



Bharat Heavy Electricals Limited, Jhansi

Department: Works Engineering And Services
Tender Enquiry No: WEX/TE/TW/22/09 Dated 14.07.2022



TENDER DOCUMENT

For Tender Enquiry No. : WEX/TE/TW/22/09 Dtd. 17.07.2022

For

“Assistance in maintenance work of factory services, machine, plants, equipments, substation equipments, electrical facilities installation, coal & ash handling of boiler, material shifting, handling & drawing preparation, preventive maintenance, preventive & breakdown maintenance of diesel operated Fork-lifters and general upkeep activities in WEX in BHEL Jhansi (Work Contract)”

Contact Person:

Name: Sandeep Singh /Ms Monika
Designation: Sr. Engr. (WEX)/Manager-CCC
Email: singh_sandeep@bhel.in ;
monikav@bhel.in
PH: 0510- 2770001 (extn 2359 or 2414)

Tender Due Date: 02.09.2022, at 13:15 Hrs
Tender Opening Date : 02.09.2022, at 14:00 Hrs

Rev	Short details of revision (In case of revision in tender document, otherwise NA
Date:	

Department: Works Engineering And Services

1

We hereby accepted above (signature & seal of bidder)

Seal & Signature of BHEL contracting authority



Bharat Heavy Electricals Limited, Jhansi

Department: Works Engineering And Services
Tender Enquiry No: WEX/TE/TW/22/09 Dated 14.07.2022

BHEL, PO: BHEL, JHANSI 284120 (UP) **DETAILS OF TENDER DOCUMENT**

Nature of work **Assistance in maintenance work of factory services, machine, plants, equipments, substation equipments, electrical facilities installation, coal & ash handling of boiler, material shifting, handling & drawing preparation, preventive maintenance, preventive & breakdown maintenance of diesel operated Fork-lifters and general upkeep activities in WEX in BHEL Jhansi (Work Contract).**

- 1- BHEL- Jhansi is in the process of finalizing the Works Contract for **Assistance in maintenance work of factory services, machine, plants, equipments, substation equipments, electrical facilities installation, coal & ash handling of boiler, material shifting, handling & drawing preparation, preventive maintenance, preventive & breakdown maintenance of diesel operated Fork-lifters and general upkeep activities in WEX in BHEL Jhansi (Work Contract).**
- 2- The tender document has been detailed as follows:
 - a) Notice Inviting Tender (Annexure A)
 - b) Terms & Conditions and Scope of Work (Annexure B)
 - c) Qualifying Requirements (Annexure C)
 - d) Technical Bid Application (Annexure D)
 - e) Blank Price Bid format (Annexure E(a))
 - f) Price Bid format (Annexure E(b))
 - g) General Terms and Conditions (JHS 2055C R02)
 - h) Form & Format annexures (Annexure I- XIII)

The duly filled in Technical and Price / Rate bids (Annexure D and E (a&b)) separately along with the instructions to the tenders, General Terms and Conditions with the signature of the tender on all the pages and complete in all respects super scribed as **"Quotation for Tender No. WEX/TE/TW/22/09 Dated 17.07.2022"** should reach us in a sealed cover on or before 02.09.2022 **(13.15 hours)** through Registered / Speed post or the same may be dropped in the tender box available at the following address: **(refer GTC ii(c).**

To
Tender Box
Security Control Room/Office
Administrative Building
Bharat Heavy Electricals Limited
Jhansi-284120. UP

Note: 1) Dropping of tender in the Tender Box within schedule time and date is the responsibility of the bidder.
2) Technical bid and price bid should be submitted in separate sealed envelopes, in case the bids founds in one single envelope then the "bids" are liable to be rejected.

2

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Bharat Heavy Electricals Limited, Jhansi

Department: Works Engineering And Services
Tender Enquiry No: WEX/TE/TW/22/09 Dated 14.07.2022

Tender Documents

TENDER ENQUIRY NO: WEX/TE/TW/22/09

DATE: 17.07.2022

CONTENTS:

Sl. No.	Description	Annexure No	Page no
01	Details Of Tender	-	2
02	Notice Inviting Tender	A	4
03	Terms & Conditions and Scope of Work	B	5-15
04	Qualifying Requirements	C	16
05	Technical Bid	D	17-18
06	Blank Price Bid Format	E (a)	19
07	Price Bid Format	E (b)	20
08	General Terms and Conditions	JHS 2055C R02	21-34
09	Form & Format annexures	I-XIII	35-51

NOTICE FOR INVITING TENDER

S. No	Particulars	Details
1	Brief Description of work	Assistance in maintenance work of factory services, machine, plants, equipments, substation equipments, electrical facilities installation, coal & ash handling of boiler, material shifting, handling & drawing preparation, preventive maintenance, preventive & breakdown maintenance of diesel operated Fork-lifters and general upkeep activities in WEX in BHEL Jhansi (Work Contract)
2	Tender Evaluation Criteria	As per GTC point (iv)
3	Duration of Contract	one year
4	Last date of receipt of the Tender	Upto 13:15 hrs on 02.09.2022
5	Date of opening of Techno – Commercial Bid.	14:00 hrs on 02.09.2022
6	Address for submitting the Tender	As per GTC point ii(c)
7	Earnest Money Deposit * (EMD)	Rs. 152612.60
8	Cost of Tender	NIL
9	MSME Clause	As per GTC point (iii)
9	Validity of Offer	90 Days
10	Security Deposit	As per GTC point (ix)

Note: *

- The EMD shall be accepted only in the following forms:

Electronic Fund Transfer credited in BHEL account (before tender opening)



Bharat Heavy Electricals Limited, Jhansi

Department: Works Engineering And Services
Tender Enquiry No: WEX/TE/TW/22/09 Dated 14.07.2022

BHEL account details: Bank Name:- SBI; A/c No. :- 10670828866 ; IFSCCode:- SBIN0003807 A/c Holder Name:- BHARAT HEAVY ELECTRICALS LIMITED

- The contractors may physically visit the work place before quoting their rates. For relevant details please visit our website "www.bhel.com" & www.bheljhs.co.in

Annexure B

Terms & Conditions and Scope of Work

1- Division of contract

The contract shall be divided in two parties, scope wise distribution shall be-

Scope of Work B, C, E & F –L-1 bidder

Scope of Work A & D – L-2 bidder

All the eligible bidders will be categorized from L1 to Lh bidder (Lh will be the bidder who quoted highest rate) on basis of their quoted rates.

In case of equal rates at the same level, toss/lottery shall be drawn among all the contractors having quoted equal rates for grading from lower to higher rates. This list shall be referred for award of work. L1 bidder shall get the Scope of Work B, C, E & F, whereas after counter offer (if required) L2 shall be given Scope of Work A & D respectively of the work at L1 rate.

In case L2 bidder declines to accept the offered work at L1 rate, the criteria for award of work will shift to the next higher eligible bidder and so on.

In case no eligible bidder accepts counter offer at L1 rate, the entire contract shall be awarded to L1 bidder.

2- SCOPE OF CONTRACT WORK FACILITY

2.1 Sufficient staff shall be maintained by the contractor for mentioned work. Work shall be done in first, second & third shift and as per work requirements.

2.2 All the working tools and tackles and all spares including consumable like gear oil, grease, cotton waste, Electrical items, gas cutting, welding and machining facilities etc. shall be provided by BHEL-Jhansi free of cost.

2.3 Contractor shall provide shoe, helmet, and personal protective equipment & maintain the same at his own cost which may be required.

2.4 Contractor shall ensure that his workers wear uniform, shoes, helmet and other required safety appliances, apparels / equipment at the work place otherwise appropriate action shall be taken as per conditions.

2.5 Contractor shall maintain all records like work requisitions form, spare list, and all other records pertaining to his work.

5

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Bharat Heavy Electricals Limited, Jhansi

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3- DEPLOYMENT OF MANPOWER

3.1 To carry out the mentioned work during total contract period the contractor will deploy adequate numbers of workers with the permission of maintenance in charge.

3.2 Most of the workers to be deployed for the work shall have experience of working in the environment of plant machine maintenance.

3.3 **Approx. 67 nos. USW workers during the total contract period to be deployed , it includes two supervisor to look after the work in totality ,two automobile drivers and two Tractor drivers having appropriate License with an adequate knowledge and experience with approval of section / maintenance in-charge.**

3.5 Deployment of workers may be vary as per work requirements as per the instruction and approval of maintenance in charge .

4- URGENT WORK

The contractor shall have to comply with the priorities fixed by the maintenance in charge or for taking urgent repair work.

5- **Penalty- In** case of party has failed to deployed the required manpower to attend the breakdowns with in 24 hrs., per man-day penalty of Rs.500 shall be recovered from the party.

6- TO QUOTE:

The Contractor can visit the work place to assess the scope of work before quoting.

Details of Work:

Sl. No.	Description of Work	% Allocation (Item-wise)	Unit of Measurement	Quantum of Work
(A)	(B)	(C)	(D)	(E)
1	Coal & Ash handling for Boiler in BHEL Jhansi - refer (scope A)	25.37%	Months	12.00
2	Substation Equipments and Electrical facilities/installations in BHEL-Jhansi factory and Township. - refer (scope B)	20.90%	Months	12.00



Bharat Heavy Electricals Limited, Jhansi

Department: Works Engineering And Services
Tender Enquiry No: WEX/TE/TW/22/09 Dated 14.07.2022

3	Maintenance of Machines/Plants/Equipments in BHEL Jhansi Factory - refer (scope C)	29.85%	Months	12.00
4	Material shifting/handling and drawing preparation in BHEL Jhansi. - refer (scope D)	7.46%	Months	12.00
5	Other preventive and maintenance Work of Factory Services - refer (scope E)	14.93%	Months	12.00
6	Preventive and breakdown maintenance of diesel operated Fork-lifters - refer (Scope F)	1.49%	Months	12.00

WORK SPECIFICATION:

A- Assistance in Coal & Ash handling for Boiler in BHEL Jhansi.

1- DETAILS OF WORK :

SL.NO.	JOB/ACTIVITY (Assistance work in)	MEASUREMENT CRITERIA/UNITS	APPROX. QUANTUM OF WORK
1	Shifting of coal	MT	10200
2	Handling of coal ash	MQ	4320
3	Cleaning of boiler area	Month	12
4	Maintenance of Boiler	Month	12
5	Firing of one boiler in case of breakdown in other boiler.	Nos	12
6	Cleaning of bed due to clinker formation in the boiler under breakdown.	Nos	12
7	Preparation of New bed after cleaning of boiler under breakdown.	Nos	12
8	Crushing of clinker to obtain sand required for boiler operation.	Nos	12
9	Softening of boiler feed water.	Nos	365

7

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Bharat Heavy Electricals Limited, Jhansi

Department: Works Engineering And Services

Tender Enquiry No: WEX/TE/TW/22/09 Dated 14.07.2022

2- SCOPE OF WORK:-

2.1 Shifting of coal:-The scope includes shifting of coal from coal yard to boiler will vary from 15 to 20 ton per day in day time. After which crushing and screening of coal shall be put in to the boiler round the clock.

2.2 Handling of coal ash:-The scope includes shifting of coal ash from boiler to coal ash yard. The quantity of coal ash will be 8 to 12 ton per day and will be carried out round the clock.

2.3 Cleaning of boiler area:-The scope includes cleaning of adjacent area of boiler house, shifting of silica sand and cleaning of ID fan, FD fan, Pumps, boiler tubes, fire box, gauge glasses, valves & piping system and proper up keepment of boiler.

2.4 Assistance in maintenance of boiler:-The scope includes deployment of manpower to provide assistance during annual inspection of boiler form boiler inspector and to attend the preventive and breakdown maintenance of ID fan, FD fan, pumps. Gauge glasses, valves etc and during hydraulic testing and rectification of leakages and replacement of gaskets.

2.5 Firing of boiler in case of breakdown of other boiler:-The scope includes assistance in firing of boiler when it required.

2.6 Cleaning of bed due to clinker formation in the boiler under breakdown:-The scope includes assistance in the cleaning of the bed when the same is under breakdown due to clinker formation.

2.7 Preparation of new bed after cleaning of the boiler under breakdown:-The scope includes assistance in the preparation of new bed when the same is required.

2.8 Crushing of clinkers to obtain sand required for boiler operation:-The scope includes assistance in the crushing of clinkers to retrieve sand required for operation of boiler.

2.9 Softening of boiler feed water:- The scope includes assistance in daily operation of water softening plant and maintenance of the same.

2.10 Min 17 nos. contact workers shall be deployed for the work and must have experience of working in the environment of Boiler House and coal yard.

B- Providing assistance in the work for maintenance of Substation Equipments and Electrical facilities/installations in BHEL-Jhansi factory and Township.

1- DETAILS OF WORK :

SL.NO.	JOB/ACTIVITY (Assistance work in)	MEASUREMENT CRITERIA/UNITS	APPROX. QUANTUM OF WORK
1.0	Preventive maintenance of Heavy Equipments in Test Plant	Nos.	80
2.0	Preventive maintenance of Medium Equipments in Test Plant	Nos.	70

8

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Bharat Heavy Electricals Limited, Jhansi

Department: Works Engineering And Services

Tender Enquiry No: WEX/TE/TW/22/09 Dated 14.07.2022

3.0	Preventive maintenance of Small Equipments in Test Plant	Nos.	27
4.0	Checking Of Relays	Nos.	150
5.0	Checking Of Transformer Oil	Nos.	26
6.0	Checking Of Earth Pits	Nos.	120
7.0	Checking Of Substation Batteries	Nos.	175
8.0	Checking of Cables	Nos.	139
9.0	Complaints of tube switch bell etc	Nos.	4620
10.0	Repairing of DB	Nos.	138
11.0	Complaints of street light	Nos.	1800
12.0	Complaints of ceiling fans	Nos.	1650
13.0	Checking of new allotted quarters	Nos.	132
14.0	Repairing / calibration and maintenance of KWH meters.	Nos.	276
15.0	Repairing of cables	Nos.	2398
16.0	Repairing of pump house starter	Nos.	75
17.0	Maint. of O/H line	Nos.	2350
18.0	Checking / Repairing of batteries	Nos.	1008
19.0	Checking /Repairing of Cap. Bank	Nos.	240
20.0	Shifting of material from factory to township and township to factory.	Trips	240
21.0	Maintenance of 2.5 MW solar Power Plant	Months	12

2- SCOPE OF WORK:-

The work mainly comprises of Preventive maintenance and general upkeep of:

- HEAVY EQUIPMENTS:-**This includes heavy equipments like M.G.Sets, HT breakers, Transformers etc. The work involves cleaning of equipment/ work place, repairing of worn-out parts, checking of equipment as per check list. Maintaining record, collection of material from store, shifting of material.
- MEDIUM EQUIPMENTS:-**This includes heavy equipments like LT breakers, CT/VT, Control Desk etc. The work involves cleaning of equipment/ work place, repairing of worn-out parts, checking of equipment as per checklist. Maintaining record, collection of material from store, shifting of material.
- SMALL EQUIPMENTS:-**This includes heavy equipments like Test trolleys, control panel, etc. The work involves cleaning of equipment/ work place, repairing of worn-out parts, checking of equipment as per checklist. Maintaining record, collection of material from store, shifting of material.
- CHECKING OF RELAYS:-**This includes all relays installed in HT and LT panels in substation and test plant equipments. The work involves cleaning and shifting of relay from panel, testing of relay, record keeping and refitted in panel.
- CHECKING OF TRANSFORMER OIL:-**Registration of testing in M.T.Lab, collection of oil from transformer, sending to M.T.lab, getting report and record keeping.



Bharat Heavy Electricals Limited, Jhansi

Department: Works Engineering And Services

Tender Enquiry No: WEX/TE/TW/22/09 Dated 14.07.2022

- (f) CHECKING OF EARTH PITS:-Cleaning of earth pits, measurement the earth resistance, record keeping.
- (g) CHECKING OF SUB-STATION BATTERIES:-Monthly cleaning of sub-station batteries, preparation of distilled water, checking of battery voltage, electrolyte, tightening of connection, record keeping etc.
- (h) CHECKING OF CABLES:-Measurement of IR value of HT/LT cables, tightening of connection & record keeping.
- (i) PREVENTIVE MAINTENANCE:-Preventive maintenance work shall be done once a year for each equipment. Preventive maintenance schedule shall be prepared and shall be completed in time. Contractor shall arrange to take up the preventive maintenance on Sunday and Holidays, only after ensuring the release from the area maintenance in charge. For working on Sunday and Holiday prior approval of maintenance in charge and CISF, BHEL, Jhansi is necessary. Monthly Preventive maintenance report shall be prepared and sent to AGM (WE&S) after counter
- (a) The work to be done only on the basis of complaints given by the in charge maintenance.
- (b) The contractor will take all complaints in the morning and distribute among their staff. Regular routine complaints also be attended on same day.
- (c) Complaints should be attended in duty hours if any emergency it should be attended after duty hours.
- (d) All items will be issued from the store.
- (e) Old items to be returned to the store.
- (f) Replaced items to be verified by the user and in charge maintenance.
- (g) Attended complaints to be verified by the user and the attending staff details of work done.
- (h) All complaints to be attended preferable on the same day of reporting.
- (i) If for any reason it is not done in the stipulated period information should be given to the in charge for due consideration.

2.1 Min 14 nos. contact workers shall be deployed for the work and must have experience of working in the environment of plant machine maintenance.

C-Assistance in the Maintenance of Machines/Plants/Equipments in BHEL Jhansi Factory.

1- DETAILS OF WORK :

SL.NO	DESCRIPTION OF WORK (ASSISTANCE IN THE WORK OF)	UNIT OF MEASURE MENT	APPROX. QUANTUM OF WORK ANNUAL
1	Breakdown of heavy plants and machines.	Nos	360
2	Breakdown of medium installations.	Nos	540
3	Breakdown of light installations.	Nos	900
4	Material Handling for maintenance work.	Nos	7000
5	General Checking Of Equipments.	Nos	2704
6	Street light maintenance of factory and ADM building area.	Nos	1800



Bharat Heavy Electricals Limited, Jhansi

Department: Works Engineering And Services
Tender Enquiry No: WEX/TE/TW/22/09 Dated 14.07.2022

7	Oiling and greasing of machines and equipments.	Nos	5980
8	Shifting of oil drums from different location	Nos	551
9	Maintenance and cleaning of piping system (approximate 18000 mtrs. Per month)	Nos	12
10	Maintenance of tress and towers etc.	Nos	82

2- SCOPE OF WORK:-

2.1 Breakdown of Heavy installation

This includes all heavy installation .The work includes assistance in daily Breakdown, upkeep the equipments in operating condition.

2.2 Breakdown of medium installation

This includes all medium installation .The work includes assistance in daily Breakdown, upkeep the equipments in operating condition.

2.3 Breakdown of light installation

This includes all light installation .The work includes assistance in daily Breakdown, upkeep the equipments in operating condition

2.4 Material handling of Maintenance work

Handling of Material for attending breakdowns, collection of material from WE&S stores. assistance in sending thereports to WE&S office & other departments.

2.5 General checking of equipments

Assistance in General Checking of Equipments i.e. tightening of belts, tightening of electrical connection in panel, checking of hose, checking of foundation bolts of motors, checking of oil label, filling of oil etc.

2.6 Assistance in Street light maintenance of factory and ADM building area.

2.7 Oiling and greasing of machine and equipment.

2.8 Shifting of oil drum from different location

2.9 Assistance in Maintenance and cleaning of piping system in total factory area.

2.10 Maintenance of trees and towers in total factory

2. 2.1 Min 20 nos. contact workers shall be deployed for the work and must I have experience of working in the environment of plant machine maintenance.



Bharat Heavy Electricals Limited, Jhansi

Department: Works Engineering And Services
Tender Enquiry No: WEX/TE/TW/22/09 Dated 14.07.2022

D- Assistance in the work of material shifting/handling and drawing preparation in BHEL Jhansi.

1- DETAILS OF WORK :

SL. No.	Description of work (Assistance in the work of)	UNIT OF MEASURE MENT	Approx. Quantity
01	Shifting of material.	Nos	27600
02	Upkeep of items.	Nos	36000
03	Preparation of Drawings from worn-out parts.	Nos	125
04	Issue and receive of material	Nos	16800
05	To maintain and record keeping of machines manual.	Nos	240
06	Issue and received of machine manuals.	Nos	72
07	Calibration of pyrometric instruments.	Nos	168
08	Handling of UPS Batteries.	Nos	120
09	Calibration of ovens.	Nos	36
10	Arrangement for P A system.	Nos	36
11	Maintenance of machines.	Nos	120
12	Miscellaneous typing work/ report.	Nos	12000
13	Dispatch of Daak.	Nos	1200
14	Filing work.	Nos	8261
15	Daily cleaning of table/chairs/PC.	Nos	985

2- SCOPE OF WORK: -

The work mainly comprises of Preventive maintenance and general upkeep of:

- 2.1 SHIFTING OF MATERIAL: -Collection of material from main store, shifting of material from main store to WE&S stores. Handing over the material of WE&S store keeper.
- 2.2 UPKEEP OF ITEMS: -Upkeep of items in WE&S stores, maintaining of record, take out different reports of store from main frame.
- 2.3 PREPARATION OF DRAWING: -Preparation of drawings from worn-out parts of machine.
- 2.4 ISSUE AND RECEIVING OF MATERIAL: -Issuing the received the material to different maintenance center and services center under WE&S and receiving of the incoming material.



Bharat Heavy Electricals Limited, Jhansi

Department: Works Engineering And Services
Tender Enquiry No: WEX/TE/TW/22/09 Dated 14.07.2022

- 2.5 MAINTENANCE & RECORD KEEPING OF MACHINE MANUALS: -Upkeep record of machine manuals. Old damage files to be replaced with new one, to take arrangement for maintaining manuals.
- 2.6 ISSUE AND RECEIVED OF MACHINE MANUAL: -Issue of demanded machine manual to in charges of maintenance. Upkeep record of issue and received.
- 2.7 CALIBRATION OF PYROMATIC INSTRUMENTS: - To take out refitting of equipments from shop floor plants. To carry the equipment to material test lab and taking back to maintenance center from lab.
- 2.8 HANDLING OF UPS BATTERIES: -Handling of UPS batteries to different area of factory, ADM Building and township. Checking of connection, tightening of connection, checking of voltage etc.
- 2.9 CALIBRATION OF OVENS: -Calibration of ovens Handling & carrying the equipments for verification of oven performance at site in shop floor.
- 2.10 ARRANGEMENT OF P.A SYSTEM: -To carry and handling of P.A system i.e mike, amplifiers, sound boxes from center to different area of factory. ADM Building and Township.
- 2.11 MACHINE MAINTENANCE: -Cleaning of equipments/workplace. Collection and deposit of spares from both stores.
- 2.12 MISCELLANEOUS TYPING WORK: -Typing of letters to suppliers, make data for technical record.
- 2.13 DISPATCH OF DAAK: -To carry and distribute the daak to different departments & sections.
- 2.14 FILING WORK: -To file all correspondences and data records.
- 2.15 DAILY/ CLEANING OF TABLES/ CHAIRS AND P.C
- 2.16 Daily cleaning/ of tables/ chairs and PC.
- 2.17 Min 05 nos. contact workers shall be deployed for the work and must have experience of working in the environment of plant machine maintenance.

E- Assistance in Maintenance Work of Factory Services.

1- DETAILS OF WORK

SL.NO.	JOB/ACTIVITY (Assistance work in)	MEASUREMENT CRITERIA/UNITS	APPROX. QUANTUM OF WORK
1	Preventive maintenance of industrial fans.	Nos	500
2	Breakdown maintenance of industrial fans.	Nos	1300
3	Preventive maintenance of desert coolers.	Nos	300
4	Breakdown maintenance of area lights.	Nos	1400
5	Breakdown maintenance of desert coolers.	Nos	300
6	Preventive maintenance of lighting D/B.	Nos	100



Bharat Heavy Electricals Limited, Jhansi

Department: Works Engineering And Services
Tender Enquiry No: WEX/TE/TW/22/09 Dated 14.07.2022

7	Oiling of Compressors and Gear Boxes of Boiler, Cooling Towers and Air Washers in Factory.	Months	12
8	Preventive maintenance of critical plants and machines.	Nos	45
9	Preventive maintenance of non critical plants and machines	Nos	240
10	Uprooting of Machines/facilities.	Nos	20
11	Shifting of machines/facilities	Nos	20
12	Re-erection of machines/facilities.	Nos	20
13	Re-commissioning of machines/facilities	Nos	20
14	Maintenance of Oxygen Plant	Months	12

2.0 SCOPE OF WORK:-

(2.1) INDUSTRIAL FANS: - This includes column-mounted fans, three phase pedestal fans, and three phase exhaust fans including their distribution board, cable, starter, fans etc.

(2.2) DESERT COOLERS: - This includes all Desert coolers, Single phase /three phase including board, cable, starter (for three phase), pumps, fans etc.

(2.3) AREA LIGHTS: - This includes all lights for area lighting (street/area) including main switch, Distribution Board, timer control, cables, cable box, light etc.

(2.4) LIGHTING DISTRIBUTION BOARD: - This includes Distribution Boards, Main Switch, and Fuses/MCB etc.

(2.5) OILING OF GEARBOXES: - This includes checking of topping up the gear box of Boiler, Cooling Towers and Air Washers in factory in every week and attend the leakage if it is observed at any point.

(2.6) PREVENTIVE MAINTENANCE OF PLANT AND MACHINES:- This includes assisting in all activities of preventive maintenance including inspection/checking of all electrical and mechanical systems of machines, 45 Nos. critical and 240 Nos. non critical plants and machines.

(2.6a-1) The work of preventive maintenance may be carried out on Sunday and Holidays also. For working on Sunday and Holiday prior approval of maintenance in charge and In charge Security BHEL Jhansi is necessary.

a-2 Advance intimation ticket shall be prepared and sent to shop in charges two weeks in advance.

a-3 Monthly P/M report shall be prepared and sent to WEX Planning after counter signed by in charge maintenance along with all check lists.

2.7 RELOCATION OF MACHINES: The scope includes:

2.7a. Assistance in the work of uprooting or desmentiling of machines/facilities

2.7b. Assistance in the work of shifting of machines/facilities to new locations.

2.7c. Assistance in the work of re-erection of machines/facilities



Bharat Heavy Electricals Limited, Jhansi

Department: Works Engineering And Services
Tender Enquiry No: WEX/TE/TW/22/09 Dated 14.07.2022

2.7d. Assistance in the work of re-commissioning of machines/facilities.

2.8 All used/worn-out/scrapped/replaced spares/parts shall remain the property of BHEL, Jhansi. These items shall be return to WE&S store.

2.9 Min 10 nos. contact workers shall be deployed for the work and must have experience of working in the environment of plant machine maintenance.

F-Preventive and breakdown maintenance of diesel operated Fork-lifters.

1.0 Detail of work:

Sl.No	JOB/ACTIVITY	UNIT OF MEASUREMENT	QUANTUM OF WORK ANNUAL
1	Preventive and Breakdown maintenance of 29 Nos. Diesel operated fork lifters in BHEL Jhansi	Month	12

2.0 SCOPE OF WORK

- 1.1 Preventive maintenance i.e daily, weekly, fortnightly, monthly, quarterly & checks of all Fork Lifters.
- 1.2 Shutdown maintenance i.e half yearly and yearly checks of all fork lifters.
- 1.3 Breakdown maintenance of all fork lifters.
- 1.4 Filling the log book/ job card on shift basis, filling the checklists after carrying out preventive/ shutdown maintenance & updating the preventive/ shutdown/ breakdown maintenance entries & parts consumed in the computer present in the work area.
- 1.5 Up keeping & maintenance proper cleanliness the work area/ stores.
- 1.6 The work is to be done in all working days (Monday to Saturday) in General Shift from 07.00 to 15.45 hrs.
- 1.7 However, your personnels are to work after the completion of the above- mentioned shifts for completing the job.
- 1.8 On Sundays or national holidays work is to be done only if an emergent situation arises.
- 1.9 Safety of all your manpower is entirely your responsibility. Uniform (Including safety shoes, safety gadgets) will be provided by you. You must ensure compliance with all safety and health regulation in force during the period of contract. You will have to ensure that only those persons will be employed for carrying out the job those are adequately trained in safety and technical aspects as required for the job.
- 1.10 All the tools shall be provided by BHEL.



Bharat Heavy Electricals Limited, Jhansi

Department: Works Engineering And Services

Tender Enquiry No: WEX/TE/TW/22/09 Dated 14.07.2022

- 1.11 All the consumable materials and spares used in maintenance of fork lifters shall be arranged by BHEL.
- 1.12 As and when overhauling of engine and transmission system of fork lifters required same shall be carried out by BHEL against separate approvals. Scope for the above work shall recommended by vender after detailed inspections.
- 1.13 Welding, brazing & gas cutting jobs to be carried out as & when required.
- 1.14 Drilling, tapping, Recoil fitment & any other fitting job to be carried out as & when required.
- 1.15 Follow- Up with the in house tool shop for any machining work.
- 1.16 **Min 1 nos. contact workers shall be deployed for the work and must have experience of working in the environment of preventive and breakdown maintenance of diesel operated Fork-lifters.**



Bharat Heavy Electricals Limited, Jhansi

Department: Works Engineering And Services

Tender Enquiry No: WEX/TE/TW/22/09 Dated 14.07.2022

Annexure C

QUALIFYING REQUIREMENTS

Sl No	Description of Qualifying Requirement
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17

We hereby accepted above (signature & seal of bidder)

Seal & Signature of BHEL contracting authority



Bharat Heavy Electricals Limited, Jhansi

Department: Works Engineering And Services
Tender Enquiry No: WEX/TE/TW/22/09 Dated 14.07.2022

1.	Average Annual financial turnover during the last 3 years ending 31st March 2022, should be minimum (1.1) FOR NON MSE BIDDERS - Rs. 22.89 lakhs (1.2) FOR MSE BIDDERS – Rs. 10.25 lakhs (1.3) FOR STARTUPS – Startups not to be considered in this tender due to Quality and Technical specification implications of maintenance work. The following documents to be submitted i) A certificate from CA dully vetting the turnover. “OR” ii) Audited balance sheet & Profit and loss statement. Note- If T/o details of 3 years are not available then available years T/o shall be evaluated by dividing it by 3.
2.	<u>Work Experience:</u> (Bidder should fulfil any one of the following): (2.1) FOR NON MSE BIDDERS :- Experience of having successfully completed similar works during last 7 years of the month before the one in which applications are invited as under:- (i) Three similar completed works each valuing not less than the amount equal to Rs 30.52 Lakh. OR (ii) Two similar completed works each valuing not less than the amount equal to Rs 38.15 Lakh. OR (iii) One similar completed works each valuing not less than the amount equal to Rs 61.05 Lakh



Bharat Heavy Electricals Limited, Jhansi

Department: Works Engineering And Services

Tender Enquiry No: WEX/TE/TW/22/09 Dated 14.07.2022

	(2.2) FOR MSE BIDDERS :- Experience of having successfully completed works during last 7 years of the month before the one in which applications are invited as under:- (i) Three similar completed works each valuing not less than the amount equal to Rs 13.67 Lakh. OR (ii) Two similar completed works each valuing not less than the amount equal to Rs 17.08 Lakh. OR (iii) One similar completed works each valuing not less than the amount equal to Rs 27.35 Lakh (2.3) FOR STARTUPS: – Startups not to be considered in this tender due to Quality and Technical specification implications of maintenance work. Similar Work means – any contract for providing assistance in manufacturing or maintenance of industrial machines, plants, equipment's including boiler maintenance. Documentary proof required: 1. Completion Certificate/ proof of completion, 2. Work Order /Purchase Order, 1. In addition to above TDS Certificate in case of experience is of Private Sector.
3.	Contractor Should have PAN number.
4.	Contractor Should have GST (PAN based)



Bharat Heavy Electricals Limited, Jhansi

Department: Works Engineering And Services
Tender Enquiry No: WEX/TE/TW/22/09 Dated 14.07.2022

ANNEXURE -E

TECHNICAL BID APPLICATION FOR “ Assistance in maintenance work of factory services, machine, plants, equipments, substation equipments, electrical facilities installation, coal & ash handling of boiler, material shifting, handling & drawing preparation, preventive maintenance, preventive & breakdown maintenance of diesel operated Fork-lifters and general upkeep activities in WEX in BHEL Jhansi (Work Contract)”

(A) ESSENTIAL DOCUMENTS REQUIRED

1. Name of the firm : _____
2. Name of the Proprietor : _____
3. Address: _____
4. E-MAIL: _____
5. Contact Numbers : _____
6. ESI Code Number (of the company's operator) : _____

Copy of the ESI Certificate Enclosed / Not Enclosed

7. PAN/TAN Number : _____
8. Goods & Service Tax Number (PAN Based) : _____

Copy of Certificate Enclosed / Not Enclosed

9. Audited financial statement/CA Certificate as per tender: Enclosed / Not Enclosed
10. Experience Certificate: Enclosed / Not Enclosed

(Along with necessary enclosures as per tender to be submitted)

11. Earnest Money Deposit : Rs. _____
- a) D.D. Number & Date : _____ Date _____
- b) Drawn on (Bank) : _____
12. Any other relevant information : _____
13. Tender Cost : Rs. _____

D.D. No. /Receipt No : _____



Bharat Heavy Electricals Limited, Jhansi

Department: Works Engineering And Services
Tender Enquiry No: WEX/TE/TW/22/09 Dated 14.07.2022

14. Validity of offer : _____

(At least 120 days from the date of tender Opening.)

15. Blank Price bid format : Enclosed / Not Enclosed

16. PF registration certificate (if exempted, submit exemption proof)

PF registration code: _____

Attach Copy of the PF registration

17. ESI registration certificate: (if exempted submit exemption proof)

ESI registration code: _____

Attach Copy of ESI registration

(B) DESIRABLE:

1. Income Tax return last 3 yrs. : Enclosed / Not Enclosed

2. Acceptance of Reverse Auction : Accepted / Not accepted

We will fulfill all the obligations of the contractor and abide by the Terms & Conditions mentioned in the enquiry.

Signature with Name & Office

Seal

Date:

NOTE: TECHNICAL BID AND PRICE BID SHOULD BE SUBMITTED IN SEPARATE SEALED ENVELOPS. IN CASE THE BIDS ARE FOUND IN ONE SINGAL ENVELOPE THEN THE "BIDS" ARE LIABLE TO BE REJECTED.