



An ISO: 9001
Organization

BHARAT HEAVY ELECTRICALS LIMITED

High Pressure Boiler Plant, Tiruchirappalli- 620014

Maintenance & Services Dept. (FB)

• ☎: (0431) 257-8119 Fax: (0431) 257-6805

e-mail: danasekar@bhel.in

Enq. No: 9241900056

24.09.2019

NOTICE INVITING TENDER

Dear Sir/ Madam,

Subject: Two Part Tender Inviting Techno-commercial and Price Bids for **1)AMC for oil top-up and cleaning of hydraulic tanks, lubrication tanks, telescopic covers and gear boxes in all machines at bay 1-12,1A/1B, Bldg-1. (2) AMC for lubrication and hydraulic oil top up for bldg.-6,7,3 & facility shop. (3) AMC for lubrication and hydraulic oil top up for bldg.-5.(4) AMC for oil top-up and cleaning of the machines at Unit-II.** Please submit your competitive offer for the above subject work as per the conditions given in the WORK/ RATE SCHEDULE and tender conditions enclosed along with the tender.

01.	Name of work	1)AMC for oil top-up and cleaning of hydraulic tanks, lubrication tanks, telescopic covers and gear boxes in all machines at bay 1-12,1A/1B, Bldg-1. 2) AMC for lubrication and hydraulic oil top up for bldg.-6,7,3 & facility shop. 3) AMC for lubrication and hydraulic oil top up for bldg.-5. 4)AMC for oil top-up and cleaning of the machines at Unit-II.
02.	Earnest Money Deposit (EMD)	₹ 19,462.00/-
03.	Duration of the contract	1 year (From the date of commencement of the work)
04.	Enquiry No. & Date	9241900056, dt.24.09.2019
05.	Last Date for Receipt of Tender	14.00 Hrs. on 16.10.2019
06.	Date of Technical Bid Opening	14.30 Hrs. on 16.10.2019
07.	Date of Price Bid Opening	Will be intimated to those who are Qualified separately.
08.	Guarantee Period	Not applicable

1. The Tender documents can be downloaded from BHEL website (http://www.bhel.com/tender/tender_home.php) free of cost.

2. Tender document contains **19 Pages** (Technical & Commercial Bid – 15 pages, Schedule for Price Bid 01 page, Sample format for CA certificate – 01 page).

3. The duly filled Tender should be addressed to:

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

Special Instructions:

Tender of the following work should be submitted in a sealed cover super- scribing the NAME OF WORK, ENQUIRY NUMBER, etc., consisting of **three inner sealed covers** super-scribed such as **1) EMD cover, 2) Technical bid cover & 3) Price bid cover.**

1) EMD cover shall contain EMD of **₹19,462.00/-** Mode of Payment of EMD: (a) e-Collect mode (as directed in Commercial T & C) or (b) Banker's cheque/ Pay Order/ DD in favour of BHEL or (c) Fixed Deposit Receipt (FDR) issued by Scheduled Banks/ Public Financial Institutions as defined in the Companies act (FDR should be in



An ISO: 9001
Organization

BHARAT HEAVY ELECTRICALS LIMITED

High Pressure Boiler Plant, Tiruchirappalli- 620014

Maintenance & Services Dept. (FB)

• ☎: (0431) 257-8119 Fax: (0431) 257-6805

[e-mail: danasekar@bhel.in](mailto:danasekar@bhel.in)

the name of the Contractor, a/c BHEL). EMD shall not carry any interest.

- 2) Bidders registered as **MSE (UAN) / NSIC / SSI** are exempted from paying EMD subject to submission of valid Registration document along with Tender. These bidders can avail EMD Waiver benefits only if they submit in EMD cover along with the offer, attested copies of either valid **EM-II** Certificate (five years from the date of issue of acknowledgement in EM-II or else, with attested copy of a CA Certificate in Enclosed Format) or **MSE (UAN- along with CA certificate in attached format)/ valid NSIC / SSI** certificate.
- 3) **Tenders without EMD/ MSE/ NSIC/ SSI/ EM-II proof as above will be summarily rejected and the Technical bid & Price bid shall not be considered for further evaluation.**
- 4) 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 Criteria (PQC)**. Any bid without proper documentary evidence for PQC shall not be considered for further evaluation.
- 5) One set of unpriced bid of Contract Work Schedule **duly filled & signed** by the tenderer for accepting the work content (Bill of Quantity- BoQ), should be submitted along with the Technical bid for technical evaluation. All the corrections / cancellations / insertions, if any, shall be duly attested by the Bidders concerned.
- 6) Should a tenderer find discrepancies or omissions in the tender documents, or should there be any doubt as to their meaning, he should at once address the authority inviting the tender, for clarification well before the due date, so as to submit his tender in time. No extension of time shall be given for submission of the tender on any account.
- 7) All entries in the tender documents should be in one ink. Erasures, and overwriting are not permitted. All cancellations, and insertions should be duly attested by the tenderers concerned.
- 8) Offer should be **valid** for a period of **120 (One Hundred & Twenty) days** from Techno-commercial bid opening date.
- 9) The Bidder shall sign each and every page of tender documents, and affix seal for having accepted the conditions.
- 10) Tender can be cancelled at any stage due to unavoidable circumstances.
- 11) **Forfeiture of EMD:** EMD paid by the Tenderer will be forfeited as per Tender Documents if:
 - I. After opening the tender and within the offer validity period, the tenderer revokes his tender or makes any modification in his tender which is not acceptable to BHEL.
 - II. The Contractor fails to deposit the required Security deposit or commence the work within 15 days of LOI/ WO/ Contract.
- 12) I. EMD given by all unsuccessful tenderers shall be refunded after of award of work/ after offer validity period.
II. EMD shall not carry any interest.
III. EMD of successful tenderer will be retained as part of Security Deposit.
- 13) The price bid cover shall contain price bid document in prescribed format **duly filled & signed by the tenderer** in all the pages. Care should be taken to fill the price bid without any overwriting & correction. Correction, if any, shall be duly attested by the Bidders concerned.
- 14) Clarification if any can be obtained from the Deputy Manager/ Contracts/ M&S, BHEL, Trichy.
- 15) The complete Technical bid and price bid along with requisite **EMD of ₹19,462.00/-** shall reach the office of the undersigned on or before **16.10.2019** at 14.00 Hrs.
- 16) 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 due date of receipt of offers and opening of the tender shall automatically fall on the same timing of the next working day unless intimated otherwise. 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.



An ISO: 9001
Organization

BHARAT HEAVY ELECTRICALS LIMITED

High Pressure Boiler Plant, Tiruchirappalli- 620014

Maintenance & Services Dept. (FB)

• ☎: (0431) 257-8119 Fax: (0431) 257-6805

e-mail: danasekar@bhel.in

Encl:

- 1) NIT – Notice Inviting tender (Consists of Preamble, Technical Bid & Price bid Schedule)
- 2) CA certificate – Sample Format

PRE-QUALIFICATION CRITERIA

NAME OF WORK: 1)AMC for oil top-up and cleaning of hydraulic tanks, lubrication tanks, telescopic covers and gear boxes in all machines at bay 1-12,1A/1B, Bldg-1.

2) AMC for lubrication and hydraulic oil top up for bldg.-6,7,3 & facility shop.

3) AMC for lubrication and hydraulic oil top up for bldg.-5.

4)AMC for oil top-up and cleaning of the machines at Unit-II.

Ref: Enquiry no: 9241900056: dt. 24.09.2019; Due dt.**16.10.2019**, 14.00 Hrs

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

Sl. No	Description	Vendor to confirm
1	Only those BIDDER/SERVICE PROVIDER who have minimum one year experience in Executing Maintenance Contract / Fabrication / Maintenance of machine /Facilities in any Engineering in the last five years (from the date of tender opening) are eligible to participate in the tender.Documentary proofs/Xerox copies of the POs proving the same are to be enclosed.Otherwise offer is liable for rejection. Experience proof from other than BHEL shall contain work order copy along with Form 26AS / TDS certificate / bank statement for payment from the organisation. Otherwise the offer shall be rejected.	
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 give details.	
3	(i) BHEL Vendor code (if applicable) - (ii) PAN Number (Copy to be Enclosed) – (iii) GST registration Number (Copy to be Enclosed) – (iv) Mobile number (Which is linked to GST registration Number) – (v) Email id (Which is linked to GST registration Number) – (vi) HSN/SAC Code - Offer will be entertained only if the bidder 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.	
4	Bidder to specific applicable GST in percentage (Only GST in %)	
5	Acceptance for Scope of Work as per the Enquiry.	
6	Acceptance for All Terms & Conditions as per the Enquiry; viz. Safety, LD/Penalty, Risk Purchase, Suspension of Contract, Indemnity, BHEL Fraud Prevention Policy, etc. as given in “General Terms & Conditions”.	
7	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.	



An ISO: 9001
Organization

BHARAT HEAVY ELECTRICALS LIMITED

High Pressure Boiler Plant, Tiruchirappalli- 620014

Maintenance & Services Dept. (FB)

• ☎: (0431) 257-8119 Fax: (0431) 257-6805

e-mail: danasekar@bhel.in

SCOPE OF WORK

- NAME OF WORK:** 1)AMC for oil top-up and cleaning of hydraulic tanks, lubrication tanks, telescopic covers and gear boxes in all machines at bay 1-12,1A/1B, Bldg-1.
 2) AMC for lubrication and hydraulic oil top up for bldg.-6,7,3 & facility shop.
 3) AMC for lubrication and hydraulic oil top up for bldg.-5.
 4) AMC for oil top-up and cleaning of the machines at Unit-II.

Ref: Enquiry no: 9241900056: dt. 24.09.2019; Due dt. 16.10.2019, 14.00 Hrs

Sl.No	SCOPE OF WORK	Qty
10	AMC for oil top-up and cleaning of hydraulic tanks, lubrication tanks, telescopic covers and gear boxes in all machines at bay 1-12,1A/1B, Bldg-1.	12 NO
	<p>AMC for oil top-up and cleaning of Hydraulic tanks, Lubrication tanks, Telescopic covers and Gear boxes in all machines at Bay 1-12 and 1A/1B, Bldg-1.</p> <p>No of Hydraulic power pack tanks:68 No of Lubrication tank:70 No of Gear boxes : 196 Grease points: 300 Nos No. of machines: 123 Machines all bays Bldg.-1</p> <p>Scope of Contract for oil top-up:</p> <ol style="list-style-type: none"> 1.Check the oil level in the various tanks and top up them as necessary with the correct grade of oil as identified for each tank.Also check all the grease points and fill the grease wherever required. 2.Maintain record of Oil filling - machine wise as per BHEL format. 3.Fill oil in the tanks when there is unexpected leakage due to hose/line failures at any time. 4.Check the system daily for any leakage of oil and the leakages should be arrested. Inform the same to the MMO Supervisor (by way of recording in the register). 5. Completely drain the oil in the Hydraulic tank in case of any sporadic contamination, clean the tank and fill with new oil. 6.Provide unskilled assistance in movement of oil barrels from stores to the work area and waste oil to disposal stores/reclamation area. 7.For newly commissioned machines if any during the contract period, oil top-up, continuous monitoring & maintain records should also be carried out. <p>NOTE FOR OIL TOP-UP:</p> <ol style="list-style-type: none"> 1) Activity 1 to 7, to be carried out on daily basis. 2) Any spillage of oil on the floor due to leakage / topping up etc to be cleaned by the contractor. 3) The oil storage room should be maintain neatly and keep the oil barrel in grade wise properly. 4) Contractor shall execute above work on every working day. <p>Scope of work for cleaning of Hydraulic power pack, Lubrication tanks,Telescopic covers & Gear boxes.</p> <ol style="list-style-type: none"> 1.Clean all the hydraulic power packs systems (involving tanks, pumps, valves,manifold blocks, motors, pipelines, gearboxes, filters, gauges,etc.)free of dust & check oil in each machine. 	



An ISO: 9001
Organization

BHARAT HEAVY ELECTRICALS LIMITED

High Pressure Boiler Plant, Tiruchirappalli- 620014

Maintenance & Services Dept. (FB)

• ☎: (0431) 257-8119 Fax: (0431) 257-6805

[e-mail: danasekar@bhel.in](mailto:danasekar@bhel.in)

	<p>2.Clean all lubrication tanks,its distributor blocks and line free of dust and check for oil leak if any.</p> <p>3.Clean all telescopic covers in the machine free of dust and lubricate them with oil for free movement.</p> <p>4.Clean all gear box in the machines free of dust and check of oil level and leakage if any.</p> <p>6.Clean the area underneath and around the hydraulic / lubrication system, pipelines, valves free of leakage oil.</p> <p>7.Check the system for any leakage of oil by switching ON the hydraulic / lubrication system with the help of operator and arrest all minor leakages, which can be done by tightening the fittings immediately, for which the hand tools will be provided by BHEL free of cost.</p> <p>8. Submit the record of cleaning cycle completion status in the BHEL format to the MMO Supervisor.</p> <p>9. Any leakages involving replacement of spares for arresting should be informed to the MMO Supervisor (by way of recording in the register).</p> <p>Note for cleaning:</p> <p>1) Activity 1 to 9, to be carried out in identified machines as per list two times in one month.</p> <p>2) First cleaning should be completed within first 15 days of the month and the second cleaning should be done in the next 15 days of the month. The second cleaning should start after completion of first cleaning.</p> <p>General Note:</p> <p>1) To Carry out the above all activities for one month is considered as one cycle and the bill for each cycle shall be claimed as and when the work is completed for each cycle. 12 such cycles to be carried out in a one year period.</p> <p>2) Contract period is one year .</p> <p>3) The contractor must visit BHEL, Trichy and discuss with Bldg-1, M&S maintenance Executives for better understanding of scope of work before giving quotation.</p> <p>BHEL SCOPE OF SUPPLY:</p> <p>BHEL shall provide the following at free of cost:</p> <p>1. Handling facility like trolley for movement of barrels.</p> <p>2. Required consumables like cotton waste, kerosene, dungry cloth, fasteners,etc .</p> <p>3. Oil filtering equipment for filtering and cleaning the oil.</p> <p>4. Respective grade of oil and grease.</p>	
20	AMC for lubrication and hydraulic oil top up for bldg.-6,7,3 & facility shop.	12 NO
	<p>LUBRICATION & HYDRAULIC OIL TOP-UP AND CHANGING OF OIL IN POWERPACKS AND OTHER OIL RELATED WORKS AND GREASING IN MACHINES AT BUILDING NO-6 AND ANNEX BUILDINGS(BLDG NO 3,7,87,CARPENTRY SHOP AND TRANSPORT).</p> <p>SCOPE OF WORK:</p> <p>The scope involves maintenance of Hydraulic and Lubrication systems in all machines, furnaces, positioners, etc. in all (8) bays of Bldg 6 and annex areas. Annex Areas includes building-3, 7, 87, carpentry shop and transport maintenance shop.</p> <p>Total No of Hydraulic tanks - 100 Total No of Lubrication Tank - 300 Greasing Points- 200 (Approximately) Total no of machine to be covered – 180</p>	



An ISO: 9001
Organization

BHARAT HEAVY ELECTRICALS LIMITED

High Pressure Boiler Plant, Tiruchirappalli- 620014

Maintenance & Services Dept. (FB)

• ☎: (0431) 257-8119 Fax: (0431) 257-6805

e-mail: danasekar@bhel.in

WORK DETAIL:

- 1) Monitor the oil level in Hydraulic & Lubrication tanks in all the machines in a scheduled pattern and fill the tanks wherever oil level is found lower than the indicated full level marking.
- 2) The oil top up should be done according to the list of oil points provided to contractor.
- 3) The contractor should cover all the machines/equipment and furnaces in all the 8 bays and annex buildings on daily basis including Sundays.
- 4) The oil should be filled as per the recommended grade as specified in the Tanks or as per instruction of Supervisor / MMO.
- 5) Check the hydraulic and lubrication system daily for any leakage of oil and the leakages should be arrested. Inform the same to the MMO Supervisor (by way of recording in the register).
- 6) Before and after filling-up, the outer surface of the Hydraulic/Lubrication system (Tank+ Valves+ piping up to the machine) and surrounding oil spilled area should be cleaned thoroughly.
- 7) If any contamination of oil observed, the same has to be completely drained and collected in barrel. And new oil has to be filled after completely cleaning the tank with kerosene.
- 8) The Filters if available inside should also be removed and cleaned and fitted again.
- 9) The waste oil collected in barrels shall be stored in separately in the waste oil area. Proper record for the waste oil should be maintained.
- 10) Movement of such drained oil filled barrels to Oil Reclamation Cell near Drum-shop is to be done by the Contractor.
- 11) Maintain the Oil Log Book giving details of oil filled - machine wise as per the guidelines of SUPERVISOR/MMO/M&S.
- 12) Movement of oil from a centralized area in the Building to various machines and from Inflammable store to respective building is the responsibility of the Contractor.
- 13) For newly commissioned machines if any during the contract period, oil top-up, continuous monitoring & maintain records should also be carried out.
- 14) Greasing of machines, furnace plummer blocks, etc are to be neatly done with manual grease gun as per instruction of Supervisor /MMO/M&S.
- 15) After completing the day the filled oil quantity and the balance oil quantity have to be mentioned in logbook grade wise.
- 16) Lubricant management related documents as instructed by MMO supervisor have to be maintained and should be produced by the contractor at the end of every month to area supervisor for oil auditing.
- 17) The contractor shall ensure minimum of two persons/per day (one semi skilled and one unskilled) available in shopfloor during all the working days to cover all the areas for lub and hydraulic oil top up and cleaning.
- 18) Carrying out the above activity for one month is considered as one cycle and the bill for each cycle shall be claimed as and when the work is completed for each cycle. 12 such cycles to be carried out in a year period.

GENERAL NOTE:

- 1) The Hydraulic and Lubrication oils of all required grades and grease will be provided by BHEL at free of cost.
- 2) The consumables like Cotton waste, Kerosene, Dungry Cloth required for the above work will be provided by BHEL free of cost.



An ISO: 9001
Organization

BHARAT HEAVY ELECTRICALS LIMITED

High Pressure Boiler Plant, Tiruchirappalli- 620014

Maintenance & Services Dept. (FB)

• ☎: (0431) 257-8119 Fax: (0431) 257-6805

e-mail: danasekar@bhel.in

	<p>3) For movement of oil barrels, required transport facility will be provided by BHEL free of cost.</p> <p>4) The Contractor should maintain the Oil Storage area neatly as per the instruction of Executive/Supervisor of MMO.</p> <p>5) 100% payment shall be made on pro-rata basis after duly certified by the area executive.</p>	
30	AMC for lubrication and hydraulic oil top up for bldg.-5.	12 NO
	<p>Scope of work: The scope involves maintenance of Hydraulic and Lubrication systems in all machines in all bays and welding positioner of Bldg 5. Hydraulic tanks: 80 Lubrication tanks: 450</p> <p>WORK DETAIL:</p> <p>1) Monitor the oil level in Hydraulic & Lubrication tanks in all the machines in a scheduled pattern and fill the tanks wherever oil level is found lower than the indicated full level marking.</p> <p>2) The oil top up should be done according to the list of oil points provided to contractor.</p> <p>3) The contractor should cover all the 6 bays and the high bay in one-week time, which is considered as one number(cycle). After completing one cycle, the contractor should repeat the cycle again in the next month.</p> <p>4) The oil should be filled as per the recommended grade as specified in the Tanks or as per instruction of Supervisor / MMO.</p> <p>5) Check the hydraulic and lubrication system daily for any leakage of oil and the leakages should be arrested. Inform the same to the MMO Supervisor (by way of recording in the register).</p> <p>6) Before and after filling-up, the outer surface of the Hydraulic/Lubrication system (Tank+ Valves+ piping up to the machine) and surrounding oil spilled area should be cleaned thoroughly.</p> <p>7) If any contamination of oil observed, the same has to be completely drained and collected in barrel. And new oil has to be filled after completely cleaning the tank with kerosene.</p> <p>8) The Filters if available inside should also be removed and cleaned and fitted again.</p> <p>9) The waste oil collected in barrels shall be stored in separately in the waste oil area. Proper record for the waste oil should be maintained.</p> <p>10) Movement of such drained oil filled barrels to Oil Reclamation Cell near Drum-shop is to be done by the Contractor.</p> <p>11) Maintain the Oil Log Book giving details of oil filled - machine wise as per the guidelines of SUPERVISOR/MMO/M&S.</p> <p>12) Movement of oil from a centralized area in the Building to various machines and from Inflammable store to respective building is the responsibility of the Contractor.</p> <p>13) For newly commissioned machines if any during the contract period, oil top-up, continuous monitoring & maintain records should also be carried out.</p> <p>14) Greasing of machines, furnace plummer blocks, etc are to be neatly done with manual grease gun as per instruction of Supervisor /MMO/M&S.</p> <p>15) After completing the day the filled oil quantity and the balance oil quantity have to be mentioned in logbook grade wise.</p>	



An ISO: 9001
Organization

BHARAT HEAVY ELECTRICALS LIMITED

High Pressure Boiler Plant, Tiruchirappalli- 620014

Maintenance & Services Dept. (FB)

• ☎: (0431) 257-8119 Fax: (0431) 257-6805

e-mail: danasekar@bhel.in

	<p>16) Lubricant management related documents as instructed by MMO supervisor have to be maintained and should be produced by the contractor at the end of every month to area supervisor for oil auditing.</p> <p>17) The contractor shall ensure minimum of two persons/per day (one semi skilled and one unskilled) available in shopfloor during all the working days to cover all the areas for lub and hydraulic oil top up and cleaning.</p> <p>18) Carrying out the above activity for one month is considered as one cycle and the bill for each cycle shall be claimed as and when the work is completed for each cycle. 12 such cycles to be carried out in a year period.</p> <p>GENERAL NOTE:</p> <p>1) The Hydraulic and Lubrication oils of all required grades and grease will be provided by BHEL at free of cost.</p> <p>2) The consumables like Cotton waste, Kerosene, Dungry Cloth required for the above work will be provided by BHEL free of cost.</p> <p>3) For movement of oil barrels, required transport facility will be provided by BHEL free of cost.</p> <p>4) The Contractor should maintain the Oil Storage area neatly as per the instruction of Executive/Supervisor of MMO.</p> <p>5) 100% payment shall be made on pro-rata basis after duly certified by the area executive.</p>	
<p>40</p>	<p>Cleaning and oil Top-up of the M/cs</p>	<p>12 NO</p>
	<p>NAME OF WORK: HYDRAULIC AND LUBRICATION OIL TOP UP IN ALL THE THE MACHINES,GREASING OF MACHINES/FACILITIES AND CLEANING OF HYD/LUB SYSTEMS AT UNIT -II WHICH INCLUDES BLDG NO-107, 108, 117 and 123 (ATP Shop) AS PER THE SCOPE GIVEN BELOW:</p> <p>Scope of work :</p> <p>(i) Cleaning and Lubrication of the hydraulic system of described machines fairly without any oil traces.</p> <p>(ii)Providing Labour Assistance for changing the worn out/damaged components such as oil hoses, valves, high pressure pipe fittings, etc to arrest oil leak.</p> <p>(iii)The Contractor labour shall assit for general maintenance related activities.</p> <p>(iv)Oil top up/change with proper grade of oil in the respective hyd/lub.tanks.</p> <p>(V)The Greasing points of machines/facilities is around 590 nos.</p> <p>(vi))Maintaining records for oil Top-up/change of oil.</p> <p>The following activities are to be carried out by the contractor for the above scope:</p> <p>1.Cleaning all Lubrication and hydraulic tanks, cleaning in and around the machines without oil traces. For each and every machine corresponding hydraulic tanks outside surface, power pack outside surface and Oil control Valves must be cleaned thoroughly.</p> <p>2.All leakage oil shall be collected from machine bottom cellar and pits. The unusable Collected oil shall be stored in separate drums mentioning the oil</p>	



An ISO: 9001
Organization

BHARAT HEAVY ELECTRICALS LIMITED

High Pressure Boiler Plant, Tiruchirappalli- 620014

Maintenance & Services Dept. (FB)

• ☎: (0431) 257-8119 Fax: (0431) 257-6805

e-mail: danasekar@bhel.in

grade which is to be send for reclamation / disposal stores. Machine bottom floor, facility bottom floor and Hyd power pack surrounding area shall be cleaned.

3.All the leakage points like leak in joints, valves, pump gland, power pack tank flange joints ,etc in hydraulic and lubrication system, hydraulic power pack shall be identified during day to day cleaning and informed to the MMO supervisors and note down in the oil log book for arresting the leakage.

Fitter with minium qualification of 10 th std, who shall be able to differentiate various grade of oil (like Spin12, SS 32, SS 46, SS 68, SS 320 and lubricating oil) shall be provided to arrest oil leak with MMO fitter.

4.All machines shall be checked for correct oil level and filling/ topping up to be done in a periodical manner.

5.Changing of Hydraulic and lubricating oil grade is to be decided by MMO supervisors as per requirement.To change/replace the lub/hyd.oil ,the existing oil shall be completely removed and filled in the separate barrels . The hydraulic tank inside, filters and oil level indicators are to be cleaned with dungry cloth and not by cotton waste.Correct grade fresh oil shall be filled up, up to the required level. All top cover of hydraulic /Lub.oil tanks shall be properly tightened with screws.

6.In the similar way, change of oil /oil top-up shall be done for all gear boxes in the machine's facilities area.

7.Empty oil drums must be filled with right grade of used oil and sent to reclamation/disposal stores accordingly.

8.Movement of oil barrels from inflammable stores to Unit- II MMO/(Bldg.107,108,117 and 123 - ATP Shop) and movement of unusable collected oil to Reclamation/disposal store with contractor's manpower.

9.Oil storage area is to be properly cleaned and Empty and full barrels are to be stacked in the respective marked area, stacking the used oil in a separate place as per the instruction of MMO Supervisor.

10.All greasing points in the plummer blocks,pillow blocks, guide ways,machines greasing points are to be filled with necessary grade of grease by manually using grease gun .The greasing scheduling is to be done as per instruction of MMO supervisor.

11.Attendance record for daily manpower, daily log for machine oil /facility cleaning, oil filled/changed/top-up details in each machine is to be recorded in log book, maintained and to be signed by corresponding MMO Supervisors . The MMO supervisor shall maintain a logbook regarding oil receipt,daily consumption and balance of respective grade of oil .

12.Area Maintenance Executive shall review the records periodically.

BHEL SCOPE OF SUPPLY:

BHEL shall provide the following free of cost:

1. Handling facility like trolley for movement of barrels.
2. Required consumables like cotton waste, kerosene, dungry cloth ,fasteners,etc .



An ISO: 9001
Organization

BHARAT HEAVY ELECTRICALS LIMITED

High Pressure Boiler Plant, Tiruchirappalli- 620014

Maintenance & Services Dept. (FB)

•☎: (0431) 257-8119 Fax: (0431) 257-6805

e-mail: danasekar@bhel.in

3.Oil filtering equipment for filtering and cleaning the oil.
4.Respective grade of oil,grease.
5.All necessary Hand tools for arresting oil leak(Like Spanner set, Pipe rinches, Allen Key set , screw Spanners) will be provided by BHEL.
Delivery Schedule of work.
The above work shall be completed within 1 Month covering all 66 machines listed below which is considered as one cycle. 12 such cycle will be carried out in one year. For which required manpower should be deployed in all working days.
Based on need and requirement (nature of certain works involve the need to work on Sunday\Holiday) the Contractor shall deploy manpower on Sunday\Holidays also.
Manpower shall be deployed by the contractor as per the requirements for the above work during emergency requirements.
Total No of cycles: 12
Contract Period : One year

NOTE:

- 1.The area MMO supervisor /Executive shall issue the lubrication schedule to the contractor.
- 2.In case of emergency, the contractor shall top up oil wherever required by the maintenance supervisor.
- 3.NO MACHINE SHALL BE IDLE FOR WANT OF OIL AT ANY POINT OF TIME.IT IS THE RESPONSIBILITY OF CONTRACTOR.
- 4.All Safety precautions should be strictly adhered while executing the work.
- 5.Area MMO supervisor get clearance from the machine operator/production supervisor for cleaning of machine/facilities and allocate the contractor personnel for cleaning the work.

MACHINE TYPE, HYD AND LUB SYSTEM DETAIL IS AS BELOW:

Group I High Bay A (Build-107):

S.No	M/C Type	Bay	Oil Grade	Tank Capacity
1.	ATCEP I	Bay A	S.S 46/S.P12	125 L/10L
2.	ATCEP II	Bay A	S.S 46/S.P12	125 L/10L
3.	NEW ATCEP III	Bay A	S.S 46/S.P12	125 L/10L
4.	STBW I along with RTR	Bay A	S.s 68/S.P12	300 L/10L
5.	STBW II (24m-Bay3)	Bay A	S.S 68/S.P12	300 L/10L
6.	STBW III(72m-Bay5)	Bay A	S.S 68/S.P12	600 L/20L
7.	STBW IV (60m- Bay5)	Bay A	S.S 68/S.P12	75 L/10L
8.	Swaging and Upsetting	Bay A	S.S 68/S.P12	1400 L/10L
9.	NEW MCO (Tube EP Machine)	Bay A	S.S 46	150 L
10.	Tube Roto Blast Sattion I	Bay A	S.S 320/S.P12	100 L/10L
11.	Roto Blast Sattion(NEW)II	Bay A	S.S 46	100 L

Note : STBW machine in bay 1,3 and 5 is with the RTR tube handling system which has to be included.

Group II Bay 1 to 5 (Build-107):

S.No	M/C Type	Bay	Oil Grade	Tank Capacity
------	----------	-----	-----------	---------------



An ISO: 9001
Organization

BHARAT HEAVY ELECTRICALS LIMITED

High Pressure Boiler Plant, Tiruchirappalli- 620014

Maintenance & Services Dept. (FB)

• ☎: (0431) 257-8119 Fax: (0431) 257-6805

e-mail: danasekar@bhel.in

1. 20 Torch MPM	Bay 1	S.S 32/320	100 L/180L
2. NEW 20 Torch MPM	Bay 2	S.S 32/320	100 L/180L
3. Panel Bending	Bay 2	S.S 46	1050L
4. Cont. Discharge Furnace	Bay 2	S.S 320	100 L
5. Hydraulic Pullout	Bay 2	S.S 68	250 L
6. Vertical Offset Press	Bay 3	S.S 68/S.P12	800 L/10L
7. Tube squeezing and Sizing press	Bay 3	S.S 46	175 L
8. CCW-CNC Tube Bending (Pines)	Bay 3	S.S 68	800 L
9. CW-CNC Tube Bending (Pines)	Bay 3	S.S 68	800 L
10. High Temperature Furnace	Bay 4	S.S 320	100 L
11. CNC HERBER	Bay 4	S.S 68	410 L
12. Tube squeezing and Sizing press	Bay 4	S.S 46	175 L
13. CW-CNC Tube Bending (Pines)	Bay 4	S.S 68	800 L
14. Flash Butt Welding I	Bay 4	S.S 68	360 L
15. Flash Butt Welding II	Bay 4	S.S 68	360 L
16. SYSTEM BENDER	Bay 5	S.S 46	850 L
Note: For Sl. No. 1 and 2 (20 Torch MPM) Filter cleaning of the machines to be done as per required periodicity and supervisor Instruction			
Group III Bay 1 and 2 (Bldg NO.108):			
S.No	M/C Type	Bay	OilGrade TankCapacity
1.	Radial Drilling machine-BR825	Bay1	SS68/320 1.5/10L
2.	Horizontal bandsaw-DCA421mm	Bay 1	SS 68/SP12 200L/20L
3.	CNC-220 Pipe Chamfering	Bay 1	SS 68/SS32 120 L/5L
4.	SAFOP Pipe Chamfering	Bay 1	SS 68/SP12 200L/40L
5.	Horizontal bandsaw -1050mm	Bay 1	SS 68/SP12 200L/20L
6.	CNC Herber Stub Bending M/c	Bay 1	SS 68/SP12 700 L/40L
7.	CH6-Tube Bending m/c	Bay 1	SS 46 700 L
8.	CNC250PipeBending m/c	Bay 2	SS 46 2100L
9.	1010B- CNC pipe Bend.	Bay 2	SS 46 780 L
10.	WE-265D Pipe Bending	Bay 2	SS 68 600 L
11.	CNC-220 Pipe Chamfering	Bay 2	SS 68/SS32 120 L/5L
12.	CNC-220 pipe Chamfering	Bay 2	SS 68/SS32 120 L/5L
13.	Y3301 Pipe Chamfering	Bay 2	SS68/SW220 320L/420L
14.	Radial Drilling machine-RM65	Bay2	SS68 5L
15.	Ikegai Chamfering machine	Bay2	SS68 30L
Group-IV Bay A,4 and 5 (Bldg 108):			
S.No	M/C Type	Bay	Oil Grade Hyd/Lub TankCap
1.	100T LPG Fired Furnace	Bay A	SM 320 100 L



An ISO: 9001
Organization

BHARAT HEAVY ELECTRICALS LIMITED

High Pressure Boiler Plant, Tiruchirappalli- 620014

Maintenance & Services Dept. (FB)

• ☎: (0431) 257-8119 Fax: (0431) 257-6805

e-mail: danasekar@bhel.in

- 2.CH6-Tube Bending m/c Bay A SS 46 700 L
- 3.CNC600 Pipe Chmf m/c Bay 4 SS 68/SP 12 350L/40L
- 4.Pipe Butt Welding m/c Bay 4 SS 320 40L - 2nos
- 5.SAFOP Pipe Chamfering-600 Bay 3 SS 68/SP12 200L/40L
- 6.Portable Universal drilling machines Bay5 SS 46/320 35/20L -3nos
- 7.10T High Temp.Furnace Bay4 SM 320 80 L
- 8.Radial Drilling machine-RM52 Bay5 SS68 5L
- 9.Radial Drilling machine-RM61 Bay4 SS68 5L

Group-V Bay 1, 2 and Bay A (Bldg 117):

S.No	M/C Type	Bay	Oil Grade	Hyd/Lub TankCap
------	----------	-----	-----------	-----------------

- | | | | | |
|----|-------------------------|-------|--------------|-----------|
| 1. | SYSTEM BENDER | Bay 1 | S.S 46 | 850 L |
| 2. | NEW ATCEP IV | Bay 1 | S.S 46/S.P12 | 125 L/10L |
| 3. | STBW I with RTR THS | Bay 1 | S.s 68/S.P12 | 75 L/10L |
| 4. | STBW II with RTR THS | Bay 1 | S.S 68/S.P12 | 75 L/10L. |
| 5. | Cont. Discharge Furnace | Bay 2 | S.S 320 | 50 L |

Group -VI Bay 1 and 2 (Bldg 123) :

S.No	M/C Type	Bay	Oil Grade	Hyd/Lub TankCap
------	----------	-----	-----------	-----------------

- | | | | | |
|-----|---|-------|----------------|------------|
| 1. | SWAGING MACHINE | Bay 1 | S.S 46/S.P12 | 50 L/50L |
| 2. | OPS COILING MACHINE
- LC 125 | Bay 1 | S.S 320 | 50 L |
| 3. | IPS COILING MACHINE
- BECO | Bay 1 | S.S 320 | 40 L |
| 4. | CNC TUBE COLING MACHINE
- SIGT | Bay 1 | S.S 320 | 25 L |
| 5. | PHEHAKA VERTICAL CUTTING | BAY 2 | S.S 320 /SS 68 | 5 L / 40 L |
| 6. | Double Column drilling
and milling machine | Bay 2 | S.S 68/320/46 | 60 /40/10L |
| 7. | Portable Universal drilling machines | Bay2 | SS 46/320 | 35/20L |
| 8. | Auto Welding machine-SAW | Bay2 | SS320/68 | 20/10L |
| 9. | CNC lathe for Reaming | Bay1 | SS46/68 | 50/3L |
| 10. | Flushing station | Bay1 | SS46 | 10L |

Note: For all the furnace at unit-II all type of blower filters are to be cleaned Once in a cycle



An ISO: 9001
Organization

BHARAT HEAVY ELECTRICALS LIMITED

High Pressure Boiler Plant, Tiruchirappalli- 620014

Maintenance & Services Dept. (FB)

•☎: (0431) 257-8119 Fax: (0431) 257-6805

e-mail: danasekar@bhel.in

GENERAL TERMS AND CONDITIONS FOR M&S MECHANICAL CONTRACTS

1) SAFETY:

a) Safety precautions have to be ensured by the Contractor Depending on the work. 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.

b) PPES for appropriate trade job has to be ensured by the contractor at the job site at all times.

c) The work nature may demand working at heights and/or at depth areas. Hence all staff members must be of sound Physical and Mental Health who can complete the job without harming himself and others.

d) In case any employee found incompetent to carry out the work as stated above/ misbehaving others/ consumed alcohol, he shall be sent out of the factory and the contractor has to arrange alternate manpower immediately. Else the day shall be marked absent.

2) Before quoting the bidders are **advised to inspect the site of work and its environments and be well acquainted with the actual working and other relevant conditions, position of materials and labour.**

Tenderers are also requested to go through General -Terms & conditions, Special -Terms & conditions of Contract, Scope of work, Technical Terms & Conditions, drawings and specifications and all other documents which form part of the agreement to be entered into.

3) 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.

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

THE DEPUTY MANAGER
MAINTENANCE & SERVICES / CONTRACTS, 2&4 BUILDING,
BHARAT HEAVY ELECTRICALS LIMITED, HPBP, TIRUCHIRAPALLI
TAMIL NADU, INDIA - 620 014.

h) All entries in Tender documents shall be clearly written in one ink or typed. 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.

4) 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

Sign & Seal of Contractor



An ISO: 9001
Organization

BHARAT HEAVY ELECTRICALS LIMITED

High Pressure Boiler Plant, Tiruchirappalli- 620014

Maintenance & Services Dept. (FB)

•☎: (0431) 257-8119 Fax: (0431) 257-6805

[e-mail: danasekar@bhel.in](mailto:danasekar@bhel.in)

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.

6. GST:

a) Response to Tenders for Indigenous supplier will be entertained only if the vendor has a valid GST registration No (GSTIN) which should be clearly mentioned in the offer. If the dealer is exempted from GST registration, a declaration with due supporting documents need to be furnished for considering the offer. Dealers under composition scheme should declare that he is a composition dealer supported by the screen shot taken from GST portal. The dealer has to submit necessary documents if there is any change in status under GST.

b) Supplier shall mention their GSTIN in all their invoices (incl. credit Notes, Debit Notes) 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), Billed to party (with GSTIN) & Shipped to party details, item description as per PO, Quantity, Rate, Value, applicable taxes with nomenclature (like IGST, SGST, CGST & UTGST) separately, HSN/ SAC Code, Place of Supply etc.

c) All invoices shall bear the HSN Code for each item separately (Harmonized System of Nomenclature)/ SAC code (Services Accounting Code).

d) Invoices will be processed only upon completion of statutory requirement and further subject to following:

(i) Vendor declaring such invoice in Form GST ANX-1

(ii) Receipt of Goods or Services and Tax invoice by BHEL

e) As the continuous uploading of tax invoices in GSTN portal (in GST ANX-1) is available for all (i.e. both Small & Large) tax payers under proposed new GST Return System, all invoices raised on BHEL may be uploaded immediately in GST portal on despatch of material /rendering of services. The supplier shall ensure availability of Invoice in GST portal before submission of invoice to BHEL. Invoices will be admitted by BHEL only if the invoices are available in GSTN portal (in BHEL's GST ANX-2).

f) In case of discrepancy in the data uploaded by the supplier in the GSTN portal or in case of any shortages or rejection in the supply, then BHEL will not be able to avail the tax credit and will notify the supplier of the same. Supplier has to rectify the data discrepancy in the GSTN portal or issue credit note or debit note (details also to be uploaded in GSTN portal) for the shortages or rejections in the supplies or additional claims, within the calendar month informed by BHEL.

g) In cases where invoice details have been uploaded by the vendor but failed to remit the GST amount to GST Department (Form PMT-08 or Form GST RET-01 to be submitted) within stipulated time, then GST paid on the invoices pertaining to the month for which GST return not filed by the vendor will be recovered from the vendor along with the applicable interest (currently 24% p.a) and all subsequent bills of the vendor will not be processed till filing of the GST return by the vendor

h) In case GST credit is denied to BHEL due to non-receipt or delayed receipt of goods and/ or tax invoice or expiry of timeline prescribed in GST law for availing such ITC, or any other reasons not attributable to BHEL, GST amount claimed in the invoice shall be disallowed to the vendor.

i) Where any GST liability arising on BHEL under Reverse Charge (RCM), the vendor has to submit the invoices to BHEL well within the timeline prescribed in GST Law, to enable BHEL to discharge the GST liability. If there is a delay in submission of invoice by the vendor resulting in delayed payment of GST by BHEL along with Interest, then such Interest payable or paid shall be recovered from the vendor.

j) Under GST regime, BHEL has to discharge GST liability on LD recovered from suppliers/contracts. Hence applicable GST shall also be recoverable from suppliers/contractors on LD amount. For this Tax Invoice will be issued by BHEL indicating the respective supply invoice number.

k) GST TDS will be deducted as per Section 51 of CGST Act 2017 and in line with Notification 50/2018 – Central

Sign & Seal of Contractor



An ISO: 9001
Organization

BHARAT HEAVY ELECTRICALS LIMITED

High Pressure Boiler Plant, Tiruchirappalli- 620014

Maintenance & Services Dept. (FB)

•☎: (0431) 257-8119 Fax: (0431) 257-6805

[e-mail: danasekar@bhel.in](mailto:danasekar@bhel.in)

Tax dated 13.09.2018. GST TDS certificate which will be generated in GST portal subsequent to vendor accepting the TDS deduction in the GST portal, will be issued to the vendor.

7. LD/ PENALTY 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 from the bill/ recovered from the SD for each week of delay or part there of subject to a max. of 10% of the total contract value.

8. Successful bidders have to submit filled forms forwarded by BHEL HR, i.e. Form-III & Form-VII (shall be given with WO copy) & submit to ALC, Pondicherry for License before commencement of work.

9. RISK PURCHASE:

In the event of any successful Tenderer's failure to fulfil any of the Tender / Contract obligations as per Contract / Agreement BHEL may entrust the job to alternate source and get it completed to meet BHEL requirement and additional expenditure, if any, including consequential cost, will be fully recovered from the Tenderer Contractor who failed to complete the job in line with Contract.

The decision of BHEL with regard to the actual losses / consequential expenditures incurred by BHEL shall be final and binding on the Tenderer / Contractor.

10. SUSPENSION OF CONTRACT:

In the event of non-completion of contract/ un-satisfactory performance reported by the area Executive, resulting in cascading of events leading to impact in a negative way on financial/ safety/ procedures of various sections/ departments, the contract shall be terminated immediately with intimation and action shall be taken against the contractor as per the extant 'Guidelines for Suspension of business dealings with Suppliers/ Contractors'.

11. INDEMNITY:

The Contractor shall have to indemnify BHEL against all claims for injury or damage to any person or property caused by his negligence or negligence of his employees whilst in BHEL premises / sites.

13. BHEL FRAUD PREVENTION POLICY:

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> & shall immediately bring to notice of BHEL management about any fraud/ suspected fraud as soon as it comes to their notice.

14. PF,ESI:

The workmen of contractor should be covered under PF, ESI

15. DAMAGE & LOSS TO PRIVATE PROPERTY & INJURY TO WORKMEN

The Contractor shall at his own expense reinstate and make good to the satisfaction of the respective area HOD and pay compensation for any injury, loss or damage occurred to any property or rights whatever including property and rights of BHEL (or agents) servants or employee of BHEL, the injury loss or damage arising out of or in any way in connection with the execution or purported execution of the contract and further the contractor shall indemnify BHEL against all claims enforceable against BHEL (or any agent, servant or employee of BHEL) or which would be so enforceable against BHEL, in respect of any such injury (including injury resulting in death) loss or damage to any person whomsoever or property including all claims which may arise under the Employees Compensation Act or otherwise.

"BHEL shall recover the amount of compensation paid to victim(s) by BHEL towards loss of life / permanent disability due to an accident which is attributable to the negligence of contractor, agency or firm or any of its employees as detailed below.

a) Victim: Any person who suffers permanent disablement or dies in an accident as defined below.

b) Accident: Any death or permanent disability resulting solely and directly from any unintended and unforeseen injurious occurrence caused during the manufacturing/operation and works incidental thereto at BHEL factories/offices and precincts thereof, project execution, erection and commissioning, services, repairs

Sign & Seal of Contractor



An ISO: 9001
Organization

BHARAT HEAVY ELECTRICALS LIMITED

High Pressure Boiler Plant, Tiruchirappalli- 620014

Maintenance & Services Dept. (FB)

•☎: (0431) 257-8119 Fax: (0431) 257-6805

[e-mail: danasekar@bhel.in](mailto:danasekar@bhel.in)

and maintenance, trouble shooting, serving, overhaul, renovation and retrofitting, trial operation, performance guarantee testing undertaken by the company or during any works/during working at BHEL Units/Officers/townships and premises/Project sites

c) Compensation in respect of each of the victims:

(i) In the event of death or permanent disability resulting from Loss of both limbs: Rs 10,00,000/- (Rs Ten lakh)

(ii) In the event of others permanent disability: Rs.7,00,000/- (Rs. Seven Lakh)

d) Permanent Disablement: A disablement that is classified as a permanent total disablement under the proviso to section 2 (l) of the Employee's Compensation Act,1923"

16.ARBITRATION: -

a).All disputes between the parties to the contract, arising out-of or relating to the contract, other than those for which the decision of the EXECUTIVE/BHEL-TRICHY, or Accepting Officer or any other person is by the contract expressed to be final and conclusive shall after written notice by either party to the contract to the other party be referred to the sole Arbitration of GENERAL MANAGER or other Officers of BHEL appointed as Arbitrator, by the GENERAL MANAGER of BHEL in his sole discretion.

b).Unless the parties otherwise agree, such reference shall not take place until after the completion, alleged completion or abandonment of the work of the determination of the contract.

c) The venue of Arbitration shall be such a place or places as may be fixed by the Arbitrator in his sole discretion. The award of the Arbitrator shall be final, conclusive and binding on both parties to the contract.

Sign & Seal of Contractor



An ISO: 9001
Organization

BHARAT HEAVY ELECTRICALS LIMITED

High Pressure Boiler Plant, Tiruchirappalli- 620014

Maintenance & Services Dept. (FB)

•☎: (0431) 257-8119 Fax: (0431) 257-6805

e-mail: danasekar@bhel.in

COMMERCIAL TERMS AND CONDITIONS FOR M&S MECHANICAL CONTRACTS

- 1) 100% payment will be made after completion of entire work on pro-rata basis on submission of invoice in triplicate duly certified by Area In-charge.
- 2) Attendance register should be maintained.
- 3) Payment of **EMD** should be done in the methods given in Spl. Instructions, sl.no.1, page-1 of the NIT.
- 4) Mode of Payment of **Security Deposit**:
 - a) **Bank Guarantee** from Scheduled Banks/ Public Financial Institutions as per Companies Act. Bank Guarantee format should have approval of BHEL or
 - b) **Local Cheques** of Scheduled Banks (subject to realization)/ **Pay Order/ DD/ Electronic Fund Transfer** in favour of BHEL or
 - c) **Fixed Deposit Receipt (FDR)** issued by Scheduled Banks/ Public Financial Institutions as defined in the Companies act (FDR should be in the name of the Contractor, a/c BHEL) or
 - d) **Securities available from Indian Post Offices**, i.e. National Savings Certificates, Kisan Vikas Patras, etc. (held in the name of Contractor furnishing the security & duly endorsed/ pledged, as applicable, in favour of BHEL). While making such payment, Enquiry number should be mentioned in Remark column.
- 5) **Procedure to remit money to BHEL Trichy's Account (e-Collect Mode):**

Login to : <https://www.onlinesbi.com/prelogin/icollecthome.htm?corpID=574693>

 - a) Accept the terms & conditions, click "PROCEED".
 - b) Select State "TAMILNADU" and Institution type "INDUSTRY ". Select "BHEL TRICHY" under "INDUSTRY".
 - c) In the next page, select APPROPRIATE category, fill details correctly & click "SUBMIT".
 - d) If all details entered are correctly populated, click "CONFIRM" to proceed.
 - e) Make payment as per your convenience. (Options available are payment of fees through **SBI Net Banking, State Bank ATM cum Debit Cards / Other Bank Debit / Credit Cards and through SBI Branches**).
 - f) SAVE & Keep the copy of receipt for future reference.
- 6) EMD & SD amount shall not carry any interest.
- 7) 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.
- 8) **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.
- 9) An additional payment as per circular ref. BHEL: HR: W: EW, dt.08.04.2014 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.3200/-
Semiskilled	- Rs.3700/-
Skilled	- Rs.4100/-
- 10) Bonus @ 8.33 % to workmen to be paid.
- 11) **Rate should be quoted as per price bid format.**
- 12) The rate that is offered should be comprehensive and no separate charges will be made towards expenses like travel, boarding & lodging.
- 13) GST not to be included in quoted rate & to mention separately as percentage. Other taxes, if any, are inclusive.
- 14) Tax deduction will be made from every bill at the prevailing rate as per the Government rule and regulation from time to time.
- 15) In case of more than one L1 bidders, BHEL shall ask revised reduced price bids from all such L1 bidders & ranking will be decided based on these revised bids. The new rates quoted should be lower than their previous L1 rates. If L1 could not be decided by this process, ranking will be decided by draw of lots in the presence of all such L1 bidders.

Sign & Seal of Contractor



An ISO: 9001
Organization

BHARAT HEAVY ELECTRICALS LIMITED

High Pressure Boiler Plant, Tiruchirappalli- 620014

Maintenance & Services Dept. (FB)

•☎: (0431) 257-8119 Fax: (0431) 257-6805

e-mail: danasekar@bhel.in

SCHEDULE FOR PRICE BID

- NAME OF WORK:** 1)AMC for oil top-up and cleaning of hydraulic tanks, lubrication tanks, telescopic covers and gear boxes in all machines at bay 1-12,1A/1B, Bldg-1.
2) AMC for lubrication and hydraulic oil top up for bldg.-6,7,3 & facility shop.
3) AMC for lubrication and hydraulic oil top up for bldg.-5.
4)AMC for oil top-up and cleaning of the machines at Unit-II.

Ref: Enquiry no: 9241900056: dt. 24.09.2019; Due dt. **16.10.2019**, 14.00 Hrs

Sl. No	SCOPE OF WORK	Qty	Uo M	RATE/ Per Cycle	VALUE
10	AMC for Lubrication and Hyd oil topup for Bldg-1 (Bay 1-12,1A/1B)	12	NO		-NA-
20	AMC for Lubrication and Hyd oil topup for Bldg.-6,7,3 & facility shop	12	NO		-NA-
30	AMC for Lubrication and Hyd oil topup for Bldg-5	12	NO		-NA-
40	AMC for Lubrication and Hyd oil topup for Unit-II	12	NO		-NA-

- ❖ Itemwise L1 shall be considered for finalizing Order
- ❖ UoM (unit of measurement): NO (Number).
- ❖ One number is considered as one-month cycle
- ❖ The bidder shall quote Rate/ Per Cycle only.
- ❖ Value= Qty x Rate/ Per Cycle
- ❖ GST not to be included in the quoted rate & to be mentioned as a percentage separately.
Other taxes, if any, are inclusive.

**Detailed scope of work and other terms and conditions are specified in the Technical Bid of the Tender.

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:

Name:

(Signature)

Membership number:

Seal of Chartered Accountant