



अनुरक्षण एवं सेवाएं
सेन्द्रल फाउन्ड्री फोर्ज प्लान्ट
भारत हेवी इलेक्ट्रिकल्स लिमिटेड
हरिद्वार- 249403, भारत

फोन : 01334-284060 ई-मेल/E-mail: akaithal@bhelhwr.co.in

NOTICE INVITING TENDER

Date: 10.09.2014

Sealed tenders are invited in two parts i.e. (i) Techno- Commercial Offer and (ii) Price Bid, through registered post / speed post/ courier/ by hand on or before **18.10.2014 up to 02:00 PM** from **Parties meeting the qualifying criteria** for the under-mentioned work. The party must submit documentary proof of meeting the qualifying requirements mentioned below in **Pre-Qualification Criteria (Annexure-I)** in "Techno-Commercial envelope".

Last date of **SALE** of tender : **17.10.2014 up to 03:30 P.M.**
Last date of **SUBMISSION** of tender : **18.10.2014 at 02:00 P.M.**
Date of **OPENING** tender : **18.10.2014 at 02:30 P.M.**
Place of sale & **SUBMISSION** of tender : **Office of Dy. Manager (Steel Fdy. & Crane Maint.),
First Floor, Steel Foundry, Administrative Building
CFFP, BHEL, Hardwar.**

Tender documents can be obtained on submission of application along with tender cost (non-refundable) in the form of

(a) Cash Receipt (Cash receipt to be obtained on submission of cash (Tender cost) in CFFP, BHEL cash counter in Haridwar) or

(b) Demand Draft to be made in favour of Accounts Officer, CFFP, BHEL, Haridwar.

(Plus ₹ 100.00, if documents are required by post / courier) on any working day up to 03:30 PM.

Tender documents can be downloaded from the Website. In case downloaded from website, tenderer will have to submit the tender cost in the form of demand draft made in favor of Accounts Officer CFFP, BHEL Haridwar payable at Haridwar.

Parties are however required to ensure at their end that tender documents complete in all aspects reaches in CFFP on or before tender opening date and time without any plea of delay on any account.

For more details, please visit our website www.bhelhwr.co.in and may contact on 01334-284060,+91-7830430234, e-mail: akaithal@bhelhwr.co.in.

Tender no. & date	Name of Work	Est. cost for Two Year	Earnest Money	Period of work	Tender Cost
FF/14/MCR/RV/WC/03 dt. 10.09.2014	Annual Maintenance of all 60 Nos. EOT cranes including Turning Gears, DSL, RRC, load cell & PDB's etc. in CFFP, BHEL Hardwar.	₹ 189.52 Lacs (including PF, ESI, Bonus & leave etc.)	₹. 2.00 Lacs	02 Years	₹ 1000/-

The contract agreement will be executed for 02 years i.e. 2014-2016.

Note:

1. Tender cost & Earnest money must be submitted in separate along with Techno-Commercial offer
2. BHEL reserves the right to accept or reject any / all application(s) without assigning any reason thereof.
3. If any document/s submitted by Party is/are found false at any stage, the tender (Offer) / work order will be cancelled immediately with or without penalty, as deemed fit, to be decided by CFFP BHEL Haridwar only.

Ajay K Kaithal

Dy. Manager (Steel Fdy. & Crane Maint.)

Signature with Seal of Party



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TENDER SOLD TO: _____

TENDER NO. : FF/14/MCR/RV/WC/03

DTD. 10.09.2014

WORK: ANNUAL MAINTENANCE OF ALL 60 NOS. EOT CRANES INCLUDING TURNING GEARS, DSL, RRC, and LOAD CELL & PDB's IN CFFP BHEL.

Tender cost: ₹ 1000/- (Cash Receipt. / DD No. _____, Dtd. _____)

Last date for submission: 18.10.2014 at 02:00 PM

Date of opening : **18.10.2014 (at 02.30.00 PM),**

Place of opening : Office of Dy. Manager (Steel Fdy. & Crane Maint.),
First Floor, Steel Foundry, Administrative Building,
CFFP, BHEL, Haridwar

Earnest Money: ₹ **2.00 Lacs** (Cash Receipt. / DD No. _____, Dtd. _____)

CONTRACTOR'S PF NO. _____ ESI NO. _____

LICENCE NO. _____ VALID UPTO _____

SCOPE OF WORK:

Sl. NO	DESCRIPTION OF WORK
1.	Annual maintenance of all 60 Nos. EOT crane installed in CFFP (as listed in Annex-III) including turning gears, DSL, RRC, Load Cell, PDB's including breakdown and preventive maintenance during the contract period ensuring trouble free operation of cranes, turning gears and RRC system and timely attending of all complaints received for the equipment under contract in all 3 shifts including Sunday and Holidays as per requirement.
	Service Tax: Shall be paid Extra as applicable at the time of billing.

Tender documents contains the following:

1. Pre-Qualification criteria - Annexure-I (Pg 3)
2. Scope of work (Techno-commercial offer) with terms & conditions - Annexure- II (Pg 4-12)
3. List of Cranes under Annual Maint. Contract - Annexure-III (Pg 13-14)
4. Price Bid Format - Annexure-IV (Pg 15)

Dy. Manager (Steel Fdy. & Crane Maint.)

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Annexure – I

PRE-QUALIFICATION CRITERIA

(To be submitted in separate envelope with technical offer)

NOTE: AMC is required for the Cranes installed for Foundry & Forge Operations hence vendor is advised to understand the nature of work & work area before quoting.

Sl. No.	Details of Criteria	YES / No	Remarks
1.	Bidder has to submit details of carrying out similar nature of Crane maintenance work at any reputed heavy industry, Central Government/Public Sector Undertaking/State Government. Work order/ PO copies are to be enclosed.		
2.	Bidder must have experience of minimum of 07 years (ending 31st August 2014) in maintenance of EOT Cranes/ Turning Gear with RRC (Radio Remote Control) of at least 50 Nos. of EOT Cranes per year (of which 5% EOT Cranes of capacity 100 T and above, 10 % EOT Cranes of capacity 50 T and above, 30 % EOT cranes of capacity more than 10T but less than 50 T.) Crane list is to be enclosed.		
3.	The Financial value, of at least one AMC for not less than 50 Nos. of EOT Cranes, executed by contractor should be equal to more than ₹. 30.00 Lacs per year for last two consecutive financial years (2012-13 & 2013-14). Work order/ PO copies are to be enclosed.		
4.	Name and postal address of customers where similar nature of Crane maintenance work done.		
5.	Phone, FAX no and email address of the contact person of the customers mentioned for above clause.		
6.	Enclosing at least 3 (Three) Performance certificate from customer claiming satisfactory performance of crane maintenance work.		
7.	PF Code No.		
8.	ESI Code No.		
9.	Service Tax Registration No.		
10.	Income tax PAN No.		
11.	Valid Labour License from Labour Commissioner, Dehradun. (If not available then an undertaking to submit the same within 15 days after receipt of award letter)		
12.	Submitted Earnest Money and Tender Cost (in separate)		
13.	Validity of offer should be 120 days from the date of opening of Tender		
14.	Price Bid may be opened through Reverse Auction (RA) . Training and other details shall be intimated at appropriate time. RA shall free of cost to vendor. Note: In case CFFP BHEL Hardwar intends to open Price Bid through RA then vendor who are not agreeing their offer may not be considered for further processing and termed unacceptable.		

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Annexure – II

(TECHNO-COMMERCIAL OFFER)

DETAILED SCOPE OF WORK

A. Preventive & Breakdown maintenance

1. One work center should be supervised by a competent Supervisor for carrying out day-to-day breakdown maintenance, backlog clearance and scheduled preventive maintenance work.
2. The work mainly comprises of preventive & breakdown maintenance of all 60 nos. EOT crane with Turning Gear, Radio Remote Control System and Load Cell for maintaining them in trouble free operating condition throughout the contractual period.
3. Attending of all complaints, received in writing/ telephonically/verbal of the cranes, turnings gears and radio remote control system under contract in all 3 shifts, timely.
4. Preventive maintenance of all 60 nos. of cranes should be done as per check list, once every six months, check list should be filled up by the person himself while carrying out the work at site.
5. Total numbers of EOT cranes presently are around 60. Any additional crane(s) if added during the contract period will also be covered automatically under the purview of this contract.
6. Breakdown maintenance of all Cranes including Turnings Gear, load cell and radio remote control system in all 3 shifts during all working days including Sundays/Holidays.
7. Miscellaneous work such as transportation of spares to site, cleaning, sorting, handling and upkeep of stores, salvaging/repair of crane spares.
8. Supervision work related to crane maintenance.

B. Execution of work

1. Contractor should deploy 01 Engineer In-charge and 14 numbers of workers headed by 02 Supervisor's in "A" Shifts & 07 Workers with 01 Supervisor in "B" Shifts & 04 Nos. workers with 01 Supervisor in "C" shifts. Total = 30
2. Contractor will receive generally breakdown requisition (in duplicate) from Production Department of CFFP, BHEL directly. After endorsing the time of receipt, Contractor should hand over one copy of it to the production division immediately.
3. Immediately after the breakdown has been attended, the contractor will report back to production division and get their endorsement. Contractor should also inform the shop Maintenance In-charge regarding handing over of the crane to production department.
4. Contractor will also submit an analysis of breakdown/preventive maintenance & action taken for each crane every day to the Shop Maintenance In-charge with copy to Dy. Mgr. (Steel Foundry & Crane Maintenance) CFFP.
5. Contractor will contact Crane Maintenance In-charge to arrange SIV for requirement of materials/spares etc. Contractor should make his own arrangement to collect the materials/spares from place of storage/stores, etc. to site.

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TECHNICAL TERMS & CONDITION OF CONTRACT

1. 100% breakdown should be attended promptly within 10 minutes of reporting and handed over timely as per plan.
2. During contract period, successful bidder is supposed to provide preventive, priority-based, condition based and breakdown maintenance of Cranes including Turnings gear and Radio Remote Control System as mentioned in list of crane and should repair, modify and / or replaced anything or everything defective and or not operating correctly.
3. Preventive Maintenance plan/job scheduled along with checklist should be issued monthly from the office of In-charge Crane Maintenance. Check list duly filled must be submitted to Crane Maintenance In-charge.
4. Any unexpected critical breakdown complaint reported during 3 shifts should be attended on priority by redirecting staff.
5. All breakdowns reported should be attended and cleared on day to day basis. The person carrying out the preventive maintenance work/ activity should himself sign on the check list, mentioning his name with date & time of work.
6. While carrying out inspection/preventive maintenance work, action plan for the work noticed requiring maintenance should be generated.
7. If scheduled Preventive Maintenance/ breakdowns are experiencing delays, the schedule of actions should be prepared and reported to In-charge Crane Maintenance with proper explanation so that further delays are curtailed, else appropriate action deemed fit will be taken.
8. Critical cranes should be attended on priority by redirecting staff as per priority and instructions of In-charge crane maintenance.
9. Important backlog work (where crane is working but problem is pending) requiring repair/ maintenance modification on crane should be attended in time by submitting a schedule of action by in-charge work center.
10. In case the breakdowns are more at the point of time, the contractor should have to detain his staff and attend all the pending breakdowns after 04:00PM and CFFP/BHEL should not pay any compensation on this account.
11. The breakdowns should be attended promptly in all 3 shifts on working days as well as Sundays/ Holidays on verbal, written or telephonic requests from user or In-charge Crane Maintenance. Non written requests may be regularized with formal request later on.
12. After receipt of complaint, shutdown of crane should be taken in writing and information should be conveyed properly to all concerned. Appropriate displays & precautions should be taken while attending break down/preventive maintenance.
13. In-charge work center shall be responsible for preparing drawings, hand sketch/ report writing/ taking shutdowns in writings/ close supervision of work/ planning / schedule of action for work order/ registration number mentioned in daily log-book.

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14. When repair/ maintenance /modification works gets completed, the actual time (in hours), material consumed, total down time and order information should be reported to In-charge crane maintenance in the daily report format given.
15. A weekly meeting (every Tuesday at 01:45 PM) with In-charge works centers, Engineers In-charge should be held in the office of In-charge Crane Maintenance.
16. Quality maintenance work and environment friendly activities along with necessary documentation/ paper work should be carried out, as BHEL is ISO-9001(2000), ISO-14000 & OHSAS-18001 certified.
17. **Miscellaneous crane maintenance activities.**
 - a. Arrangement and transportation of spares/ materials needed from various stores and shops to work place / site should be carried out by contractor.
 - b. Cleaning, stacking, sorting, handling and upkeep of crane maintenance store, works center stores (including 5S activities) should be carried out by contractor.
 - c. Salvaging/ repair work of crane spares & other crane items should be carried out by contractor.
 - d. Repair/Maintenance of Load Cell/RRC of Cranes will be carried by contractor as per instruction of site In-charge/Shop In-charge.
18. **Supervisions works related to crane maintenance**

Duties of site engineer are as follows:

 - a. Ensuring 100% jobs to be performed as mentioned in daily log-book giving registration/ work order number by their crane maintenance staff (including work order/ activities listed after inspection/ preventive maintenance.).
 - b. Redirecting crane maintenance staff on emergency or urgent maintenance jobs as per priority and instructions of In-charge crane maintenance.
 - c. Preventive Maintenance activities to be done proactively such that less than 20% work is performed under urgency, priority and instructions of In-charge Crane Maintenance.
 - d. Checking of 100% work at site for work quality and completeness.
 - e. Checking Preventive Maintenance activities of cranes breakdown histories to ensure good converge of Preventive Maintenance check points.
 - f. Taking feedback from supervisor for work performed, taking corrective/ preventive measures and reporting status to In-charge crane maintenance.
 - g. Planning Preventive Maintenance activities for zero failure (breakdown)/ complaints.
 - h. Evaluating cranes breakdown status and understanding situation.
 - i. Preparing drawings of part and schematic of Electrical parts
 - j. Referring check lists for checks points for nuts, bolts, lubrication, transmission, motors, LT & CT breaks and hosting mechanism.
 - k. Ensuring that supervisors are checking the maintenance work and guiding their staff in doing quality and completeness of work.



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- l. Checking cranes for any looseness, vibration, leakage and missing crane parts as per plan.
- m. Ensuring good lubrication, cleaning, and bolt tightening regularly
- n. Ensuring 90% of non-emergency crane maintenance works are getting completed within 4 days of initial request.
- o. In 80-100% preventive maintenance / inspection work conducted, generated a work order based on findings & Registration No. generation in daily log-book report and discussion with In-charge crane maintenance regarding report.
- p. Ensuring 100% cranes breakdowns are closed within 8 hours from the date and time of reporting.
- q. Ensuring that more than 95% of time, material is available in the stores when required by crane maintenance staff.
- r. Site Engineer should report daily to In-charge crane maintenance with following details.
 - i) Daily report CM-34 format.
 - ii) Status of scheduled Preventive Maintenance activities going on.
 - iii) Cranes reported for break downs, action planed and deployment of staff.
 - iv) Action on critical cranes work taken up based on priority/ urgency indicated by In-charge crane maintenance.
 - v) Status of backlog work clearance where crane is working and problem pending.
 - vi) Status of activities related to cleaning and up keeping of cranes.
 - vii) Status of activities related to cleaning, stacking sorting, handling and upkeep of stores.
 - viii) Status of salvaging/ repair work of crane spares & important items carried out.

19. Location of cranes:-

Contractor has to maintain cranes (EOT, Turning Gear, Radio Control System, Load Cell, DSL & PDB (for cranes) already installed at various shops/ areas inside factory area at CFFP/BHEL Hardwar.

20. Contractor's responsibility & obligation:-

- a. Contractor has to submit character certificate duly signed by District Magistrate within 15 days after receipt of work award order.
- b. Contractor should carry out the work at his own risk, finance, material, human resource and supervision.
- c. Payment of work should be made to the contractor on the basis of work carried out on measurement basis.
- d. Contractor should undertake to carry out specific work within a given time frame and for a specific amount.
- e. Contractor should have supervision on the conduct of his employees.
- f. Contractor should comply safety rules & provide safety appliances, uniform to his employees.
- g. Contractor should supply tools, tackles and materials to his employees.
- h. Contractor should arrange his own finance.

Dy. Manager (Steel Fdy. & Crane Maint.)

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- i. Contractor should submit a copy of Challan for deposition of provident fund along with a list of contract labour.
- j. Contractor should accept instructions from the In-charge maintenance/ authorized representative of BHEL.
- k. Contractor should decide number of staff to be deployed for execution of work.
- l. Contractor should submit a copy of wage bill towards payment made to his staff.
- m. Contractor should ensure payment of minimum wages to his staff as per BHEL wage rates revised time to time**, in presence of In-charge /Executive of Crane Maintenance department. Contractor is advised to be clear about the wages to be paid to the workmen. The prevailing wage rates of labour (per day) are as follows: **USW- ₹.388.69, SSW- ₹.434.38, and SW – ₹. 476.23.**
The wage rates are revised w.e.f. **1st February and 1st August. (i.e. 2 times) in a year.**
Payment of **bonus @ 8.33%** and **leave @ 8.33%** (or as applicable) to the workmen will be paid by contractor as per act /labour law. **PF/ ESI & Administration Charges**, etc. is to be deposited by contractor as per labour law. Payment should be released after submission of payment records and deposit slips.
- n. Contractor should ensure that when any contract labour is terminated or leaves, contract labour gets all his dues.
- o. The revised wages payment impact shall be covered through **PVC i.e., Price Variation Clause** whereby the percentage change in the labour rates shall be compensated accordingly over the monthly contractual value. The change in labour rate will be applicable for 17 SW (Skilled Worker including Supervisors & engineers) and 13 USW (Un-skilled worker) .
E.g. : If on ₹. X being the monthly bill as per contract and labour rates being ₹ A (SW) and ₹ .B (USW) then if labour rates are revised as ₹ 1.1*A (10%) and ₹ 1.1 *B (10%) then monthly bill shall be revised as $X+17*(1.1-1)*A + 13*(1.1-1)*B$
Say X = ₹.100000 with A=500 B=400 inclusive of PF, ESI, Leave & Bonus etc
Then with 10% wage increase it will be
 $=100000+ (17*50*1.35+13*40*1.35)$ PF, ESI, Leave & Bonus etc.(Say 35%)
 $=100000+850*1.35+520*1.35=100000+1147.50+702=101849.50$

21. Acceptance criteria:

The acceptance criteria regarding performance of work done by contractor should be judged by following.

- a. As per quality plan (Check list and Daily log book record)
- b. As per feedback from In-charge Shop Maintenance and In-charge Crane Maintenance.

22. Performance Evaluation

- a. The performance of work done should be evaluated as per schedule.
- b. The performance of should be evaluated conforming to quality plan.



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23. Supply of spares.

Contractor should arrange his own tools and tackles for removal, dismantling and reinstallation of hoist/motors. Gear boxes etc./However, all spares including consumables like gear oil, electrode, grease, cotton waste, contactors, relays, facilities like gas cutting, welding, machine facility, repair, rewinding of motors, coils etc. will be provided by CFFP/BHEL free of cost at ground level. But vigilant action for better parts and safe methods should be adopted voluntarily by the contractor to minimize down time of cranes.

24. Idle hours of cranes, Turning gear & RRC System:

- The contractor should attend all daily complaints on the day of reporting and no pending complaints should be allowed to be carried over to next day without sufficient reasons and this should be brought in to the notice of in-charge crane maintenance before closing of the day.
- All complaints received should be reported by the contractor to the in-charge crane maintenance and completed at the earliest.

25. Penalties:-

A. Late delivery/ finish/completion

- The firm is liable to be penalized for delayed work not as per schedule of actions mutually signed by deducting ₹. 1000/- amount per work order late delivered.
- A deduction of ₹. 1000/- amount should be made if work has not been performed as per Preventive Maintenance check list or if preventive maintenance check list not filled by the persons himself performing the work at crane, turning gear & RRC system.

B. Poor Quality work

The firm is liable to be penalized for poor quality of work by deducting ₹. 1000/- amount per crane work done, if the fault repeats within a month of preventive maintenance.

C. Deviation from scope

If backlog / repair remain un-repaired for more than 10 days (major Repairs), or more than 4 days (Minor Repairs) or for any other reason the firm is liable to be penalized @ ₹. 500.00 each late day after plan date, subjected to a maximum of ₹. 10,000/-, which will be deducted from their bills.

26. Transportation of Materials/spares

- During the period of contract the material/ spares needed during maintenance may be require to be shifted as and when required or as per instructions of in-charge crane maintenance.
- Contractor should make own arrangement for shifting the material/spares outside the factory the factory premises.



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27. Office & Residential Accommodation:-

1. Reasonable size room with telephone (MAX) facility maybe provided to the contractor within the complex to facilitate stations of service staff for attendance of complaints.

The accommodation should not be utilized for residential purpose by Contractor's staff.

2. CFFP may provide few quarters for residence in name of successful contractor, on as applicable commercial rent basis .The type and count of quarters shall be decided by BHEL Haridwar. CFFP BHEL Haridwar however may or may not allot quarters and may even take back possession after allotting quarters in running contract also. The quarters if allotted have to be vacated immediately after completion/termination of contract.

28. Stand by spares

Spares of crane items should always be kept ready as stand by near work center for replacement and this stock should be maintained throughout the period of contract.

29. Deployment of man power

Contractor will deploy 01 Engineer in-charge & 14 numbers of workers headed by 02 Supervisor's in A Shifts & 07 Workers with 01 Supervisor in B Shifts & 04 Nos. workers with 01 Supervisor in C shifts. **Total 30 (Engineer: 01, Supervisor: 04, Skilled worker: 12, Unskilled worker: 13)**

30. Maintenance of records

Contractor should maintain following records:-

1. Down time history cards for each crane.
2. Record of daily complaints received in writing/ telephonically face-to-face, preventive & breakdown maintenance, replacement / modification maintenance, indicating work carried out, spares replaced, pending work etc.
3. Record of crane preventive maintenance work should be done as per the check list given, and filled up by the person doing the work himself.
4. Daily breakdown reports.
5. Staff attendance and payment records.
6. The contractor should issue repair/ maintenance report for the work and maintain any other records as required by CFFP/BHEL, for better maintenance.
7. The contractor is required to make any other record/ report related to crane maintenance if demanded by In-charge Crane Maintenance.

31. Record of performance:-

The following records should be kept and maintained by the contractor to substantiate his performance:

1. Performance of cranes turning gear and RRC system before preventive maintenance



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2. Performance of cranes turning gear and RRC system after preventive maintenance.
3. Breakdown faults in cranes turning gear, Load Cell and RRC system after performing preventive /breakdown maintenance.

32. Period of contract:

1. The work order will be issued for two year. If the performance of contractor found unsatisfactory, the contract can be terminated at any time.
2. All cranes, turning gear & RRC system covered under the contract must be handed over to CFFP/BHEL or to the next contractor authorized by CFFP/BHEL in perfect running condition. Any cranes, turning gear & RRC system handed over in defective condition, the estimated repair charges will be deducted from contractor's final bill.
3. The contractor should quarterly evaluate and review his performance and plan necessary changes for the purpose.
4. The annual maintenance and service contract should be governed as per CFFP/BHEL rule & general condition of the contract.
5. Contractor should ensure meeting all statutory obligations as applicable from time to time during the contract period.
6. Preventive maintenance, as per plan, and inspection of cranes (fortnightly) should be done to ensure trouble free operation of the cranes.

33. Special Terms and condition

1. The contractor should maintain the following during the execution of contract, as applicable:-
 - i) Valid labour license from Asst. labour commissioner as applicable.
 - ii) P.F. code and abide by the relevant laws & rules.
 - iii) E.S.I. code and abide by the relevant laws & rule.
 - iv) Service tax registration as per labour rules.
2. The contractor should pay the minimum wages to his workman applicable from time to time.
3. Contractor should maintain the muster roll, wages to his workmen applicable from time to time.
4. In case of noncompliance of any of the labour laws act, the contractor will be responsible for expenses/ liability occurring / accruing on CFFP/BHEL on account of above including expenditure on legal proceeding. All such expense should be recovered from the contractor from any of his running contracts with BHEL or any contract entered thereafter.
5. The contractor should not employ a worker less than 18 year of age in the premises of CFFP /BHEL or otherwise during execution of his work.
6. The contractor should inform CFFP/BHEL for engaging or removing the labours from the site of work.
7. Contractor found or reported for non-compliance of the legal obligation during the execution of the contract, will be debarred from issue of NIT's for at least one year or till the proof of compliance is produced.

Dy. Manager (Steel Fdy. & Crane Maint.)

Signature with Seal of Party



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8. The said work should be governed by the specification, general terms and conditions of CFFP/BHEL contract, special condition environment related condition, safety rules and any other relevant conditions applicable from time to time.
9. Contractor should complete the work in time as per instructions of in-charge crane maintenance.
10. Contractor not completing the work as advised by the in-charge crane maintenance will be debarred for issue further NIT's. Appropriate action financial or otherwise may also be taken.
11. **The estimate is inclusive of PF and ESI to be deposited by contractor.**
12. Minimum 30 persons every day should be engaged on all working days in A+B+C shifts as per instructions of engineer in-charge to carry out the work satisfactorily. Work may require engaging of 30 or more labours on any particular day. In case labour is engaged for less than 750 man days in a month, a penalty of ₹. 500/- should be imposed for each short man days in the month.
13. Gate-passes/tokens to be issued by CISF unit should have to be returned to the pass section of CISF after completion of work, failing which recovery as applicable will be made from the bill of contractor.
14. No bill should be entertained until all the wages of workers on the date of bill submission are paid fully by the contractor
15. Contractor has to open an account in state bank of India (SBI), Ranipur, Hardwar and the payments from CFFP/BHEL against the work will be released to this account only by e-payment, in no case funds from this account are transferred to other project purpose. The funds must be utilized for this work only till its completion.
16. The contractor should not sub-contract any portion of the work to any other party.

NOTE: CONTRACTOR IS REQUIRED TO AGREE AND SIGN ON EACH PAPER BEFORE SUBMITTING THEIR OFFER

Dy. Manager (Steel Fdy. & Crane Maint.)

Signature with Seal of Party



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Annexure – III

LIST OF CRANES

SHOP	SL. NO.	CAPACITY	YEAR OF INSTALL
MACHINE SHOP	1	30/10 T	1976
	2	20/5 T	1976
	3	30/10 T	1976
	4	20/5 T	1976
	5	50/20 T	2011
	6	30/10T	2009
	7	75/20 T	1976
MEDIUM FORGE SHOP	8	10 T	1977
	9	25/10 T	1977
	10	30/10 T	1977
	11	40/10 T	1978
	12	50/10 T	1977
	13	60/10 T	1978
	14	50/15 T	2010
	15	5 T	1977
HEAVY FORGE SHOP	16	140/25 T – 1	1993
	17	140/25 T – 2	1993
	18	3 T	1994
	19	10T MONO RAIL	-
STEEL MELTING SHOP	20	10 T	2007
	21	5 T	1976
	22	10 T	1976
	23	20/5 T	1976
	24	20/5 T	1976
	25	50/10 T	1976
	26	30/10 T	1976
	27	130/20 T	1976
CENTRAL STORE	28	2 T	1974
	29	10 T	2007

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SHOP	SL. NO.	CAPACITY	YEAR OF INSTALL
STEEL FOUNDRY	30	10 T	1995
	31	15 T	1985
	32	50/10 T	1977
	33	80/20 T	1977
	34	5 T	1984
	35	15 T	1976
	36	20/5 T	1976
	37	40/10 T	1977
	38	20 T	1977
	39	25/5 T	1981
	40	5 T	1984
	41	120/30 T	2006
	42	70/20T	2009
	43	30/10T	2009
44	10 T	2006	
PATTERN SHOP	45	3 T	1975
	46	2 T	1984
LIGHT FOUNDRY	47	10 T	1975
	48	30/5 T	1970
	49	30/5 T	1975
	50	20/5 T	1975
	51	20/5 T	1970
	52	10 T	1970
	53	2 T	1970
	54	2 T	1993
	55	5 T	1970
	56	10 T	1995
	57	50/10 T	2012
	58	20/5 T	2011
	59	10 T	1970
OXYGEN PLANT	60	5T	-
OTHER (TURNING GEARS)	61	60T	
	62	20T	
	63	150T	

Dy. Manager (Steel Fdy. & Crane Maint.)

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Annexure – IV

PRICE BID

Name of work: **Annual Maintenance of all 60 Nos. EOT cranes including Turning Gears, DSL, RRC, load cell & PDB's etc. in CFFP, BHEL Hardwar.**

Tender No. & Date : FF/14/MCR/RV/WC/03 dt. 10.09.2014
Estimated Cost : ₹. 189.52 Lacs for 02 Year (Excluding Service Tax)
Period of work : Two Year
Earnest Money : ₹. 2, 00,000/-
Cost of Tender : ₹. 1000/-
Date of Tender Opening : 18.10.2014 at 02:30 PM

Bill of Quantity

Sl. No.	DESCRIPTION OF WORK	Qty.	Rate Per Month
1.	Annual maintenance of all 60 Nos. EOT cranes installed in CFFP (as listed in Annex-III) including turning gears, DSL, RRC, Load Cell , PDB's including breakdown and preventive maintenance during the contract period ensuring trouble free operation of cranes, turning gears and RRC system and timely attending of all complaints received for the equipment under contract in all 3 shifts including Sunday and Holidays as per requirement.	24 months	₹. _____ In words(_____ _____ _____)
Note: Service Tax will be Extra as applicable at the time of billing.			

Note: Rates are to be mentioned in figure as well as in words. If overwriting / un-readable figure found in rates, the rates offered in words will be final.

Dy. Manager (Steel Fdy. & Crane Maint.)

Signature with Seal of Party