

NOTICE INVITING TENDER**OPEN TENDER NOTICE NO.: HERP/MAINT/REV/2019-20/04 DATED: 03.06.2019**

SEALED TENDERS ARE INVITED FOR AMC FOR REPAIR & MAINTENANCE OF OIL CHILLERS & PANLE A/C INSTALLED AT CRITICAL CNC MACHINES AT BHEL HERP VARANASI.

The tenders shall be received up to 2.30 PM on 24.06.2019 and will be opened on the same day at 3.00 PM. (Refer 'DIRECTIONS TO PARTIES FOR TENDERING' in tender document)

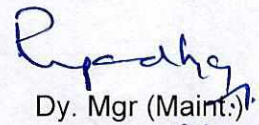
Tender Open Date: 03.06.2019

Tender Close Date: 24.06.2019 02:30 PM

S. No.	Name of work	Earnest money	Estimated Value of Work	Time of completion	Cost of Tender Document
1.	RATE CONTRACT FOR AMC OF OIL COOLERS, ELECTRICAL PANEL A/C & OPERATOR PANEL A/CS INSTALLED ON CNC, PLC & DRIVE RETROFITTED CRITICAL MACHINES AT HERP'.	Rs.3180/-	Rs.1,59,000/- plus GST	12 months	NIL

Tenderer shall deposit the above tender cost and EMD (Total Rs.31800/-), only through NEFT to the following BHEL bank Account:

Bank Name: State Bank of India, IFSC Code: SBIN0000201, Account No: 011103264820, Branch Code: 0201, Address: State Bank Of India, Main Branch Kachaheri, Varanasi.


Dy. Mgr (Maint.)

03.06.19

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
VARANASI – 221003

TENDER DOCUMENT

‘RATE CONTRACT FOR AMC OF OIL COOLERS, ELECTRICAL PANEL A/C & OPERATOR PANEL
A/CS INSTALLED ON CNC, PLC & DRIVE RETROFITTED CRITICAL MACHINES AT HERP’.

OPEN TENDER NOTICE NO.: HERP/MAINT/REV/2019-20/04 DATED: 01.06.2019

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DIRECTIONS TO PARTIES FOR TENDERING (Open Tender Notice No.: HERP/MAINT/REV/2019-20/04 DATED: 03.06.2019)

1. Parties may visit the site for assessment of actual quantum of work if they wish before quoting their rates.
2. The bidder should submit separate Technical Bid: Annexure A & price bid- Annexure-B. Both Bids should be submitted in an envelope having EMD payment details, Tender Number & Vendor contact details clearly mentioned.
3. 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.
4. The Tenderers are required to quote their rate in Price Bid as per Annexure-B of this Tender Document in separate Envelope else their offer will be rejected.
5. The tenderer shall submit a signed & stamped copy of this Tender Document on all pages for confirmation of acceptance of the same.

Sealed Tenders can be submitted (i) personally, (ii) by Courier, or (iii) by post.

If through courier or post

Sr. Manager (Maintenance)
BHEL, HERP
Tarna, Shivpur,
Varanasi
U.P.-221003
Tel: 0542-3074532

If delivered in tender box;

Dispatch Cell, HR Office.
BHEL, HERP
Tarna, Shivpur,
Varanasi
U.P.-221003

6. 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.
7. 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 & submit the security deposit with BHEL within 15 days of issue of LOI and in any case before the commencement of work.

SCOPE OF WORK FOR 'RATE CONTRACT FOR AMC OF OIL COOLERS, ELECTRICAL PANEL A/C & OPERATOR PANEL A/CS INSTALLED ON CNC, PLC & DRIVE RETROFITTED CRITICAL MACHINES AT HERP'.

(A) SERVICING					
S.No	Description of Work	Unit	Servicing per year	No. of equipment	Total No. of servicing
1	Half yearly servicing of Oil Chiller having cooling capacity higher than 3000 Kcal/hr & up to 6000 Kcal/Hr	No.	2	7	14
2	Half yearly servicing of Oil Chiller having cooling capacity up to 3000 KCAL/Hr	No.	2	5	10
3	Half yearly servicing of Electrical Panel AC having cooling capacity equal to 3500 watt and up to 4500watt.	No.	2	5	10
4	Half yearly servicing of Electrical Panel AC having cooling capacity higher than 350 W but less than 3500 watt.	No.	2	11	22
5	Half yearly servicing of Electrical Panel AC having cooling capacity less than 350 W.	No.	2	6	12
(B) REPAIRING					
SNo	Description of Work				
(i)	Service Charges for replacement of Defective Compressor with new unit supplied by BHEL.	No.	-	6	6
(ii)	Service Charges for Locating/Arresting Gas leakage in systems before gas charging. Note: Refrigerant to be supplied by Vendor.	No.	-	10	10
(iii)	Charges for supply & recharging Refrigerant as per compressor detail (R134 gas less than 01 Kg) Note: Refrigerant to be supplied by Vendor.	No.	-	3	3
(iv)	Charges for supply & recharging Refrigerant as per compressor detail (R134 gas higher than 1 Kg but less than 2.2 Kg) Note: Refrigerant to be supplied by Vendor.	No.	-	3	3
(v)	Charges for supply & recharging refrigerant as per compressor detail (R22 gas less than 01 Kg) Note: Refrigerant to be supplied by Vendor.	No.	-	3	3
(vi)	Charges for supply & recharging Refrigerant as per compressor detail (R22 gas higher than 1 Kg but less than 2.2 Kg) Note: Refrigerant to be supplied by Vendor.	No.	-	3	3
(C) VISIT CHARGES					
SNo	Description of Work				
1	Service charge per unit to attend, diagnose & rectify all breakdown of Oil Coolers, Panel ACs, Operator Pendent Acs (other than those B/Ds related to defective compressor/Refrigerant leakage/Gas Charging/ Complete wiring Replacement/ Cooling coil issue). All electrical control, Pressure safety/control items, fan motors, pumps etc should be checked thoroughly & replaced. (Not to be paid for Servicing & Repairing mentioned above).	No.	-	4	4

TECHNO-COMMERCIAL BID & PQC**PRE-QUALIFYING CRITERIA (PQC):**

1. Experience of having successfully completed similar work awarded at any Government Organization, Government undertaking or its enterprises in last 3 years as per detail mentioned under:
 - a) Three completed works having total award value of each contract not less than Rs.64,000/- plus taxes extra.
or
 - b) Two completed works having total award value of each contract not less than Rs.80,000/- plus taxes extra.
or
 - c) One completed work having award value not less than Rs.1,45,000 plus taxes extra.

PART I Technical Bid:

The Tenderers are required to submit their offer in two parts in two separate envelopes as mentioned under:

Part-I (Techno- commercial bid):

- Documents against work award & completion as per PQC.
- Proof/ Receipt against payment of EMD and tender cost. In case of MSME/NSIC vendors, valid EM-II certificate along with MSME certificate must be submitted for EMD/ Tender cost exemption.
- Signed & Stamped copy of special terms & conditions for confirmation of acceptance of the same.
- Copy of the proof indicating the nature, Date of establishment and address of the Organization, PAN, GST Registration certificate.

PART-II (PRICE BID) AS PER ANNEXURE-B.

Sign & Stamp of Vendor

PRICE BID					
(A)	SERVICING				
S.No	Description of Work	Rate	Frequency	Qty	Total
1	Half yearly servicing of Oil Chiller having cooling capacity higher than 3000 Kcal/hr & up to 6000 Kcal/Hr		2	7	
2	Half yearly servicing of Oil Chiller having cooling capacity up to 3000 KCAL/Hr		2	5	
3	Half yearly servicing of Electrical Panel AC having cooling capacity equal to 3500 watt and up to 4500watt.		2	5	
4	Half yearly servicing of Electrical Panel AC having cooling capacity higher than 350 W but less than 3500 watt.		2	11	
5	Half yearly servicing of Electrical Panel AC having cooling capacity less than 350 W.		2	6	
(B)	REPAIRING				
SNo	Description of Work	Rate			Total
(i)	Service Charges for replacement of Defective Compressor with new unit supplied by BHEL.		6	-	
(ii)	Service Charges for Locating/Arresting Gas leakage in systems before gas charging. Note: Refrigerant to be supplied by Vendor.		10	-	
(iii)	Charges for supply & recharging Refrigerant as per compressor detail (R134 gas less than 01 Kg) Note: Refrigerant to be supplied by Vendor.		3	-	
(iv)	Charges for supply & recharging Refrigerant as per compressor detail (R134 gas higher than 1 Kg but less than 2.2 Kg) Note: Refrigerant to be supplied by Vendor.		3	-	
(v)	Charges for supply & recharging refrigerant as per compressor detail (R22 gas less than 01 Kg) Note: Refrigerant to be supplied by Vendor.		3	-	
(vi)	Charges for supply & recharging Refrigerant as per compressor detail (R22 gas higher than 1 Kg but less than 2.2 Kg) Note: Refrigerant to be supplied by Vendor.		3	-	
(C)	VISIT CHARGES				
SNo	Description of Work	Rate			Total
1	Service charge per unit to attend, diagnose & rectify all breakdown of Oil Coolers, Panel ACs, Operator Pendent Acs (other than those B/Ds related to defective compressor/Refrigerant leakage/Gas Charging/ Complete wiring Replacement/ Cooling coil issue). All electrical control, Pressure safety/control items, fan motors, pumps etc should be checked thoroughly & replaced. (Not to be paid for Servicing & Repairing mentioned above).		4	-	
				Total	

GST No-

Total Amount in Rupees without GST: _____

Total Amount in Rupees with GST: _____

Sign & Stamp of Vendor

LIST OF OIL CHILLERS & PANEL A/C INSTALLED IN CNC MACHINES

I Oil Chiller having cooling capacity higher than 3000 KCAL/Hr & up to 6000 Kcal/Hr								
	MACHINE	MAKE	MODEL	CAP.	S.N	WT.	AMP	REF
1	HMC-650	SUNBEAM	OIL 24000	6000	02-06-12-153	1800	7A	134A
2	SPARE	SUNBEAM	OIL 24000	6000	2D-09-07-031	1700	7.5A	134A
3	VB CNC MARIO	SUNBEAM	OIL 24000	6000	2D-09-07-031	1700	7.5A	134A
4	SPARE	ADVANCE	OC-6000	6000	2505/04/2012	2200	11A	R134A
5	SPARE	ADVANCE	OC-6000	6000	2504/04/2012	2200	11.0A	R134A
6	PREMIER	WARKIN	DL-50T	5000	1067	2200	9.5A	R134A
7	SBCNC-55	AVON	ACSO 6000	6000	1084	2200	11.0A	R-22
II Oil Chiller having cooling capacity up to 3000 KCAL/Hr								
1	HMC-650	SUNBEAM	OIL 5000	1000	20-06-12-145	550	4.8A	134A
2	VBCNC-PREMIER	WARKIN	DL 13T +N	1285	1068		5.2	R134A
3	VB CNC MARIO	ADVANCE	OC-3000	3000	4937	1400	5A	R134A
4	SBCNC-60	ADVANCE	OC-3000	3000	3998	1400	5A	R134A
5	FGS-60	BLUBERG	BOC 2351	2250	9594	900	6.5	R-22
III Electrical Panel AC having cooling capacity equal to 3500 watt and up to 4500watt								
1	SPARE	SUNBEAM	CNC 18000	4500	2D-09-391	1200	10A	R22
2	VERT.RUSSIAN	SUNBEAM	CNC 18000	4500	2D-09-390	1200	10A	R22
3	MARIO	SUNBEAM	CNC 12000	3500	2A-09-392	800	7.5A	R22
4	SBCNC-60	ADVANCE	TURBO- 3500-	3500	45198/05/2012	700	11A	R134A
5	SPARE	ADVANCE	TURBO- 3500-	3500	45199/05/2012	700	11A	R134A
IV Electrical Panel AC having cooling capacity higher than 350 watt and less than 3500 watt								
1	HMC	RITTAL	SK3298.100	1400	NA	NA	NA	134A
2	HBR. RUSSIAN	SUNBEAM	CNC 4000M	1000	20-08-773	550	2.8A	134A
4	VBCNC MARIO	TEXA	EG020LMEA00	2000	14729	590	2.5A	134A
5	CNC GIORIA	RITTAL	SK3329.140	2500	D15770	950	3.8	134A
6	CNC GIORIA	RITTAL	SK3329.140	2500	D15758	950	3.8	134A
7	SKODA SK 25A	ADVANCE	TURBO 2400-	2400	25593/ 09/2009	550	7.5A	R22
8	SBCNC-55	ADVANCE	TURBO 1500	1500	39019/08/2011	500	5.5A	R134A
9	NH-26 CNC	MCLEAN	28-0325-003	879	280325-831274	680	5	R22
10	PTC 1600	ADVANCE	TURBO2000R6	2000	24350/09/2009	500	6.5	R-22
11	FGS-50	ADVANCE	TURBO1000R3	1000	48566/01/2013	380	3.5	R134A
V Operator Pendant AC having cooling capacity less than 350 W								
1	HMC-650	SUNBEAM	CNC 1200SGN	350 W	2A-06-1369	250	1.8A	134A
2	VBCNC MARIO	RITTAL	NA	300 W	-	-	-	134A
3	SBCNC-60	RITTAL	SK3368-230	300 W	145 / 04.11.09	200	1.6A	134A
4	SBCNC-55	ADVANCE	TURBO 250	250 W	39973/10/2011	230	2	134A
5	CNC GIORIA	RITTAL	SK 3303100	275 W	D35559	100	1.7	134A
6	PTC 1600	ADVANCE	TURBO 250	250 W	39414/09/2012	230	2	134A

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S.N.	SPECIAL TERMS AND CONDITIONS
1	The Annual Maintenance Contract is being awarded for maintenance of oil Coolers, Electrical Panel & Operator Pendant ACs installed in CNC & PLC Retrofitted machines, at BHEL HERP Varanasi for carrying out work as per scope of work mentioned in this NIT.
2	All defective spare parts required for replacement during servicing /repairing will be provided by BHEL free of cost. However, in the case of replacement of compressor/ refrigerant charging on account of leakage in pipe, the vendor shall provide kits, filters, capillary, refrigerant, drier etc. required for completion of work. Party has to quote their rates considering cost of gas, other spares and labour charges.
3	List of all the existing installations along with their technical specifications are attached as Annexure-C.
4	Party shall arrange all Tools and Tackles for all work at the site at their own cost and risk and no extra charges shall be paid by BHEL. Free electricity will be provided by BHEL.
5	<p>PAYMENT TERMS: BHEL HERP will make payments in two parts:- PART-1: BASIC INVOICE VALUE AND ALL OTHER CHARGES (EXCEPT GST AMOUNT) WILL BE PAID WITHIN 15 DAYS OF SUBMISSION OF INVOICE FOR RUNNING BILL & 30 DAYS FOR FINAL BILL. PART-2: GST PORTION OF INVOICE VALUE WILL BE PAID ONLY AFTER FULFILLING FOLLOWING CONDITIONS: (A) PAYMENT OF GST AMOUNT IN TO GOVT ACCOUNT BY SUPPLIER AGAINST INVOICE RAISED TO BHEL. (B) FILING OF GST RETURN WITHIN SCHEDULED DATE (C) DISPLAY OF GST CREDIT AGAINST BHEL GSTIN NO 09AAACB4146P2ZC ON GSTN PORTAL. NOTE: ADVANCE PAYMENT IS NOT ACCEPTABLE BY BHEL HERP VARANASI IN ANY CASE.</p> <p>TAXES & DUTIES CLAUSE: 1. Goods and Service Tax (GST) for the execution of the contract shall be payable extra as per prevailing rate (Present rate 18%) 2. New taxes and duties, if imposed subsequent to the due date of offer submission by statutory authority during contract period (including extension if the same is not attributable to you) shall be reimbursed by BHEL on production of relevant supporting documents to the satisfaction of BHEL. However you shall take prior approval from BHEL before depositing new taxes and duties.</p>
6	EMD: The earnest money shall be 2% of the contract value i.e. Rs.3180.00 which is to be deposited by the tenderer through NEFT to BHEL Bank Account mentioned in NIT.
7	Security Deposit: The party has to submit requisite Security Deposit within 15 days of award of work. The amount of security deposit shall be confirmed in the LOI/award of contract.
8	Warranty Clause/ Defect Liability period: There shall be six-month warranty against workmanship of the party. The date of warranty shall be calculated from the date of completion of work.
9	L.D. Clause: The half yearly Maintenance shall be carried out by the successful bidder within 07 days of receipt of intimation from BHEL through email. The repairing work & visit for attending work shall be completed by the successful bidder within 07 days of receipt of complaint. If party fails to meet above schedule, penalty for the late delivery shall be implemented at the rate of 0.50% per week of such work. The total LD on the contract shall be limited to maximum limit of 10% applicable on the total Contract value.
10	All vendors registered under GST must submit the details of GST registration. Such vendors should mention separately appropriate GST rate as extra in their offer/invoice for each item. Vendors not covered under GST must inform the same to BHEL in writing on their letter head with supporting document.
11	BHEL works policy-2016 & General Conditions of Contract running in total 23 pages shall be applicable on this contract. If there is any difference between general conditions of contract and special terms and conditions then special terms and conditions shall be applicable.