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**BHARAT HEAVY ELECTRICALS LIMITED**  
**HEAVY EQUIPMENT REPAIR PLANT**  
**TARNA, SHIVPUR, VARANASI**

**TENDER NOTICE**

Open Tender Notice No.: HERP/MAINT/REV/2019-20/02 dated: 03.05.2019.

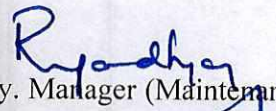
Two part Sealed tenders are invited for the 'Comprehensive Annual Maintenance Contract (without compressor) of 30 Nos. Split AC, 11 Nos. Water cooler & 10 Nos. Refrigerators'. The tenders shall be received up to 2.30 PM on 18.05.2019 and will be opened on the same day at 3.00 PM.:

S. No.	Name of work	Earnest money	Time of completion	Cost of Tender Document
1.	Comprehensive Annual Maintenance Contract (without compressor) of 30 Nos. Split AC, 11 Nos. Water cooler & 10 Nos. Refrigerators'	Rs.3110/-	One Year	NIL

Tenderer shall deposit the above EMD (Rs.3110) only through NEFT to the following BHEL bank account:

Bank Name: SBI  
IFSC: SBIN0000201  
Account No- 011103264820  
Address: State Bank of India , Man Branch Kachaheri, Varanasi.

The tender documents can be downloaded from following internet link:  
[http://www.bhel.com/tender/tender\\_home.php](http://www.bhel.com/tender/tender_home.php)

  
Dy. Manager (Maintenance)

04/05/19

राजीव उपाध्याय/Rajiv Upadhyay  
उप० प्रबन्धक अनुरक्षण/Dy. Mgr. Maintenance  
भारत हेवी इलेक्ट्रिकल्स लि०/Bharat Heavy Electrical Ltd.  
हर्ष, वाराणसी/HERP, Varanasi



BHARAT HEAVY ELECTRICALS LTD.  
HEAVY EQUIPMENT REPAIR PLANT  
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TENDER DOCUMENT

TENDER NOTICE NO.: HERP/MAINT/REV/2019-20/02 DATED: 03.05.2019.

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7	Annexure	
	General Conditions of Contract (GCC): 23 pages	

*R. Upadhyay*

राजीव उपाध्याय/Rajiv Upadhyay  
उप० प्रबन्धक अनुरक्षण/Dy. Mgr. Maintenance

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DIRECTIONS TO PARTIES FOR TENDERING

1. Parties may visit our plant for assessment of actual quantum of work on any working day between 10:00 AM to 04:00 PM if they wish before quoting their rates.
2. The Price Bid accompanying the tender shall be written legibly and free from erasures, over writings or corrections of figures. Corrections where unavoidable should be made by crossing out, initialling, dating and rewriting. No alterations which are made by the tenderer in the agreement form, the conditions of agreement, the drawings or specifications accompanying the same will be recognized and if any such alterations are made, the tender will be void.
3. The tenderer shall submit Two Part Bid with 02 separate envelopes- Envelope 01 containing Technical Bid and enclosures placed at page No-3 & 4: Envelope 02- Price bid placed at page 05. Both the envelopes should be kept in a single Envelope & address to as follows:

Senior Manager  
Maintenance Department  
BHEL, HERP,  
Tarna, Shivpur,  
Varanasi - 221003

Sealed Tenders can be submitted personally also at following location:

Administrative Building, M.M. Deptt.  
BHEL, HERP  
Tarna, Shivpur,  
Varanasi  
U.P.-221003

4. Tenders shall be opened by authorized officer of BHEL at his office at the time and date as specified in the tender notice in the presence of such of those tenderers or their authorized representative who may be present.
5. The successful Tenderer's responsibility under this contract commences from the date of issue of the Letter of Intent by Bharat Heavy Electricals Limited. The successful tenderer shall be required to execute a contract as per prescribed format with BHEL within 15 days of LOI and in any case before the commencement of work. The expenses for completion and stamping and registration of the agreement with prescribed authority, if necessary shall be borne by the Contractor.

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*Rajiv Upadhyay*  
03/05/19

राजीव उपाध्याय/Rajiv Upadhyay  
उप० प्रबन्धक अन्तरक्षण/Dy. Mgr. Maintenance



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**Pre-qualifying criteria for vendors for 'Comprehensive Annual Maintenance Contract (without compressor) of 30 Nos. Split AC, 11 Nos. Water cooler & 10 Nos. Refrigerators' at BHEL, HERP, Varanasi.**

Parties should meet all the following qualifying criteria to participate in above tender enquiry:

1. The contractor should have carried out repair & Maintenance work of refrigeration related item like Split & Window A/C, water coolers, industrial chillers etc in any government organization or its Undertaking for total minimum value of Rs.2.00 lacs in past 4 years.
2. The contractor should have their workshop or establishment at Varanasi.

Tender Notice No.: HERP/MAINT/REV/2019-20/02 dated: 03.05.2019.

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भारत हेवी इलेक्ट्रिकल्स लि०/Bharat Heavy Electricals Ltd.  
वर्ग, वाराणसी/HERP, Varanasi



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**TECHNO-COMMERCIAL BID**

DETAILS	
1	Name of Bidder:
2	Type of Organization: Proprietorship/Partnership/Company/LLP
3	GSTN No:
4	PAN No:
5	Registered address for communication:

		Please Tick
1	My organization meets the Pre-Qualifying criteria mentioned in this document and have attached copy of Work order as per requirement.	Yes/No
2	I have my workshop/office at Varanasi	Yes/No.
3	I have submitted duly filled Price bid and quoted against all the items in the envelope for Price Bid.	Yes/No.
4	My organization does not fall under the GST threshold limit for GST registration hence do not have GSTN. The rate quoted in the price bid is without GST.	Yes/No
5	My organization is registered under full GST and the price bid clearly mentions the basic rate & GST rate separately. I have attached my GST registration certificate copy in technical bid envelope.	Yes/No
6	I have deposited the EMD amount of Rs.3110/- to the Bank account mentioned in the NIT/Tender document and have submitted a copy of receipt of the same in Technical bid envelope	Yes/No
7	All terms & conditions mentioned in the special terms & conditions of contract are accepted. I have submitted a signed and stamped copy of the same in the envelope for technical bid.	Yes/No
8	The Scope of work mentioned in the Tender document is accepted.	Yes/No

(Signature & stamp of bidder):

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भारत हेवी इलेक्ट्रीकल्स लि०/Bharat Heavy Electricals Ltd.  
हरप, वाराणसी/HERP, Varanasi



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**PRICE BID- 'COMPREHENSIVE ANNUAL MAINTENANCE CONTRACT (WITHOUT COMPRESSOR) OF SPLIT AC, WATER COOLER & REFRIGERATORS'.**

	DECRPTION OF WORK	Qty	Rate	Total	GST	Total (including GST)
1	COMPREHENSIVE AMC CHARGE FOR SAC MAKE LG CAPACITY 2 TR	5				
2	COMPREHENSIVE AMC CHARGE FOR SAC MAKE LG 1.5 TR	16				
3	COMPREHENSIVE AMC CHARGE FOR SAC MAKE VOLTAS 1.5 TR	9				
4	COMPREHENSIVE AMC CHARGE FOR WATER COOLER COOLING CAPACITY 40 LITRE/HR MAKE VOLTAS/BLUES STAR	5				
5	COMPREHENSIVE AMC CHARGE FOR WATER COOLER COOLING CAPACITY 80 LITRE/HR MAKE VOLTAS/BLUE STAR	5				
6	COMPREHENSIVE AMC CHARGE FOR WATER COOLER COOLING CAPACITY 150 LITRE/HR MAKE VOLTAS/ BLUE STAR	1				
7	COMPREHENSIVE AMC CHARGE FOR REFRIGERATORS OF CAPACITY UP TO 200 LITERS	10				
8	CHARGES FOR REPLACEMENT OF COMPRESSOR, CAPILLARY, FILTERS & GAS CHARGING IN 1.5 TR A/C ( <b>Note Compressor to be supplied by BHEL.</b> )	10				
9	CHARGES FOR REPLACEMENT OF COMPRESSOR, CAPILLARY, FILTERS & GAS CHARGING IN 2.0 TR A/C ( <b>Note Compressor to be supplied by BHEL.</b> )	6				
10	CHARGES FOR REPLACEMENT OF COMPRESSOR, CAPILLARY, FILTER & GAS CHARGING IN REFRIGERATORS & WATER COOLERS ( <b>Note Compressor to be supplied by BHEL.</b> )	4				
<b>Grand Total</b>						

Note:-The party quoting the overall L-1 landed cost to BHEL shall be treated as successful bidder for all the items.

(Signature & stamp of bidder):

राजीव उपाध्याय/Rajiv Upadhyay  
उप० प्रबन्धक अनुरक्षण/Dy. Mgr. Maintenance  
भारत-हेवी इलेक्ट्रीकल्स लि०/Bharat Heavy Electrical Ltd.  
हर्ष, वाराणसी/HERP, Varanasi

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Rajiv Upadhyay  
03/05/2019



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LIST OF EQUIPMENT COVERED UNDER THE CAMC

Locations of Air Conditioners			
S.N.	MAKE	LOCATION	CAPACITY
1	LG	FINANCE HALL ,HERP	2 TR
2	LG	ANNEXE-01 , HERP	2 TR
3	LG	ANNEXE-03,HERP	2 TR
4	LG	Sr. Mgr. (E. & M.),HERP	2 TR
5	LG	NEW HR HALL, HERP	2 TR
6	LG	FINANCE HALL ,HERP	1.5TR
7	LG	ANNEXE-02,HERP	1.5TR
8	LG	ANNEXE-04, HERP	1.5TR
9	LG	ANNEXE-05, HERP	1.5TR
10	LG	ANNEXE-06, HERP	1.5TR
11	LG	PROD-1,HERP	1.5TR
12	LG	PROD-2, HERP	1.5TR
13	LG	HR HALL,HERP	1.5TR
14	LG	GM O,HERP	1.5TR
15	LG	P&D HALL-1,HERP	1.5TR
16	LG	P&D HALL-2,HERP	1.5TR
17	LG	DOCTOR ROOM, HERP	1.5 TR
18	LG	PH-1, Tarna Township	1.5 TR
19	LG	GH- DINNING HALL HERP	1.5 TR
20	LG	HEAD (C&S), HERP	1.5 TR
21	LG	QC LAB,HERP	1.5 TR
22	VOLTAS	Sr. Mgr (Maint. & Mod.),HERP	1.5 TR
23	VOLTAS	Q.C (HEAD), HERP	1.5TR
24	VOLTAS	PH-2, TARNA TOWNSHIP	1.5TR
25	VOLTAS	SDGM(FIN),HERP	1.5TR
26	VOLTAS	SERVER ROOM-I, HERP	1.5TR
27	VOLTAS	SERVER ROOM-II,HERP	1.5TR
28	VOLTAS	GUEST HOUSE, SHIVPUR	1.5TR
29	VOLTAS	VIP Canteen, HERP	1.5TR
30	VOLTAS	GUEST HOUSE, SHIVPUR, HERP	1.5TR

राजीव उपाध्याय/Rajiv Upadhyay  
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भारत हेवी इलेक्ट्रिकल्स लि०/Bharat Heavy Electrical Ltd.  
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LOCATIONS OF WATER COOLERS

S.N.	MAKE	LOCATION	COOLING CAPACITY
1	BLUE STAR	MAINT HALL , HERP	40L
2	VOLTAS	ADMIN FIN, HERP	40L
3	BLUE STAR	ADMIN MM, HERP	40L
4	VOLTAS	MAIN GATE, HERP	40L
5	VOLTAS	BAY-3 (EXTENSION), HERP	80L
6	VOLTAS	BAY-3, HERP	80L
7	BLUE STAR	BAY-1, HERP	80L
8	VOLTAS	Q/C, HERP	40L
9	BLUE STAR	CANTEEN, HERP	150L
10	VOLTAS	STORES,HERP	80L
11	VOLTAS	NPS, HERP	80L

LOCATIONS OF REFRIGERATORS

S.N.	MAKE	MAKE	CAPACITY
1	LG	GMO, HERP	200 LITRES
2	GODREJ	AGM(PROD./STORES/C&S )	100 LITRES
3	GODREJ	AGM(MM./MAINT.), HERP	100 LITRES
4	GODREJ	SDGM(HR), HERP	100 LITRES
5	GODREJ	AGM(FIN), HERP	100 LITRES
6	GODREJ	GUEST HOUSE, SHIVPUR	100 LITRES
7	WHIRFOOL	GUEST HOUSE -2 KITCHEN, GUEST HOUSE, SHIVPUR	200 LITRES
8	GODREJ	GUEST HOUSE -3, GUEST HOUSE, SHIVPUR	100 LITRES
9	GODREJ	GUEST HOUSE -4, GUEST HOUSE, SHIVPUR	100 LITRES
10	GODREJ	DGM (P & D / IT), HERP	100 LITRES

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**SPECIAL CONDITIONS OF CONTRACT (SCC) FOR COMPREHENSIVE ANNUAL MAINTENANCE CONTRACT (WITHOUT COMPRESSOR) OF SPLIT AC, WATER COOLER & REFRIGERATORS AT HERP.**

S. No.	Description
1.	<p style="text-align: center;"><b>Scope of work:</b></p> <p><b>1: For Air Conditioners</b> (Voltas &amp; LG make A/Cs) Under the Comprehensive AMC of Air conditioners, the Vendor shall carry out:</p> <ol style="list-style-type: none"><li>1. Party to attend breakdown of all air conditioners covered under comprehensive annual Maintenance Contract on receipt of complaint from HERP under breakdown Maintenance.</li><li>2. Party to carry out half yearly Servicing &amp; cleaning of the indoor &amp; outdoor unit.</li><li>3. Supply necessary spares viz. Thermostat, Relay, OLP, Fan Motors, PCB, Temperature Sensors, Evaporators, Condensers, Refrigerant Charging, Driers, Capillary, Blowers, Fan Blade, Capacitors, Wire harness, Remote PCB etc (except compressor) for repairing of defective units.</li><li>4. In all such cases where a compressor is found faulty, BHEL shall provide compressor (free of cost) and the charges for gas filling, capillary and filter replacement shall be paid extra to the vendor as per BOQ.</li><li>5. During the operation of AMC, all cases of gas charging on account of any fault other than defective compressor replacement shall be attended by contractor without any extra cost.</li><li>6. During preventive maintenance, servicing of AC, water, cotton cloth, power will be provided to party free of charge.</li><li>7. Inspection and Replacement of PU pipe Foam of suction &amp; discharge line.</li><li>8. Inspection and replacement of all suction &amp; discharge copper pipe and their replacement/ repair as required.</li></ol> <p><b>2: For Water Cooler &amp; Refrigerators</b> (Voltas, Blue Star make water coolers and Godrej, LG &amp; whirlpool make refrigerator) Under the Comprehensive AMC of Water Cooler &amp; Refrigerators the Vendor shall carry out:</p> <ol style="list-style-type: none"><li>1. Party to attend breakdown of all Water Cooler &amp; Refrigerators covered under comprehensive annual Maintenance Contract on receipt of complaint from HERP under breakdown Maintenance.</li><li>2. Party to carry out half yearly Servicing &amp; cleaning of the unit.</li><li>3. Supply necessary spares viz. Thermostat, Relay, Over Load Protector (OLP), Fan Motors, Bush, shaft of fan motor, start Capacitor, Run Capacitor, PCB, Temperature Sensors, Refrigerant Charging, Capillary, Blowers, Fan Blade, Wire harness, etc (except compressor) for repairing of defective Water Cooler &amp; Refrigerators.</li></ol>

	<p>4. In all such cases where a compressor is found faulty, BHEL shall provide compressor (free of cost) and the charges for gas filling, capillary and filter replacement shall be paid extra to the vendor as per BOQ.</p> <p>5. During the operation of AMC, all cases of gas charging on account of any fault other than defective compressor replacement shall be attended by contractor without any extra cost.</p> <p>6. During preventive maintenance/ servicing of Water Cooler &amp; Refrigerators, water, cotton cloth, power will be provided to party free of charge.</p> <p>7. This work will be implemented for all water coolers &amp; Refrigerators (Fridges) in the HERP campus and guest house.</p>																
2.	Validity of Contract: Above contract will be valid for one year period from the date of award of LOI/contract.																
3	Earnest Money Deposit & Security Deposit: As per GCC The EMD for above mentioned work is Rs.3110/-.																
4	<p><b>Liquidated Damages (LD):</b></p> <p>At the time of payment though running / final bill the quarterly Comprehensive Maintenance Charges shall be calculated and payment shall be released after deduction of LD.</p> <p>The LD shall be calculated for each unit separately during each quarter.</p> <p>LD shall be calculated for each unit on the basis of up time in each quarter.</p> <p>The comprehensive Annual Maintenance contract (CAMC) shall include 30 Nos. Split A/C units, 11 Nos. water coolers &amp; 10 Nos. Refrigerators.</p> <p>The breakdown hours shall be calculated as per Agreement Operation Register.</p> <p>Complaints from users shall be lodged in Complaint register. All faults of breakdown nature (unit shutdown/ not cooling etc.) should be immediately be intimated on phone to the contractor by Engineer in Charge nominated by BHEL. The Engineer in charge shall get the input power / stabilizer checked before intimating the contractor. The Engineer in charge shall send an email with reference to above complaint to the contractor after intimation of phone.</p> <p>All Complaints should be lodged by BHEL between 10:00 AM to 05:00 PM. The Vendor should arrange for attending the breakdown by next working day up to 05:00 PM. The contractor representative shall make entry of the first visit in Contract Operation register and entry of the time of fault rectification.</p> <p>If the contractor fails to attend Breakdown before end of next working day, then thereafter each working day till the time of Breakdown rectification will be calculated (excluding the day of fault rectification) and multiplied by 24 hrs to obtain total breakdown hours.</p> <p>If the contractor attends Breakdown before end of next working day, then thereafter no. of working days till the time of Breakdown rectification will be calculated (excluding the day of fault rectification) and multiplied by 8 hrs to obtain total breakdown hours.</p> <p>The unit wise quarter wise breakdown hours shall be calculated as above. The total working hours of HERP for the quarter shall be calculated and this shall be treated as common as Quarter wise working hour for each unit.</p> <p>The uptime of each unit in each quarter shall be calculated and the LD shall be imposed as per table mentioned under:</p> <table border="1"> <thead> <tr> <th>Uptime</th> <th>100-80</th> <th>80-75</th> <th>75-70</th> <th>70-65</th> <th>65-60</th> <th>60-50</th> <th>&lt;50*</th> </tr> </thead> <tbody> <tr> <td>LD Rate</td> <td>0% LD</td> <td>5% LD</td> <td>10% LD</td> <td>20% LD</td> <td>30% LD</td> <td>100% LD</td> <td>120% LD</td> </tr> </tbody> </table>	Uptime	100-80	80-75	75-70	70-65	65-60	60-50	<50*	LD Rate	0% LD	5% LD	10% LD	20% LD	30% LD	100% LD	120% LD
Uptime	100-80	80-75	75-70	70-65	65-60	60-50	<50*										
LD Rate	0% LD	5% LD	10% LD	20% LD	30% LD	100% LD	120% LD										

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	<p>*The LD above 100% shall mean that no AMC charges for the quarter for that unit shall be paid and an excess recovery shall be made for remaining @20% of the Quarter wise CAMC charge for that unit. Maximum LD amount to be deducted shall not exceed more than 10 % of total executed contract value till the relevant Running /Final bill. # The contractor may arrange to install spare units/ parts on returnable and on loan basis free of cost to ensure reduction in breakdown hours &amp; in all such cases Breakdown hours shall only be counted till services are discontinued. BHEL shall not pay any extra charge for the unit/ parts supplied on loan/returnable basis.</p>
5	<p><b>Release of Payment:</b> The vendor shall submit the bill for each quarter of work to Maintenance Deptt. The payment of the contractor shall be released on quarterly basis after execution of work on the basis of measurement of work to be recorded in Measurement book by Maintenance Deptt &amp; accepted by the contractor. All such payments shall be released after deduction of taxes, statutory liabilities, Liquidated damages &amp; risk purchase cost. In case of any dispute regarding amount of payment, the decision of Accepting authority shall be final.</p>
6	<p>In case any unit is condemned or declared as scrap by HERP during the operation of contract, the contractor shall be paid the comprehensive AMC Charges for that unit till such date only on pro rata basis. No AMC charges for any unit shall be paid for any period after the unit is condemned.</p>
7	<p>Defect Liability period shall be 6 months.</p>

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