in BHEL account before tender opening or Banker's cheque/Pay order/Demand Draft in favor of M/S BHEL Trichy along with offer. **Offers without EMD shall be liable for rejection.**
- 4) Security Deposit shall be furnished by the successful vendor to the total contract value before starting the work. The total amount of Security Deposit will be 5% of the contract value. EMD of the successful tenderer shall be converted and adjusted towards the required amount of Security Deposit. SD is forfeited in case of any failure in execution of the contract or due to any shortcomings observed in the documentation furnished earlier for getting qualified or in case the Contractor is banned.
- 5) An additional payment as per circular ref. BHE/HR/W/EW/31.03.2017 is to be paid to the contract workmen as below, over and above the minimum wages prescribed by the government of Tamil Nadu:
Unskilled - Rs.3690/-
Semiskilled - Rs.3990/-
Skilled - Rs.4170/-
- 6) Bonus @ 8.33 % to workmen to be paid.
- 7) The vendor shall only quote percentage rate as mentioned in the price bid format.
- 8) Taxes if any will be mentioned separately in the offer.
- 9) The rate that is offered should be comprehensive and no separate charges will be made towards expenses like travel, boarding and lodging.
- 10) The contractor should quote the validity of the offer.
- 11) If two or more vendors offer the same rate, negotiation will be conducted separately.
- 12) The contractor should remit the salary/wages for their workmen only through Bank. Monthly clearance will be given in respect of all contractors, if only the salary/ wages to the workmen has been remitted through the bank account of the contract workmen. The relevant Bank statement/proof for Bank payment should be produced along with PF and ESI challan to Welfare Section every month.

Sign & Seal of Contractor

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)) _____ dt. _____, 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):

₹ _____ Lacs

2. 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):

₹ _____ Lacs

(Strike off whichever is not applicable)

The above investment of ₹ _____ Lacs is within permissible limit of ₹ _____ 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

SCHEDULE FOR PRICE BID

Sub: **AMC FOR ALL FURNACES – MECHANICAL MAINTENANCE AVAILABLE AT BUILDING 50 – Reg.**

Ref: Enquiry no: 9241700041 Dated: 20/11/2017. Due date: 13/12/2017, 14.00 Hrs.

Item No	Description	Qty	UOM	Rate	Value
10	Replacement of Furnace Shell Plate	40	M2		
20	Removal and re-assembly of Furnace Door	10	NO		
30	Castings Replacement in furnace walls & door	30	M		
40	Sand sealing Replacement in Bogie / Hearth	35	M		
50	Bogie / Hearth Castings Replacement	40	M		
60	Repair of Damaged Air Duct (dia. up to 250mm)	20	M		
70	Repair of Damaged Air Duct above 251mm	20	M		
80	Repair of Damaged Air bend pipe near burner	20	NO		
90	Servicing of Wheel type Air Valves	20	NO		
100	Servicing of Butterfly Air Valves (Up to 8-inch size)	50	NO		
110	Servicing of Butterfly Air Valves (Above 8 inch size)	10	NO		
120	Fabrication of casting plates using SS.	10	M2		
130	Fabrication of structure as per drawing	20	MT		
	TOTAL				

- ❖ **Individual L1 will be considered for (Item SI. No. 20 -30), (Item SI. No. 40-50) & Cumulative L1 will be considered for (Item SI. No. 10, 60, 70, 80, 90,100,110,120,130)**
- ❖ **Taxes if any should be quoted extra.**
- 1) Payment terms: Payment will be made after completion of work on pro rata basis on submission of invoice in triplicate duly certified by Engineer in Charge.
- 2) Tax deduction will be made from every bill at the prevailing rate as per the Government rule and regulation from time to time.
- 3) Detailed scope of work and other terms and conditions are specified in the Technical Bid of the Tender.

Sign & Seal of Contractor