

Filled tenders should be dropped in new vendor complex only – adj to Reception Counter – BHEL Admn Bldg

**Bharat Heavy Electricals Limited
Ramachandrapuram :: HYDERABAD – 502 032**

Website: //www.bhel.com
NOTICE inviting TENDER

Name of the department : (M&S DEPARTMENT/ P&C)

Tender Notice No: **M&S: P&C: 2011:001** DATE:**01/02/2011**

Sealed tenders in two bids (Techno-commercial & Price bids) are invited in sealed cover from reputed manufacturers of EOT Cranes / reputed firms specializing in maintenance of EOT and Gantry Cranes for maintenance of EOT, Gantry and Semi Gantry Cranes of capacity ranging from 1 Ton to 250 Ton inside BHEL factory area. The tender will be received by the undersigned from the contractors satisfying the pre-qualification requirements indicated below and will be opened on 25/02/2011 after 13.30hrs. in the presence of tenderer's or their authorized representatives in new vendor complex , BHEL, Ramachandrapuram, Hyderabad

Name of the Work : *Maintenance of 97 Nos. EOT Cranes, Gantry and Semi-Gantry Cranes in 02, 03, 04, 05, 07/10RS/210, 08, 09, 11,70, 71, 86, Compressor House, Diesel Power House, Scrap yard, 11 – Stores and 17 Nos bracket cranes / jib cranes in BHEL R.C.Puram Factor- total 114 Nos.*

EMD : Rs.200,000/-
Approximate Estimated value of work : Rs104,09,321/- (incl of service Tax)
Cost of tender documents : Rs500/-
Last date for download of tender documents : 08/03/2011 – extended date
Last date for receipt of tender : **09/03/2011**, upto 11.00hrs – extended date
Date and time of tender opening : **09/03/2011**, after 13.30hrs
Period of completion
(Mention duration of the contract) : 24 MONTHS-
(Extendable by one more year)

Firm's address submitting NIT

M/s
.....

For & on behalf of BHEL

(**DEVESH RAJ**)
SR.DGM/ M&S/ Telecom, P&C

All pages should be signed and stamped before dropping the tender

EMD : An amount of Rs. 2,00,000/- towards EMD by the way of Demand Draft/Banker's cheque drawn in favour of "Bharat Heavy Electricals Limited" payable at Hyderabad and shall be enclosed to the tender bid part-A.

No other means of payment will be accepted.

PRE QUALIFICATION

The following conditions have to be satisfied by the tenderer, with documentary proof to be enclosed with tender bid **In case the agency fails to enclose the following documentary proof with tender the tender will be liable for rejection.**

Pre Qualification

The following conditions will have to be satisfied by the tenderer and documentary proof is to be enclosed along with the tender bid. **In case the bidder fails to enclosed the following documentary proof with tender, the tender will be liable for rejection.**

a) In case of Crane manufacturers

(i). The vendor should be manufacturer of EOT/ gantry cranes with an average annual turnover of Rs 8 Crores or above in the last three years as on date of enquiry and should be willing undertake the specified work.

(ii) The vendor should have manufactured at least 2 nos. EOT Cranes of 50 T capacity or higher in the last 3 years

Both the above conditions with documentary evidence should be fulfilled.

OR

(b) Incase of bidder being a firm in the area of AMC of Cranes

(i) Experience of having successfully completed AMC works of EOT / Gantry Cranes of minimum 1 no. of capacity 100 T or above. Atleast one performance certificate for having successfully executed AMC of Cranes in the last 7 years from GOVT/PSU should be enclosed.

(ii) Experience of having successfully completed maintenance of Cranes works during last 7 years ending last day of month previous to the one in which applications are invited should be either of the following:

3 works of maintenance of EOT Cranes completed works costing not less than the amount equal to 40% each of estimated cost Rs 41.64lakhs.

OR

2 works of maintenance of EOT Cranes completed works costing not less than the amount equal to 50% each of estimated cost Rs 52.05 lakhs.

OR

1 works of maintenance of EOT Cranes completed works costing not less than the amount equal to 80% each of estimated cost i.e Rs 83.27 lakhs.

NOTE: Experience in areas other than AMC of EOT/gantry Cranes will not be considered.

All the above two ie (i) & (ii) conditions with documentary evidence should be fulfilled- connected documentary evidence should be submitted along techno commercial bid.

3. Average annual financial turnover during the last 3 years, ending 31st March of the previous financial year, should be at least 30% of the estimated cost.
 4. ESI code no. with proof of allotment.
 5. P.F.Code no. with proof of allotment.
 6. VAT No / TIN No. with proof of allotment / applied proof / to be submitted before commencement of work.
 7. PAN number with proof of allotment.
 8. Valid Labour Licence : to be submitted before commencement of work.
 9. If the contractor has not quoted the rate for the any item(s), it is considered as incomplete tender and tender can not be accepted.
 10. The contractor shall affix his signature at the end of each page of this tender documents (technical and price bids).
 11. BHEL shall have the right to reject any tender based on past unsatisfactory performance.
 12. The rates quoted for all the items of work shall be exclusive of all Taxes and Duties levied by State / Central Government organization as well as Local authorities as applicable including works contract Vat / Service Tax etc. The agency shall submit proper document evidencing the payment of applicable Tax / Duty based on which BHEL can avail credit. Other wise the payment to the contractor will be reduced to that extent.
- II.(1) Tenders must be submitted in sealed covers addressed to Sr. DGM / M&S (P&C, TPT, Telecom & PD), BHEL, Ramachandrapuram, Hyderabad 502 032. Tenderer shall write Tender Notice No, and name of work and address of the tenderer on each sealed cover. In case the agency fails to comply any of the above, the tender will be liable for rejection.
- (2) The agency is responsible for all the statutory requirements & documentations for ESI / PF etc as per prevailing Government Rules / Labour Rules. Any amount payable by BHEL on account of these requirements shall be recovered from contractors bills / deposits.
- III. NOTES:-
1. Period of contract shall be as mentioned above.

2. Tenders are on two – part bid method (techno commercial bid and price bid).
3. Tender documents can be download through BHEL web-site <http://www.bhel.com>. Cost of document shall be paid in the shape of Demand Draft or Bankers Cheque or Pay Order and separately enclosed to the technical bid.
4. The requisitions for tender documents shall be addressed to **SR.DGM / M&S(P&C), 02 Annexe Ground Floor,,** BHEL, Ramachandrapuram, Hyderabad 502 032 along with Demand Draft/Banker’s Cheque drawn in favour of “BHARAT HEAVY ELECTRICALS LIMITED, HYDERABAD’ or payment of cash in BHEL Cash Office (No other Mode of payment will be accepted). Tender documents shall be collected in Person by the contractor or his authorized representative.
5. The agencies are advised to visit the work site to understand the nature of work / quantum or work in its true perspective to avoid any mis – under standing.
6. The tender documents may also be submitted through speed post or by post to reach within the stipulated date and time.
7. Tender bid with out EMD / Tender cost as stipulated are liable for rejection.
8. BHEL reserves the right to reject any or all tenders in part or in full without assigning any reasons.
9. BHEL reserves the right to split the work into convenient parts and award them to different contractors.
10. The conclusion of contract will be in the form prescribed by BHEL for the purpose. A copy of the general conditions of contract applicable to the above works is available for perusal at the office of the Sr. DGM / M&S (P&C, TPT, Telecom & PD) If a copy of the same is required for record, the same will be issued separately at Rs.100/- per set.
11. **PENALTY CLAUSE:**
As per point No 7 of Annexure V - pg 15
12. Those who are down-loading the tender documents from web-site must also pay cost of tender documents before last date of receipt. The DD’s against Tender Cost / EMD are to be enclosed in technical bid cover.
13. **Separate Covers (i.e.)**

Cover-A	-	for Technical Bid (sealed cover)
Cover-B	-	for Price Bid (sealed cover)
Cover-C	-	common cover for technical and price bid are to be submitted, super scribing the name of work and NIT number on each over.

14. Tender will be finalised on lowest cost to BHEL based upon the lowest rate of total value per annum. Thus arriving to total value of the tender other than applicable taxes and duties.
15. A tender may be rejected while scrutiny of technical bids in case there is unsatisfactory past performance in the execution of an earlier contract.
16. The rates quoted by the contractor shall indicate clearly monthly rate and taxes separately as applicable from time to time.
17. All the bills of the contractors will be cleared subject to the production of clearance certificate by the contractors in respect of compliance of all statutory requirements, issued by IR section of personnel department.

All payments will be directly credited to tender/ contractor bank account, for such transfers tenderer should furnish eft mandatory form as per the instructions/ directives of Reserve Bank of India

ANNEXURE- II



BHARAT HEAVY ELECTRICALS LIMITED
RAMACHANDRAPURAM : : HYDERABAD-32

TENDER NOTICE

No. M&S/P&C/2011/01 Date: 01.02.2011

1. Sealed Tenders will be received by the SR.DGM/M&S(P&C), Bharat Heavy Electricals Limited, Ramachandrapuram, Hyderabad-32 at his office up to **11.00** hours on **09.03.2011** for the work of “ **Maintenance of EOT Cranes in Zone- II.**” Ramachandrapuram, Hyderabad-502 032.A.P.. Tenders (Technical bid) will be opened in Bharat Heavy Electricals Limited, Ramachandrapuram, Hyderabad-32. on the same day at 13.30 hours in **new vendor complex** . The tenderers or their agents are expected to be present at the time of opening of the tenders. The tender receiving officer will, on opening such tender, attest over writings or corrections, if any, therein in the presence of the tenderer’s who may be present at the time. The tender should be in the form of obtainable from the Office of the Sr.DGM/M&S. The Andhra Pradesh Detailed Standard specification and other documents relating to the contract such as additional specifications, proforma for Bank Guarantees, descriptive specifications sheets regarding materials etc., can be seen at any time between 09.00 A.M to 14.00 Noon in the office of the Sr.DGM/M&S . Tender forms and other particulars regarding the proposed work can be obtained on any working day from 09.00 to 16.00 hours upto **08.03.2011** on payments of the prescribe sum of **Rs. 500/- through web** per set as non-refundable.

2. Tenders must be submitted in sealed covers and should be addressed to the Sr.DGM/M&S, Bharat Heavy Electricals Limited, Ramachandrapuram, Hyderabad – 32, the name of the tenderer and the name of the work being displayed on the cover.

If the tender is made by a individual, it shall be signed with his name and his full address shall be given, If it is made by firm, it shall be signed with the co-partnership name by a member of the firm, who shall also sign his own name and the name and address of each member of the firm shall be given. If the tender is made by a corporation, it shall be signed by a duly authorized officer who shall produce with his tender, satisfactory evidence of his authorization. Such tendering corporation may be required before the agreement is executed, to furnish evidence of it's corporate existence.

3. Each tenderer must pay as **Earnest Money Deposit**, a sum of **Rs.200,000/-** and enclose with his tender the receipt endorsed accordingly. The Earnest Money prescribed for this work may be offered in any of the following forms duly pledged to the Sr. Accounts Officer (CASH), B.H.E.L., Ramachandrapuram, Hyderabad-32.

- a) Cash Receipt from B.H.E.L., Cash Office
- b) Bankers cheque / Demand Draft.

The Earnest Money will be refunded to the unsuccessful tenderer after the intimation of rejection of the tender is sent. The Earnest Money will be retained in the case of the successful tenderer and get converted as a part of security Deposit for the due performance of the contract and in either case will not carry any interest. It will be dealt with as provided in the conditions attached to the tender.

When a tender is to be accepted, the tenderer whose tender is under consideration, shall attend the Office of SR.DGM/ M&S upon written information to him. He shall forth with upon intimation being given to him by the AGM/TA&HA of acceptance of his tender, complete the execution of the agreement by signing all documents connected there with, Failure to do so shall entail forfeiture of the Earnest Money Deposit.

4. EMD by the Tenderer will be forfeited as per Tender Document if.

- i) After opening the tender, the bidder revokes his tender within the validity period or increase his quoted rates.
- ii) The tenderer does not commence the work within the period as per LOI/Contract.

EMD shall not carry any interest.

If only a part of the work as shown in the tender is awarded, the amount of Earnest money will be forfeited with regard to the estimated cost of the work so awarded.

5. Tenderers shall persue carefully the instructions laid in General Conditions of the contract and all other relevant documents before tendering for the work. The approximate quantity of work to be executed under each class is given in Schedule – “A”. The quantities are given with a view to enable the tenderer to quote his over all rate to each clause of work in the tender form and for a uniform comparison of tenders. It shall be definitely understood that the Bharat Heavy Electricals Limited, does not accept any responsibility for correctness or completeness by commissions, deductions or additions at the discretion of accepting authority.
6. BHEL reserves the right to reject any tender or part thereof or all the tenders with out assigning any reasons thereof.
7. Tenders not submitted in proper form or in due time will be rejected.
8. The offer shall be valid for a period of 90 days from the date of opening of the tender.
- 9a. Security Deposit should be collected from the successful tenderer.

The rate of Security Deposit will be as below:

Upto Rs. 10 lakhs	:	10%
Above Rs. 10 lakhs Upto Rs.50 lakhs	:	Rs. 1 lakh + 7.5% of the amount exceeding Rs. 10 lakhs
Above Rs. 50 lakhs	:	Rs. 4 lakhs + 5% of the Amount Exceeding Rs. 50 lakhs

- 9b. Security Deposit may be furnished in any one of the following forms.
 - i) Cash (as permissible under the Income Tax Act)
 - ii) Pay Order, Demand Draft in favour of BHEL.
 - iii) Local cheques of scheduled banks, subject to realization.
 - iv) Securities available from Post such as National savings Certificates, Kisan Vikas Patras etc. certificates should be held in the name of

- the contractor furnishing the security and duly pledged in favour of BHEL and discharged on the back.
- v) Bank Guarantee from scheduled Banks / Public Financial Institutions as defined in the Companies Act. The Bank Guarantee format should have the approval of BHEL.
 - vi) Fixed Deposit Receipt issued by scheduled Banks / Public Financial Institutions as defined in the companies Act. The FDR should be in the name of the contractor, A/C BHEL, duly discharged on the back.
 - vii) Security Deposit can also be recovered at the rate 10% from the running bills. However in such cases at least 50% of the Security Deposit should be collected before start of the work and the balance 50% may be recovered from the running bills.
 - viii) EMD of the successfully tender shall be converted and adjusted against the security deposit.

NOTE: Acceptance of Security Deposit against Sl. No. (iv) and (vi) above will be adjusted to hypothecation or endorsement on the documents in favour of BHEL. However, BHEL will not be liable or responsible in any manner for the collection of interest or renewal of the documents or in any other matter connected therewith.

- 9c. Security Deposit shall not be refundable to the contractor except in accordance with the terms of the contract.
- 9 d. The Security Deposit should be furnished for each contract, SD. Will not continue for subsequent fresh contracts. SD will be refunded only after final bill claim and also settlement of the bonus @20% to the persons engaged for the period engaged.

ANNEXURE-III

**BHARAT HEAVY ELECTRICAS LIMITED
RAMACHANDRAPURAM:: HYDERABAD-502 032**

M&S DEPARTMENT / PLANNING & CO-ORDINATION

This tender schedule must be submitted along with the General Conditions, Technical points / conditions etc. enclosed herewith duly signed and stamped on each page with your covering letter. **Remarks should be TYPED/ hand written on tender schedule only.** Any deviations / deletions/ additions etc. may be neatly typed on your letter head and can be enclosed with techno- commercial bid document.

To be filled up by the Bidder

TECHNICAL CUM COMMERCIAL BID- PART A

Name of the Contractor :

Full Postal address

Email

Fax

Phone no.:

Contact person name;

Name of work : Maintenance of 97 Nos. EOT Cranes, Gantry & Semi-Gantry Cranes in 02, 03, 04, 05, 07/10RS/210, 08, 09, 11-Stores, 70, 71, 86, Compressor House, Diesel Power House, Scrap yard and 11-Stores and 17 Nos bracket cranes / jib cranes of BHEL R.C.Puram factory.

	Description	Contractor's Remarks.
1	<p>Experience</p> <p><u>A) In case of Crane manufacturers</u></p> <p>(i). The vendor should be manufacturer of EOT/ gantry cranes with an average annual turnover of Rs 8 Crores or above in the last three years as on date of enquiry and should be willing undertake the specified work.</p> <p>(ii) The vendor should have manufactured at least 2 nos. EOT Cranes of 50 T capacity or higher in the last 3 years</p> <p>Both the above conditions with documentary evidence should be fulfilled.</p> <p>OR</p> <p><u>(b) Incase of bidder being a firm in the area of AMC of Cranes</u></p> <p>(ii) Experience of having successfully completed AMC works of EOT / Gantry Cranes of minimum 1 no. of capacity 100 T or above. Atleast one performance certificate for having successfully executed AMC of Cranes in the last 3 years from any company should be enclosed.</p> <p>(iii) Experience of having successfully completed maintenance of Cranes works during last 7 years ending last day of month previous to the one in which applications are invited should be either of the following:</p> <p>3 works of maintenance of EOT Cranes completed works costing not less than the amount equal to 40% each of estimated cost Rs 41.64lakhs.</p> <p>OR</p> <p>2 works of maintenance of EOT Cranes completed works costing not less than the amount equal to 50% each of estimated cost Rs 52.05 lakhs.</p> <p>OR</p> <p>1 works of maintenance of EOT Cranes completed works costing not less than the amount equal to 80% each of estimated cost i.e Rs 83.27 lakhs.</p> <p>Write full details of work experience below.</p> <p>completion reports/ experience certificates should be enclosed for verification</p>	
2	ESI CODE No:	
3	PF CODE No:	
4	PAN No:	
5	Service Tax registration No:	

6	LABOUR LICENCE should be obtained from central labour commissioner (ATI, vidyanagar office) under section 12 (1) of R&A 1970 & Validity(either valid or under renewal should indicate) if not available, acceptance to submit before commencement of work:	
7	VAT NO: (if available) – for Job no. purpose	
8	Acceptance to carry out the maintenance activities as per Annexure - III and IV	
9	General conditions: Acceptance to undertake the work as per annexure V , VI & VII	
10	Acceptance to undertake the maintenance activity for 24 Months	
11	Validity of offer: Minimum 90 days from technical bid opening date.	
12	Tender cost Rs 500/- BHEL Cash Receipt / bankers cheque/ DD details	
13	EMD Rs. 200,000/- DD or bankers cheque drawn in favour of M/s BHEL - pg 7	
14	Security Deposit clause: acceptance (Details see Clause 9 - pg 7/8)	
15	Price quoted is firm during contract period also extended period. Quoted price : amount quoted and taxes shown separately . Tax invoice should be produced for payments, tax credits arrived will be availed by BHEL	
16	PAYMENT TERMS: Progressive payments on Monthly basis for the cranes maintenance work completed in all respects. Bill should be entered in measurement book with details (bill submission with HR clearance) - all payments will be credited to bank account through electronic funds transfer within 30 days	
17	<u>PENALTY:</u> Penalty will be levied as per the penalty clause of Annexure – V - Page 15	
18	The quoted prices are inclusive of all taxes and duties as per Clause 33 of Annexure V Please go through details:	
19	Acceptance to pay maximum wages, PF, ESI contributions, bonus 20%, BHEL allowance Rs38.65 per day etc to persons engaged in BHEL	
20	Acceptance to participate in reverse auction through on line.	

21	<p>TURNOVER- 30% of the estimated amount i.e Rs31.23 Lakhs per Year or can be averaged for 3 years. 09-10 08-09 07-08: Turnover copy certified by chartered accountant along with profit & loss & IT acknowledgement copy should be submitted along with bid</p>	
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Note

1. Techno commercial bids will be scrutinized with in short time. If any of the prequalification conditions are not met, the offers will be rejected without any further correspondence.
2. In case of a firm, shall be in the name of the firm. However in case of sole proprietor or individuals these can be on the name of the sole proprietor or individual.
3. Copies of turnover, experience and other relevant documents should be submitted along with technical bid
4. All the columns shall be filled with proper information, no blank is allowed.
5. The Tender will be finalized on lowest cost to BHEL basis after freezing all taxes/ duties.
6. Offers not accepting BHEL terms and conditions or offers with counter conditions are liable for rejection.
- 7. The Tenderer should quote the unit rate per month in the price bid. If the unit rate is not quoted, the offer shall be rejected. BHEL will not work back for unit rate. Offers will be evaluated based upon unit rate.**

Reverse Auction

ANNEXURE –A

Vendor address / Contact person details.

Sl. No.	Name of the vendor and their address	Contact person
1		<p>NAME: PHONE FAX MOBILE EMAIL ID:</p> <p>ALTERNATIVE PERSON: NAME MOBILE EMAIL ID:</p>

BHARATH HEAVY ELECTRICALS LIMITED
RAMACHANDRA PURA: HYDERABAD-502 032
M&S/ Cranes Department

SCOPE OF WORK

1. OBJECTIVE:

The objective is to outsource the maintenance and related activities of Cranes available in 02, 03, 04, 05, 07/10RS/210, 08, 09, 11, 70, 71, 86, Compressor House, Diesel Power House, Scrap yard, Rig up yard blocks and 11-Stores of BHEL, Ramachandrapuram factory. This document defines the detailed scope of work.

2. SCOPE OF WORK:

a. **BREAKDOWN MAINTENANCE:**

Breakdown maintenance of all components of EOT cranes mentioned in the document M&S/Cranes/Terms/Out Ba. & List of cranes is also enclosed.

MECHANICAL:

1. General checking of crane.
2. Topping oil in gearboxes
3. Checking lubrication of crane.
4. Lubrication of wire ropes.
5. Replacement of LT/CT wheels including bearings, wheel shafts, couplings, pedestals, gears, etc.
6. Drive mechanisms – LT, CT and hoist motions, replacement of gear boxes, bearings, oil seals, gas cuts, gears, input/output shafts, couplings, coupling bolts, drive shafts, pulleys, etc.
7. Wire Ropes – Replacement of wornout/broken/crushed/damaged wire ropes. Arranging for wire rope clamps.
8. Hook block of hoists – Replacement of damaged / wornout hooks. Replacement of damaged / defective pulleys and any other damaged components of the hook blocks.
9. Checking and replacement of crane end stoppers on LT/CT.
10. Restoration of trolleys at the time of derailment.
11. Checking and repairing bogie system on end carriages and repairing damages to structures.
12. Checking and replacement of brake units / brake liners, replacement of springs, adjustment of studs etc.

ELECTRICAL:

13. Attending breakdown of electrical nature.
14. Replacement / minor repair of motors.
15. Replacement of fuses / fuse holders in electrical panels.

16. Replacement of contactor or contact points, if necessary.
17. Replacement of cables.
18. Repair / replacement of incoming mains switches on panel.
19. Replacement / checking of brake units.
20. Maintenance of junction boxes of CT, LT, MH, AH, Pendent, etc.
21. Repair / Replacement of cable trolleys.
22. Repairs / Replacement of floor operation push button pendent including push buttons.
23. Repair / Replacement of master control switches.
24. Topping / Replacement of oils in brake units.
25. Tightening loose connection on terminal boards.
26. Checking / Repair / Replacement of CT, LT rotary and counterweight limit switches.

ELECTRONICS:

27. Repair of Radio remote control system and other electronics faults in Cranes
28. Repair / Replacement of remote control transmitter and receiver and
29. Replacement of PCB or push buttons of RRC in case of faults.
30. Replacement / Adjustment / Tuning of variable frequency drives (VVVF).

CLEANING OF CRANES:

31. All cranes to be cleaned 4 times at regular intervals in a year to remove any kind of waste materials / dust / oils/ grease, unused cables, etc.

b. PREVENTIVE MAINTENANCE:

32. Preventive maintenance of all EOT cranes mentioned in the document M&S/Cranes/Terms/OutBa at periodicity indicated by BHEL.

DOWN SHOP LEADS MAINTENANCE:

33. Cleaning of DSL lines.
34. Tightening of porcelain insulators and replacement
35. Replacing / checking of current collectors.
36. Alignment of DSL lines.
37. Checking of power supply connections and DSL lines (Power feeding).
38. Repair / Replacement of power cables for DSL lines.

GANTRY MAINTENANCE:

39. Tightening of bolts on both sides of the gantry rail.
40. Replacement of bolts and washers wherever missing.
41. Filling tail gaps by welding or keeping suitable rail pieces and grinding properly after welding.
42. Replacement of rail pieces / re-alignment wherever necessary with new material.
43. Checking of end stoppers and welding / bolting rectification.
44. Cleaning of gantry walkways for removal of any unused / waste material.
45. Keeping handrails provided on walkways platforms in good condition.

OUTSOURCING MAINTENANCE OF LIFTING MACHINES**1. OBJECTIVE**

The objective is to outsource the maintenance and related activities of Cranes available in 02, 03, 04, 05, 07/10RS/210, 08, 09, 11, 70, 71, 86, Compressor House, Diesel power House, Scrap yard, and 11-Stores of BHEL, Ramachandrapuram factory.

2. SCOPE OF WORK

Presently there are 114 nos. Cranes (of maximum capacity 250 tons) in these areas of work. The scope of work shall comprise the following:

- a) Breakdown maintenance
- b) Preventive maintenance
- c) Maintenance of Down Shop Leads (DSL)
- d) Maintenance of gantry rails.

3. TERMS & CONDITIONS

1. The contractor's personnel shall be available in the factory premises in all three shifts of all working days for attending maintenance of cranes.
2. Emergency breakdown during Sundays and holidays shall also be attended.
3. Sufficient staff shall be maintained by the contractor for undertaking the work.
4. Experience of personnel:

Engineers	Engineering degree with 2 years work experience or Diploma with 5 years work experience - 1 no
Supervisors	Diploma with 2 years work experience or ITI with 5 years work experience - 2 nos
Skilled Fitters / Electricians	ITI with work experience- 13 Nos
Unskilled workers	12 Nos.
Technician- Electronics	Diploma in Electronics with at least 1 year experience or ITI in Electronics with 5 years experience. Experience should be in the field of Electronics (Crane Drives) - 1no

All personnel being deputed shall have previous experience in maintenance of EOT / Gantry cranes.

5. Total number of cranes (EOT/ Gantry/ Semi Gantry) is presently 114 nos. In case of any addition of cranes in the areas of work, these should be covered automatically under the purview of this contract. In case of any addition of cranes in the areas of work to an maximum extent of 3 Nos, these should be covered automatically under the purview of this contract.
6. The scope of work will include complete repair of Mechanical, Electrical, electronic Radio Remote Control, Hydraulic, Structural, Pneumatic, etc items/components relevant to the cranes.
7. The cranes shall be maintained at an average uptime not less than 98% of the total available time.
8. A daily breakdown and monthly breakdown report (including downtime data of each crane) and report of major work shall be submitted to the In-charge/Cranes section after endorsement from concerned Block Maintenance In-charge.
9. The contractor shall adhere to the priority fixed by the Block Maintenance/Cranes In-charge for taking urgent repair work.

10. Preventive Maintenance work of the Cranes shall be done twice in a year as per the checklist provided by BHEL.
11. The Cranes, DSL and gantry shall be periodically cleaned.
12. As BHEL has been accorded with ISO-9001, ISO-14000 and OHSAS 18001 certifications, the contractor shall carry out qualitative work and environment friendly activities. Necessary documentation /paper work shall also be maintained.
13. Contractor shall arrange his own tools and tackles for removal, dismantling, assembling and reinstallation of hoist/motors/Gearboxes, etc. However, all spares including consumables like gear oil, dashpot oil, electrodes, grease, cotton waste, contactors, relays, etc and facilities like gas cutting, welding, machining facility, repair, rewinding of motors, coils, etc shall be provided by BHEL free of cost at ground level). However, the contractor to minimise the break- down time, shall adopt vigilant action for better parts / methods voluntarily.
14. Contractor shall maintain all records like breakdown forms, spares list, all other records pertaining to his work.
15. The contractor shall maintain accidents / incidents register.
16. For working at heights, Work Permit System shall be followed and record maintained.
17. No foreign/used unused/scrapped/broken parts shall be left on the crane/gantry/ bridge so that likely accidents due to their falling are avoided.
18. All used/worn out/scrapped/replaced spares/parts shall remain be the property of BHEL.
19. The contractor and their employees will observe all the laws/enactments, rules and regulations of BHEL and also the statutory and legal requirements of Central and State government.
20. Utmost care should be taken by the contractor to repair the cranes in a proper way and with quality workmanship so as to adhere to the safety requirements as per the latest version of AP Factories act.
21. All contractor's personnel shall use PPE's (Personnel Protection Equipment).
22. Contractor shall provide insurance cover to all the personnel employed by him.
23. The contractor shall indicate the total number of personnel that shall be made available for undertaking this work (giving break-up of engineers, supervisors, fitters, electricians etc.)
24. The contractor may visit BHEL works to understand the volume and total nature of work envisaged in this contract.
25. Two bid system shall be followed i.e the offer shall be in separate sealed covers. One for technical and commercial bid and other for price bid.
26. The contractors shall furnish adherence point-wise to all points of these specifications otherwise their offer shall not be accepted.

4. PERIOD OF CONTRACT

The period of contract will be for Two years. BHEL reserves the right to extend the contract for one more year with the same terms and conditions.

5. TERMS OF PAYMENT

Payment shall be made against submission of running bills on monthly basis on production of satisfactory performance report from the contract executing officer.

6. Penalty Clause:

Individual crane shall be maintained at uptime of atleast 98% (averaged in one calendar month) penalty shall be applicable/ leviable for example if 2 cranes out of 114 Nos have Uptime less than 98% during the month, the penalty shall be 2/114 of the monthly contracted value. Penalty shall be computed only in cases of deficiency of service or where the downtime is attributed to failure of the contractor. The maximum penalty shall be limited to 10% of the total contract value for the said month.

ANNEXURE- VI

I. General Instructions to the contractors (obligations) :

1. If the tender is made by an individual, it shall be signed with his full name and his address shall be furnished. If it is made by firm, it shall be signed with the co-partnership name by a member of the firm, who shall also sign his own name, also furnish the name and address of each member of the firm. If the tender is made by a corporation, it shall be signed by a duly authorised Officer who shall produce with the tender, satisfactory evidence of his authorisation. Such tendering corporation/firm is required to furnish evidence of its existence along with bid.
2. The EMD will be refunded to the unsuccessful Tenderers after award of the work. The earnest money will be retained in the case of the successful tenderers and either of the cases will not carry any interest. It will be dealt with as provided in the conditions attached to the tender.
3. Whenever a tender is to be accepted, the tenderer, whose tender is under consideration, shall attend the Office of " Officer Inviting the Tender " on the date fixed by written intimation to him. He shall forthwith, upon intimation being given to him by the " Officer Inviting the Tender " for acceptance of his tender, complete the execution of the agreement by signing all documents connected therewith. Failure to do so and not to commence the work within one month from the date of intimation, shall entail forfeiture of the earnest money.
4. Tenderers shall persue carefully the instructions and directions to the parties given in the tender document and the conditions there of and all other relevant documents before quoting the rates for the work. The approximate quantity of work to be executed under each class is given in the schedule. The quantities are given with a view to enable tenderer to quote his overall rate for each class of work in the tender form and for an uniform comparison of tenders. It shall be definitely understood that the schedule is liable to alterations at the discretion of accepting authority.
5. Tenderers shall keep the offer valid for a period of 90 days from the date of opening of tender. After submitting the tender, he will not recall his offer or modify the terms and conditions thereof. Should the tenderer fail to observe or comply with the foregoing stipulations, the EMD shall be forfeited.
6. Tenderers have to quote their rates in the tender schedule legibly written in figures and words and those not submitted in proper form are liable for rejection.
7. The submission of tender shall be strictly in accordance with the terms and conditions stipulated in this tender notice. No counter conditions will be acceptable or valid.
8. Contractor shall be deemed to have included in his tender price of all the plant, machinery and appliances required for the purpose of all operations connected with the work embraced under the contract to secure a satisfactory quality of work and rate of progress which in the opinion of the " Contract Signing Officer" will ensure the completion of the work within the time specified.
9. BHEL is having every right to split the schedule and to award the work to single or many parties on the lowest offered rates basis.
10. This is a time bound contract for period mentioned, and does not envisage any extension of time / period in normal course.
11. The rates quoted by the contractor should be firm for the contract period. There shall be no revision in contract rates during the period of the contract. Any increase of statutory levies during the period of the contract will be reimbursed on production of relevant proof of incurring expenditure for the same.
12. BHEL reserves the right to negotiate for price reduction with L1 party and negotiated price will be considered as contract amount for all practical purposes.
13. BHEL reserves the right to terminate the contract at any stage without assigning any reason.

14. The contractor must have phone facility at his office/ residence or cellular phone for proper communication.
15. On receipt of the job work order, party has to follow certain things regarding labour payments like a) payment to contract labour as per the minimum wages act 1971 (latest) by 7th during that paid month. B) PF compliance: as per Section 36B of Employee provident fund schemes 1952, by 7th of every month are to submit a wage register for the previous month duly signed by the contract executing officer by showing workers engaged, no of days worked, basic wage and Dearness allowance proportionate to days worked, PF & ESI amount deducted from each worker, Contract executing officer signature. By 15th of every month contributions made through bank challan, if delayed the contractor has to pay penalty of 17% of PF amount and 12% simple interest on the PF Amount for the delayed days to PF Authorities. Contractor shall comply with strictly.
16. Contractor is wholly responsible for injuries/ death of the person employed by him arising due to accident during the contractual period. At any point of time BHEL will not be responsible for any loss/ damage to the person arising out of accident for performing the contractual obligations.
17. Withdrawal from contract during contract period in BHEL, will entail forfeiture of security deposit.
18. Soon after acceptance of tender the contractor shall enter into a contract with BHEL, Ramachandrapuram, Hyderabad.
19. The contract agreement shall be entered with BHEL, Ramachandrapuram, Hyderabad on valid non judicial stamp paper of the value of Rs100/- to be purchased by the contractor at his own cost.
20. Labour engaged by the contractor should be disciplined & exhibit good behavior in dealing with employees of BHEL. Any misbehavior or conduct of any Person engaged by the contractor is not good, contractor shall change that person immediately or else it may even lead to termination of the contract & security deposit will be forfeited as penalty.
21. Any dispute arising out of this contract should be referred to the sole arbitration of General Manager/ M&S of BHEL, Ramachandrapuram, Hyderabad-502 032 or his authorized representative whose decision shall be final and binding on both the parties.
22. In case of any suit or other legal proceeding arising out of and relating to the contract to be entered into the courts at Hyderabad/ Secunderabad and Sangareddy (Medak Dist.) A.P only shall have the jurisdiction.
23. The contractor should abide by the company's CISF Security/ safety rules and provide such safety requirements as per statutory rules and requirements of the factories act.
24. In case of breach of any of the terms and conditions of the contractor, BHEL reserves the right to cancel the contract either in part or full.
25. The contractor can produce the bank guarantee, in the prescribed proforma valid for the contract period for a value calculated at the rates mentioned, towards security deposit. The claim period under the guarantee shall be valid for 3 months after expiry of the contract.
26. In the agreement no mention shall be made regarding the number or the sex of the laborers to be employed by the contractor. The agreement shall not contain provision to hire labour like number of men, category of men, and number of maydays from the contractor for any type of work. All types of job work agreements shall be based on clearly quantified volume of work only.
27. The Executing Officer shall ensure the execution of work on quantifiable basis taking into account equipment and machinery deployed rather than availability of labour.
28. Disputes, grievances between the contractor and his labour, will have to be settled by the contractor only.
29. The labour employed by the contractor, if found in abetting any of fellow labour or contractors or any BHEL employee, the same shall be considered as an act of indiscipline. Such labourers shall be removed from the services of the contractor, on the advice of BHEL. Further the contractor shall initiate every

necessary action in accordance with the relevant Laws, Rules & Regulations and enactments of state and Central Governments.

31. **The Tenderers should quote item rates , taxes and duties levied by state and other government organizations as well as local authorities as applicable ex: Service tax and are to submit the proper documents evidencing the payment or applicable tax based on which BHEL can avail credit otherwise payment will be reduced to that extent**

ANNEXURE- VII

CONTRACTOR'S OBLIGATIONS

I) CONTRACTUAL

- a) Contractor to ensure that the employees deployed in the premises of BHEL are physically and mentally fit and do not have any criminal record. Such employees should possess requisite skill, proficiency, qualification, experience etc.
- b) Contractor to maintain appropriate records of his employees deployed to carry out the job(s).
- c) Contractor will keep watch on his employees and he will be liable for any pilferage / loss to BHEL due to acts of omission and commission by his employees. Similarly, liability for any compensation to outsiders on account of any act of omission and commission by the employees deployed by the contractor shall lie exclusively with him.
- d) The contractor has to provide a distinct uniform different from BHEL employees. The uniform shall be kept in neat, tidy and wearable condition.
- e) Contractor to ensure that all precautions are taken for safety of his employees and equipments.
- f) In the event of termination of contract for any reason whatsoever, the contractor shall withdraw all his employees from the establishment of BHEL. In case contractor decides to terminate services of his employees, he should settle all terminal dues including retrenchment compensation.
- g) Contractor shall provide to his employees all tools, and equipments and maintain the same to carry out the job under the contract at his cost and if necessary contractor may take insurance policy of his men, material, equipments and tools and tackles.
- h) Contractor shall provide material at his cost as mentioned in the contract to his employees for carrying out the job.

II) TOWARDS STATUTORY LIABILITY

- a) All statutory requirements under Minimum Wages Act, 1948, Payment of Wages Act, 1936, Workmen Compensation Act. 1923, EPF & MP Act, 1952, Payment of Gratuity Act, 1972. ESI Act, 1948. The Contract Labour (R&A) Act, 1970, Payment of Bonus Act, 1965, Income Tax Act, Service Tax Act and all other applicable Acts shall be complied with by the contractor.
- b) Contractor shall comply with all statutory requirements, rules, regulations, notifications in relation to employment of his employees issued from time by the concerned authorities.
- c) Contractor shall ensure payment of statutory prescribed minimum wages as applicable from time to time in the presence of authorized representative of BHEL and maintain proper records of their timely disbursement. These records need to be preserved for a period of at least 3 years and should be made available even after the contract is over for any verification by the statutory authorities / BHEL authorities.
- d) Contractor to provide PF pass book to his employees and ensure payment of PF, EDLI, pension dues under EPF & MP Act, 1952 to the PRFC.
- e) Contractor shall ensure payment of ESI contribution under ESI Act, 1948 and provide ESI membership No. / card of each employee.
- f) Contractor shall produce proof of deductions as well as remittances of PF, EDLI, Pension, ESI contribution, administrative charges etc. wherever applicable and shall maintain proper records. Contractor to issue wage slips to his employees.

- g) Contractor shall furnish proper returns to the concerned statutory authorities and provide a copy of the same to BHEL.
- h) Contractor shall be solely responsible for non payment / delayed payment of wages / DA, contributions under EPF & MP Act, ESI Act etc.
- i) In case the contractor fails to make payment of wages to his employees or remittance of contribution to the concerned authorities, the security deposit / other dues / running bills under the contract can be utilized by BHEL to discharge the liability of the contractor.
- j) Contractor shall indemnify BHEL against all claims and losses under various Labour Laws, statutes or any civil or criminal law in connection with employees deployed by him.
- k) The liability for any compensation on account of injury sustained by an employee of the contractor will be exclusively that of the contractor.
- l) Contractor to obtain insurance cover for his employees / equipment / tools etc. and take third party risk insurance coverage at his own cost. BHEL shall not be responsible for any loss, damage, and pilferage of property and / or his employees.
- m) Contractor should have independent code numbers / exemptions under EPF & MP Act, 1952 and ESI Act, 1948 and shall cover his employees under the said codes.
- n) Payment of bonus under the payment of Bonus Act, Payment of gratuity under the Gratuity Act, and retrenchment compensation under Act will be the sole responsibility of the contractor.
- o) Over and above the daily wage rate, payment shall be made for leave with wages.
- p) Contractor shall observe Provisions of the Factories Act in respect of working hours, holidays, rest intervals, leave and overtime to his employee.
- q) Contractor shall be responsible for making payment of wages before expiry of 7 days from the last day of wage period and to ensure disbursement of wages in the presence of the authorities representative of contract operating division who shall record under his signature at the end of entries in the Register of wages.
- r) Contractor to obtain license under CL(R&A) Act, 1970.

Annexure-VIII

GENERAL TERMS & CONDITIONS (JOB WORK AGREEMENT TERMS AND CONDITIONS)

1. BHEL shall have the privity of the contract with the contractor only and will give instructions to the contractor or his authorized representative. BHEL will have nothing to do or be concerned with the employment of employees working for the contractor. The relationship between BHEL and the Contractor will be that of independent entities and nothing herein contained will amount to joint venture, partnership or an employer-employee relationship.
2. The contractor shall maintain regular contact with the designated employee(s) of BHEL and will interact on matters relating to the work awarded under this contract.
3. In case the Contractor does not carry out the Contractual / Statutory obligations or the services rendered by him are found to be unsatisfactory, BHEL shall bring the same to his notice and he will be obliged to discharge the obligations and rectify the deficiency / anomaly within three days time failing which, BHEL reserves the right to terminate the contract without assigning any reason whatsoever. In such an event, no damages will be payable for short closure of the contract.
4. The contractor shall deposit the security deposit amount with BHEL as per the conditions given at clause 9 (pg7/8)
 This security deposit shall be liable to be returned to the contractor after termination of the contract or at the end of it, subject to deduction on account of company dues, non-deposit of statutory dues etc.
 No interest shall be payable on the security deposit.

5. The decision of BHEL regarding interpretation of any of terms and conditions set forth in this agreement shall be final and binding on the Contractor.
6. Any matter arising out of or in connection with the agreement shall be under jurisdiction of Sangareddy / Hyderabad Courts.
7. Notwithstanding anything contained in this Agreement, the contract may be terminated by BHEL without assigning any reason thereof by giving a notice of 30 days to the contractor.
8. The contract will commence on (01.04.2011) date and will remain valid for a period of 2 years till (31.03.2013) date.
9. The contractor shall obtain complete bio-data of the labour, employment certificate and antecedent verification in the prescribed form for each labour and supervisor engaged by him and shall submit the same to the Personnel Department / IR section through the contract executing officers before commencement of the work.
10. The Entry permits are to be issued to the Contract Labour by Assistant Commandant CISF (Plant), based on the requisition submitted by Contract Executing Officer and forwarded by Dy. General Manager / Personnel.
11. The contractor shall make himself of his representative available at the work spot everyday during execution of work, for effective supervision.
12. The contractor shall attend to all inspections notified / conducted by the Personnel Department, Labour Department, P.F. authorities. Factory Inspectors ESI Inspectors or any other such authorities under the act.
13. Non – compliance of any provisions under the act/ rule/instructions / guidelines shall make the contractor liable for penal action including termination of contract.
14. Contractor shall furnish in a separate letter his place of residence and postal address. The delivery at the above named place or posting in a Post box regularly maintained by the post and telegraph department or sending letters registered for acknowledgement of any notice, letter or other communication to the contractor. Change in address shall come into force at any time by an instrument executed by the contractor and delivered to the Company official who has signed the contract.
15. The contractor must satisfy himself by personal study and understands thoroughly the scope of proposed work in detail and all conditions affecting the work before entering into the contract. There shall not be at any time dispute / complaint of any misunderstanding with regard to scope of work and interpretation.
16. Contractor shall in his absence keep competent agent constantly on the works and any directions or explanations given by the “Contract Signing Officer” or his representative to such agent shall be held to have been given to the contractor himself.
17. Contractor on the advise of company official shall immediately remove any person employed by him, who may in the opinion of the company official is incompetent or misconducts himself and such persons shall not be again employed on the works without permission of the company official.
18. The contractor shall give all notices required by the acts regulations , bylaws, legal acts and pay all fees in connection therewith unless and otherwise arranged and decided in writing with the company. He shall also ensure that no attachments are made against materials or work forming part of or for the use of the contractor. In all such cases, contractor shall protect and indemnify the company against any claim or liability arising from or based on the violation of any such laws, ordinances, regulations, orders, decrees or attachments either by himself or by his employees,

19. It shall be contractor's sole responsibility to protect the public and his employees against accidents from any cause and provide required safety equipments and shall indemnify the company against any claims for damages for injury to the person or property resulting from any such accidents and shall, where the provisions of the workmen's compensation act apply, take steps to properly insure against any claims there under.
20. In the event of any accident in respect of which compensation may become payable under the workmen's compensation act VIII of 1923 whether by the contractor or by the company as principle employer, it shall be lawful for the company to retain out of monies due and payable to the contractor such sum or sums of money as may, in the opinion of the company shall be final in regard to all matter arising in this clause.
21. No work shall be done on Sundays or on other declared holidays of the company without the written permission of the company officer incharge of the work. The contractor shall comply with the provisions of the Factories Act Rules framed thereunder if the same are applicable.
22. The contractor shall keep his work place clean and safe to avoid injuries to men and damage to equipments.
23. On the occurrence of an accident, which results in the death of any of the workmen employed by the contractor or which is so serious as to be likely to result in the death of any such workmen, the contractor shall within 24 hours of the happening of such an accident intimate in writing to the company official incharge of the work.
24. The contractor shall indemnify the company against all losses or damages sustained by the company resulting directly or indirectly from his failure to give intimation in the manner aforesaid including the penalties or dues if any and become payable by the company, as a consequence of failure, the company to give notice under the workmen's compensation act or otherwise confirm to the provisions of the said act in regard to such accident.
25. The contractor shall ensure adherence to all statutory requirements applicable to BHARAT HEAVY ELECTRICALS LIMITED, RAMACHANDRAPURAM, HYDERABAD - 502032
26. Notwithstanding the clause, in case of any financial loss incurred by the company on account of contravention of the Provident Fund regulations or any regulations of rule touching the same by the contractor, the contractor shall submit an undertaking to indemnify the company to the extent of the loss incurred by the company.
27. The contractor should engage only those labourers who shall be more than 18(eighteen) years of age.
28. The contractor shall provide the required safety equipment to the labourers engaged by him.
29. Contractor shall issue "Employment Card" as per statute to all the labour and supervisors covered under the job work contract.
30. The contractor shall be responsible to settle any grievances of the labour deployed by him.
31. Whenever the term "CONTRACTOR" is used, it shall be understood to refer to the particular person, firm or corporation with whom an agreement has been made by the concerned company official for executing the work defined in the concerned agreement and for the purpose of instructions regarding compliance with contract conditions, it shall include the contractor's authorised agents, who are entrusted with the work by contractor.
32. The decision of the "Contract Signing Officer" or any officer deputed by him duly authorized on his behalf, in respect of the rate of progress and the quality of work shall be final.
33. Contractor shall be deemed to have included in his tender price of all the plant. Machinery and appliances required for the purpose of all operations connected to secure a satisfactory

- quality of work within the opinion of the company will ensure the completion of the work within the time specified.
34. If at any time, during the progress of work or any part of it such methods or equipment appear to the company official to be insufficient or inappropriate for ensuring the quality of work required or rate of progress, he may order the contractor to increase their efficiency or to improve their quality of work and the contractor shall comply with such order and on failure of which the company may take such action as it deems it fit to improve the quality of work or the rate of progress required from the contractor and all such actions taken by the company shall be at the cost and risk of the contractor.
 35. It is open to the company to lend or supply to the contractor any tools, material and machinery that are needed by the contractor, which in the opinion of the company is essential to improve the quality or progress of work. The contractor shall pay such deposit or charges that may be fixed or determined by the company for any such articles or machinery lent or hired to the contractor.
 36. All rubbish as it accumulates shall be removed from the site to the point of disposal as indicated from time to time by the company. If this is not adhered to, the company shall remove the scrap and recover the cost of these operations from the bills of the contractor.
 37. Any sum due from the contractor on account of tools and plants, stores, or any other items provided by the company shall be deducted from the respective bill due to him.
 38. In case the contractor does not execute the work awarded to him as per the terms and conditions of the agreement, the same shall be got executed by some other contractor and the excess cost incurred shall be recovered from the contractor's security deposit/pending bills.
 39. In case of breach of any of the terms and conditions of the contract, a claim shall be lodged under the bank guarantee with the guarantor at the discretion of the competent authority of the company. On successful completion of the contract to the satisfaction of the company, the bank guarantee shall be released after due claim period.
 40. In the event of any question or dispute or under this contract, the same shall be referred to a competent Authority in the company for sole arbitration and his decision shall be final and binding on the parties to the contract.
 41. In case of any suit or other legal proceeding arising under this contract, the courts at Sangareddy (Medak Dist.) A.P / Hyderabad only shall have the Jurisdiction.
 42. Disputes, grievances between the contractor and his labour, will have to be settled by the contractor only.
 43. Nothing contained in the contract agreement and its conditions shall be deemed to preclude or render inoperative the service of any notice, letter or other communication upon the contractor personally.
 44. The decision of the "Contracting Signing Officer" shall be final and binding on the contractor on all technical questions which may arise touching the contract with respect to the quality workmanship, removal of improper work etc.,
 45. All disputes arising in connection with the contract shall be settled by mutual consultation. If no agreement is reached the dispute shall be settled in accordance with the provisions of the Arbitration and Conciliation Act, 1996 and the rules made there under. The dispute shall be referred for arbitration to any arbitrator to be appointed by the Head of the Unit. The award of the arbitrator shall be final and binding on both the Parties. The venue of the Arbitration shall be Hyderabad in India. The Award to be given by the Arbitration shall be a speaking award. All questions, disputes, differences arising under, out of or in connection with this contract shall be to the exclusive jurisdiction of Sangareddy Courts.

46.

LIST OF EOT CRANES				
Sl.No.	ASSET.NO.	LOCATION	CRANE DESCRIPTION	MAKE
1	02-1608	02 15 / 83 BLDG.	5 T E.O.T	N.S.E.
2	02-2027	02 AA1 BAY	5 T E.O.T	ROCKWELL
3	02-1952	02 AB BAY	5 T E.O.T	BRAITH WAITE
4	02-1950	02 AB BAY	5 T E.O.T	BRAITH WAITE
5	02-1953	02 BC BAY	5 T E.O.T	BRAITH WAITE
6	02-2955	02 BC BAY	30 / 5 T E.O.T	LITOSTROJ
7	02-1992	02 CD BAY	1 T SG E.O.T	SWIFT
8	02-1956	02 CD BAY	15 T E.O.T	HIND
9	02-1957	02 CD BAY	30 / 5 T E.O.T	LITOSTROJ
10	02-2959	02 CD BAY	50 / 8 T E.O.T	LITOSTROJ
11	02-1994	02 COIL SHOP	3 T E.O.T	GREAVES
12	02-2016	02 COIL SHOP STORE	5 T E.O.T	WMI
13	02-1962	02 CROSS BAY	5 T E.O.T	BRAITH WAITE
14	01-1784	02 DE BAY	20 / 5 T E.O.T	BRAITH WAITE
15	02-1990	02 DE BAY	100 / 20 T E.O.T	BRAITH WAITE
16	02-1993	02 DE BAY	120 / 30 T E.O.T	BRAITH WAITE
17	02-2727	02 DE BAY	50 / 8 T E.O.T	LITOSTROJ
18	03-1454	03 AB BAY	5 T E.O.T	GREAVES
19	02-1951	03 BC BAY	5 T E.O.T	BRAITH WAITE
20	03-1917	03 CD BAY	2 T E.O.T	TECHNICAL SERVICES
21	03-1920	03 CNC	2 T E.O.T	BHEL
22	03-1921	03 CROSS BAY	2.5 T E.O.T	GARLIC ENGG.
23	03-1503	03 CROSS BAY	5 T E.O.T	BRAITH WAITE
24	03-1918	03 CROSS BAY	2 T E.O.T	TECHNICAL SERVICES
25	03-1475	03 CROSS BAY	5 T E.O.T	MUKAND
26	03-1191/2	03 DE BAY	2 T E.O.T	N.S.E.
27	03-1916	03 DE BAY	5 T E.O.T	VOLTAS
28	04-1902	04 BC BAY	15 / 5 T E.O.T	SOUTHERN STRUCTURAL
29	04-1906	04 BC BAY	5 T E.O.T	BRAITH WAITE
30	04-1901	04 CROSS BAY	10 T E.O.T	HIND
31	04-1916	04 CROSS BAY	10 T E.O.T	HIND
32	04-1019	04 CUPOLA	3.2 T E.O.T	CZECH
33	04-1910	04 DE BAY	30 / 5 T E.O.T	LITOSTROJ
34	04-2901	04 DE BAY	25 / 5 T E.O.T	LITOSTROJ
35	04-1913	04 EF BAY	10 / 5 T E.O.T	W.M.I.
36	04-1908	04 FG BAY	5 T E.O.T	BRAITH WAITE
37	04-1904	04 HIGH BAY	30 / 5 T E.O.T	LITOSTROJ
38	04-2764	04 HIGH BAY	30 / 5 T E.O.T	LITOSTROJ
39	04-1950	04 PATTERN SHOP	3 T E.O.T	SWIFT
40	05-1616	05 AB BAY	7.5 T E.O.T	HIND
41	01-1747	05 BC BAY	30 / 5 T E.O.T	LITOSTROJ
42	05-1900	05 CD BAY	10 T E.O.T	HIND
43	05-1917	05 CROSS BAY	5 T E.O.T	BRAITH WAITE
44	05-1929	05 CROSS BAY	5 T E.O.T	BRAITH WAITE
45	05-2748	05 DE BAY	50 / 8 T E.O.T	LITOSTROJ
46	05-2912	05 DE BAY	15 T E.O.T	HIND
47	05-1909	05 EF BAY	5 T E.O.T	GREAVES

48	07-1807	07 AB BAY	3 T. E.O.T	N.S.E.
49	07-1808	07 AB BAY	3 T E.O.T	N.S.E.
LIST OF EOT CRANES				
Sl.No.	ASSET.NO.	LOCATION	CRANE DESCRIPTION	MAKE
50	07-1819	07 AB BAY	2 T SG E.O.T	CONSOLIATED ENGG.
51	07-1806	07 BC BAY	5 T E.O.T	BRAITH WAITE
52	07-1803	07 CD BAY	7.5 T E.O.T	HIND
53	07-1804	07 CD BAY	5 T E.O.T	BRAITH WAITE
54	07-1801	07 DE BAY	15 T E.O.T	HIND
55	07-1802	07 DE BAY	7.5 T E.O.T	HIND
56	08-1501	08 AB BAY	3 T E.O.T	GREAVES
57	08-1609	08 AB BAY	2 T E.O.T	SHIVPRA
58	08-2350	08 BC BAY	5 T E.O.T	BRAITH WAITE
59	08-1601	08 CD BAY	3 T E.O.T	N.S.E.
60	09-1191/1	09 AB BAY	2 T E.O.T	N.S.E.
61	09-1191/2	09 BC BAY	2 T E.O.T	N.S.E.
62	09-1191/3	09 CD BAY	2 T E.O.T	N.S.E.
63	11-1036	11 AB BAY	5 T E.O.T	BRAITH WAITE
64	11-1038	11 AB BAY	5 T E.O.T	KHANDELWAL
65	11-1039	11 CD BAY	5 T E.O.T	KHANDELWAL
66	11-1040	11 CD BAY	5 T E.O.T	KHANDELWAL
67	17-1011	17 BLDG. (COMP HOUSE)	5 T E.O.T	N.S.E.
68	04-1013	27 BLDG. (SCRAP YARD)	15 T E.O.T	HIND
69	70-1513	70 BC BAY	5 T E.O.T	W.M.I.
70	70-1514	70 BC BAY	15 / 5 T E.O.T	W.M.I.
71	70-1515	70 BC BAY	5 T E.O.T	W.M.I.
72	70-1501	70 CD BAY	15 T E.O.T	HIND
73	70-1517	70 CD BAY	30 / 10 T E.O.T	GREAVES
74	70-1510	70 CD BAY	15 / 5 T E.O.T	FAFECO
75	71-4551	71 BLDG.	15 T E.O.T	KHANDELWAL
76	71-4552	71 BLDG.	15 T E.O.T	KHANDELWAL
77	71-4579	71 NEW BAL. TUNNEL	10 T E.O.T	W.M.I.
78	04-1951	New DPH	5 T E.O.T	SHIVPRA-BHEL
79	04-1915	Old DPH	2 T SG E.O.T.	INDEF-BHEL
80	04-1921	RIG UP YARD	2 T SG E.O.T.	SWIFT
81	02-2033	02 SUPER BAY	50 / 15 T E.O.T	GRIP
82	02-2034	02 SUPER BAY	250 / 50 T E.O.T	MUKAND
83	02 - 2087	02 - Coil shop	1T EOT	NR ENGG
84	02 - New	02 - New IMP Plant	10 T EOT	SHIVPRA
85	04 - New	FG Bay	15 T EOT	SHIVPRA
86	70 - 1220	AB Bay	40/10 T EOT	CRANEX
87	70 - 1221	AB Bay	40/10 T EOT	CRANEX
88	04 - New	Sand Bay	10 T Semi Gantry	AACCESS EQUIPMENTS
89	SRL	New Compressor House (SRL)	2 T EOT	SHIVPRA-BHEL

LIST OF SEMI-GANTRY CRANES				
1	04-1953	04 FG BAY	5 T SEMI GANTRY	GREAVES
2	04-1954	04 FG BAY	5 T SEMI GANTRY	GREAVES
3	70-1516	70 CD BAY	2 T SEMI GANTRY	GREAVES

LIST OF GANTRY CRANES				
1	02-2024	02 CD BAY	3 T GANTRY	SHIVPRA
2	03-1473	03 BLOCK (OUT SIDE)	3 T GANTRY	SOUTHERN STRUCTRAL
3	02-1766	05 CDC (OUTSIDE)	15 T GANTRY	GARLIC
4	11-1022	11 STORES	5 T GANTRY	W.M.I.
5	06-1740	86 BLDG. (02 TESTING)	15 T GANTRY	N.S.E.

LIST OF BRACKET CRANES				
1	02-2960	02 DE BAY (E ROW)	3 T Braket crane	GARLICK
2	04-1912	04 CD BAY	5 T BRACKET	BURN & COMPANY

LIST OF JIB CRANES/SAND GRAB				
1		03 BLOCK - PICKLING	0.5 T CRANE	
2	71-4902	71 BLDG - BAL TUNNEL	2 T CRANE	
3		02 BLOCK - ROT WNDG	1 T CRANE	
4		05 BLOCK - CROSS BAY	2 T CRANE	
5		05 BLOCK - MOULDING	0.5 T CRANE	
6		05 BLOCK - MOULDING	0.5 T CRANE	
7		04 BLOCK - FG BAY	1 T CRANE	
8		04 BLOCK - FG BAY	1 T CRANE	
9		04 BLOCK - HIGH BAY	5 T CRANE	
10		08 BLOCK - PICKLING	2 T CRANE	
11		08 BLOCK - PICKLING	2 T CRANE	
12		08 BLOCK - PLATING	0.5 T CRANE	
13		WORKS CANTEEN	0.5 T CRANE	
14		SAND GRAB1-04 BLOCK	NAP	
15		SAND GRAB2-04 BLOCK	NAP	

Should be submitted In a separate cover in sealed condition.

Part- B

PRICE BID FORMAT

ANNEXURE-I

**SCHEDULE OF WORK FOR “OUTSOURCING MAINTENANCE OF CRANES
(EOT/ Gantry Cranes/ Semi gantry cranes etc.)
TWO YEARS PERIOD**

Sl. No	Description of work	Quantity	Unit	Unit Rate Rupees	Amount Rupees
1	Breakdown and Preventive Maintenance of 114 Nos. EOT Cranes, Gantry and Semi-Gantry, jib cranes, sand grab units, bracket cranes in 02, 03, 04, 05, 07/10RS/210, 08, 09, 11, 70, 71, 86, Compressor House, Diesel Power House, Scrap yard and 11-Stores of BHEL, R.C.Puram factory. a. Breakdown Maintenance including electrical, mechanical, electronics, remote controls etc b. Preventive Maintenance c. Maintenance of DSL d. Maintenance of Gantry As per Annexures III & IV	24 Months	Monthly Charges		

Total amount Rupees :

Rupees in words:

Taxes if any:

Acceptance to undertake the work for 3rd consecutive year at same price, terms and conditions

Bidders Signature with seal