



भारत हेवी इलेक्ट्रिकल्स लिमिटेड

(भारत सरकार का उपक्रम)

BHARAT HEAVY ELECTRICALS LIMITED

(A Govt. of India Undertaking)

TCN - 01

Ref: PSER:SCT:VIZ:F1205:TCN-01

Date: 31-05-2011

Sub	Tender change notice (TCN) 01.	
Job	<i>Hiring of Two (2) no. Tower Crane for 2 X 520 MW HNPCL/ VIZAG TPP, Vishakhapatnam, AP.</i>	
Ref	1.0	Tender no PSER:SCT:VIZ:F1205:11
	2.0	BHEL's NIT vide reference no PSER:SCT:VIZ:F1205 Dated:26-05-2011

With reference to above, following points, relevant to tender, may please be noted & complied with while submitting offer.

- 1.0 Scope for Hiring of One no. Tower Crane for 1 x 250 MW D. P. L. unit # 8, Durgapur, West Bengal is included in the scope of above tender.
- 2.0 Tender No PSER:SCT:VIZ:F1205:11 shall stand changed to Tender No PSER:SCT:MIS:F1205:11 covering Hiring of Tower Cranes for both the projects.
- 3.0 Revised NIT including pre-qualification criteria, superseding earlier NIT.
- 4.0 Revised Volume-II (Rev-01)-(Technical Specification & Special Conditions of Contract) , superseding Volume-II issued earlier along with NIT.
- 5.0 Revised Volume-III-(Rev-01)- (Price Schedule), superseding VOL-III issued earlier along with NIT.
- 6.0 All other terms & conditions shall remain unchanged.

Thanking you,

Yours faithfully,
for BHARAT HEAVY ELECTRICALS LTD

DGM(SCT)

Encl:

- 1.0 Revised NIT
- 2.0 Revised Technical Specification & Special Conditions of Contract - VOL-II (Rev-01)
- 3.0 Revised BOQ cum price schedule format (VOL-III- PRICE SCHEDULE, REV-01)

पावर सेक्टर पूर्वी क्षेत्र (मुख्यालय)

POWER SECTOR EASTERN REGION, DJ-9/1, SALT LAKE CITY, KOLKATA - 700 091

फैक्स/Fax : (033) 23211960 फोन/Phone : बोर्ड/EPABX : 23211691



भारत हेवी इलेक्ट्रिकल्स लिमिटेड

(भारत सरकार का उपक्रम)

BHARAT HEAVY ELECTRICALS LIMITED

(A Govt. of India Undertaking)

Ref: PSER:SCT:MIS:F1205

Date: 31-05-2011

NOTICE INVITING TENDER

NOTE: INTENDING BIDDER TO PARTICIPATE MAY DOWNLOAD FROM WEB SITES OR PURCHASE TENDERS FROM THIS OFFICE ALSO

Sealed offers are invited from reputed & experienced bidders (meeting PRE QUALIFICATION CRITERIA as mentioned in Annexure-I) for the subject job by the undersigned on the behalf of BHARAT HEAVY ELECTRICALS LIMITED as per the tender document. Following points relevant to the tender may please be noted and complied with.

SALIENT DETAILS OF NIT		
SL.NO	ISSUE	DESCRIPTION
1.0	SUBJECT OF NIT	Issue of tender for <i>Hiring of</i> (i) <i>Two (2) no. Tower Crane for 2 X 520 MW HNPCL/ VIZAG TPP, Vishakhapatnam, AP.&</i> (ii) <i>One (1) no. Tower Crane for 1 x 250 MW D. P. L. unit # 8, Durgapur, West Bengal.</i>
2.0	TENDER NO	<i>PSER:SCT:MIS:F1205:11</i>
3.0	DETAILS OF TENDER DOCUMENT	
3.1	Volume-I	<i>General conditions of contract - Applicable.</i>
3.2	Volume-IB	<i>General conditions of contract (service) - Not Applicable.</i>
3.3	Volume-IC	<i>Special conditions of contract (supply) - Not Applicable.</i>
3.4	Volume-ID	<i>Special conditions of contract (service) - Combined with Vol-II.</i>
3.5	Volume-IE	<i>Annexure, formats etc - Not Applicable.</i>
3.6	Volume-II	<i>Technical specification along with Special conditions of contract-Applicable</i>
3.7	Volume-III	<i>Price schedule, Rev-01 - Applicable.</i>
3.8	Volume-IIIB	<i>Not Applicable.</i>
4.0	TENDER START DATE	<i>26-05-2011</i>
5.0	DUE DATE OF OFFER SUBMISSION	<i>16-06-2011 (15-00 Hrs). Techno-commercial offer will be opened two hours after the latest due date and time of offer submission, for which bidder may depute representative. In case, the due date of opening of tender becomes a non-working day, tenders shall be opened on the next working day at 15=00 hours. Bidders are requested to visit website for viewing Tender Change Notice (TCN) / Corrigendum etc. informing any change before submitting the tender.</i>
6.0	EMD AMOUNT	<i>Rs 2, 00,000/-</i>
7.0	COST OF TENDER	<i>Rs 5,000/-</i>
8.0	SCHEDULE OF PBD	<i>Not Applicable.</i>
9.0	LAST DATE OF SEEKING CLARIFICATION	<i>02-06-2011(Along with soft version also, addressing to undersigned & to others as per contact address given below)</i>
10.0	INTEGRITY PACT	<i>Not Applicable.</i>

Following points relevant to the tender may please be noted and complied with:

- 1.0 The offer shall be submitted as per the instructions of tender document. Only One set of tender document signed by authorised company representative of bidder and stamped on each page shall be submitted as detailed further. Bidders to note specifically that all pages of tender document, including these NIT pages for this particular tender shall be submitted by them (after signing/stamping on each page) as a part of their offer. Price shall not be mentioned by them anywhere in the techno-commercial portion of offer, it shall be mentioned in the relevant price schedule only and submitted in separate sealed envelope. In case of any

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clarification, bidder may contact this office. No alteration/ changes/deviations by bidders is permitted in the tender/NIT enclosed herewith/ published in the website

- 2.a Unless otherwise specifically mentioned above, you have to deposit EMD in cash (as permissible under income tax act)/ demand draft/ pay order in favour of Bharat Heavy Electricals Ltd, payable at Kolkata. EMD in the form of Bank Guarantee is not acceptable. Bidders depositing one time EMD of Rs. 2,00,000/- with BHEL-PSER, is exempted from paying EMD for each individual tender.
- 2.b Unless otherwise specifically mentioned above, you have to remit cost of tender document (non-refundable) in the form of demand draft, drawn in favour of Bharat Heavy Electricals Ltd, payable at Kolkata along with the techno-commercial offer.
- 3.0 The Complete set of offer shall be sent as per following details in separate sealed envelopes to BHEL, PSER, Kolkata as per address given below (refer salient details of NIT, referred above for applicability).

Sl no	Description	No of copy
I. COVER-I (TECHNO-COMMERCIAL BID)		
I.a	Offer forwarding/ covering letter.	Original & 1 copy.
I.b	Duly filled-in 'No deviation certificate' as per prescribed format to be placed after document under sl no I.a above. In case of any deviation, the same should be submitted separately for technical & commercial parts, indicating respective clauses of tender against which deviation is taken by bidder. The list of such deviation shall be placed after document under sl no I.a above. It shall be specifically noted that deviation recorded elsewhere shall not be entertained.	Original & 1 copy.
I.c	Techno-commercial offer enclosing supporting document/ annexure/ schedules/ drawing etc as required in line with pre-qualification criteria/ prescribed format. It shall be specifically noted that all documents as per above shall be indexed properly and credential certificates issued by clients shall distinctly bear the name of organization, contact ph no, FAX no, etc.	Original & 1 copy.
I.d	Duly filled-in annexures, formats etc of Volume-IE (if applicable)	Original & 1 copy.
I.e	All volumes of tender document pertinent for the subject job along with this NIT together with subsequent changes to tender in the form of TCN, correspondences etc, signed & stamped on all pages.	Original.
I.f	Volume-IIIA/III – un-priced without disclosing rates/ price, but mentioning only 'quoted/ unquoted' against each item of schedules.	Original.
I.g	Volume-IIIB – un-priced without disclosing %, but mentioning only 'quoted/ unquoted' and 'indicated % of total price against each item of schedules.	Original.
I.h	Integrity Pact Agreement (Duly signed by the authorized signatory) (if applicable)	Original & 1 copy.
I.i	Any other details preferred by bidder with proper indexing.	Original.
II. COVER-II (COST OF TENDER)		
III. COVER-III (PRICE BID – ABSOLUTE VALUE)		
III.a	Copy of offer forwarding/ covering letter (as referred in I.a).	1 copy.
III.b	Duly filled-in Volume-IIIA/III (BOQ-cum-price schedule in absolute value) together with signed preamble in separate sealed envelope schedule wise/Projectwise.	Original.
IV. COVER-IV (PRICE BID - PERCENTAGE VALUE)		
IV.a	Copy of offer forwarding/ covering letter (as referred in I.a).	1 copy
IV.b	Duly filled-in Volume-IIIB (BOQ-cum-price schedule in percentage value) together with signed preamble in separate sealed envelope.	Original
V. COVER-V (EMD)		
Demand Draft etc towards EMD as per instruction (as applicable).		
VI. COVER-VI		
All aforesaid sealed covers shall be enclosed in this cover & sealed. This cover shall be super-scribed with (i) Cover no; (ii) Details of covers inside this cover and (ii) Name of the job, tender document no & due date		

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फैक्स/Fax : (033) 23211960 फोन/Phone : बोर्ड/EPABX : 23211798/ 1691

of submission.

4.0 SPECIAL NOTE:

- A) Your offer & documents submitted with the offer shall be signed & stamped in each page by your authorised representative. No overwriting/ correction in tender documents by bidders shall be allowed. However, if correction is unavoidable, the same may be signed by authorized signatory.
- B) All documents/ annexures submitted with the offer shall be properly annexed and placed in respective places of the offer as per enclosure list mentioned in the covering letter. BHEL shall not be responsible for any missing documents.
- 5.0 No Deviation with respect to tender clauses and no additional clauses/ suggestions/ clarification in Techno-commercial bid/ Price bid shall normally be considered by BHEL. Bidders are requested to positively comply with the same. Offers with deviation are liable for rejection.
- 6.0 BHEL reserves the right to accept or reject any or all offer without assigning any reasons thereof. BHEL also reserve the right to cancel the tender wholly or partly without assigning any reason thereof. Also BHEL shall not entertain any correspondence from bidders in this matter (except for the refund of EMD).
- 7.0 Since the job shall be executed at site, bidders must visit site/ work area and study the job content, facilities available, availability of materials, prevailing site conditions including law & order situation etc before quoting for this tender. They may also consult this office before submitting their offers, for any clarifications regarding scope of work, facilities available at sites or on terms and conditions. No additional claim shall be entertained by BHEL in future, on account of non-acquaintance of above.
- 8.0 For any clarification on the tender document, you may seek the same in writing (2 copies) together with soft version (thru e-mail) as per enclosed format schedule date, from the office of the undersigned for clarification. BHEL shall not be responsible for receipt of queries after due date of seeking clarification due to postal delay. Any clarification / query received after pre bid conference date shall not be entertained.
- 9.0 BHEL may decide holding pre-bid conference [PBC] with any/ all intending bidders. On such communication from BHEL, the bidder shall ensure participation for the same at the appointed time, date and place as may be decided by BHEL.
- 10.0 In the event of any conflict between requirement of any clause of this specification/ documents/drawings/data sheets etc or requirements of different codes/standards specified, the same to be brought to the knowledge of BHEL in writing for clarification before due date of seeking clarification (whichever is applicable), otherwise, more stringent requirement as may be interpreted by BHEL shall prevail and shall be binding on you. Any typing error/missing pages/ other clerical errors in the tender documents, noticed by you must be pointed out before pre-bid meeting/submission of offer, or else, BHEL'S interpretation shall prevail & binding on you.
- 11.0 Unless specifically mentioned otherwise, bidder's quoted price shall deemed to be in compliance with tender along with TCNs including PBD.
- 12.0 Bidders shall submit Integrity Pact Agreement (Duly signed by authorized signatory who signs in the offer), if applicable, along with techno-commercial bid. This pact shall be considered as a preliminary qualification for further participation.
- 13.0 The Price Bids of only those bidders will be opened who will be qualified for the subject job on the basis of pre-qualification evaluation/ techno-commercial bids, approval/ acceptance of customer (as applicable), etc. BHEL's decision in this regard shall be final & binding. BHEL also reserve the right to reject the bidder with unsatisfactory past performance in execution of a contract. BHEL's decision in this regard shall be final & binding.

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POWER SECTOR EASTERN REGION, DJ-9/1, SALT LAKE CITY, KOLKATA - 700 091
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फैक्स/Fax : (033) 23211960	फोन/Phone : बोर्ड/EPABX : 23211798/ 1691
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- 14.0 While BHEL reserve the right to open the price bid (Cover-III) of the offers in camera, the date & time to open the Cover-III (PRICE BID) tender opening shall be intimated to the bidders in case BHEL decides it to be 'Public opening' and in such a case, one authorised representative of the bidder shall be allowed to attend.
- 15.0 Validity of the offer shall be for six months from the latest due date of offer submission (including extension, if any) or specified otherwise in SCC of tender.
- 16.0 BHEL reserves the right to decide the successful bidder on the basis of reverse auction process. In such case all qualified bidders will be intimated regarding procedure/ modality for reverse auction process prior to Reverse Auction and price will be decided through reverse auction process only. In such a case, sealed envelope containing price bid (Cover-III corresponding to Volume-IIIA/III) will not be opened. To derive absolute rate/ amount of each item of schedules, BHEL will open sealed envelope containing price bid (Cover-IV corresponding to Volume-IIIB), if applicable, alternatively, bidder will be asked to submit rate/ price break-up of Closing Price in line with Volume-IIIA/III.
- However, if reverse auction process is not adopted or is unsuccessful for whatsoever reason, Price Schedule (Volume-IIIA/III) contained in sealed envelope (Cover-III) will be opened for deciding the successful bidder. BHEL's decision in this regard will be final and binding on bidder.
- 17.0 Corrigendum/ corrigendum/ extension/ addendum, if any, pertaining to this tender will be published in the web sites www.jantermanter.com & www.bhel.com or will be issued directly to you, as applicable.
- 18.0 On submission of offer, further consideration will be subject to compliance to tender & qualifying requirement and customer's acceptance, as applicable.
- 19.0 Unsolicited discounts received after opening of techno commercial bid shall not be considered for evaluation. However, if the party who has submitted the unsolicited discount/rebate becomes the L-1 party, then the awarded price shall be after considering the discount.
- 20.0 In case the bidder is an "Indian Agent of Foreign Principals", 'Agency agreement has to be submitted along with Bid failing which offer from Bidder may not be considered.
- 21.0 The bidders shall not enter into any undisclosed M.O.U. or any understanding amongst themselves with respect to tender.
- 22.0 In case of consortium bidding, if applicable as per Pre-qualification Requirement, Standalone bidder can neither again be a prime bidder in a consortium bid nor be a consortium partner to any other bidder. Similarly, prime bidder shall neither be a consortium partner to other prime bidder nor submit any other bid with other consortium partners.
- 23.0 The bidder may have to produce original document for verification if so decided by BHEL.
- 24.0 BIDDER HAS THE OPTION TO QUOTE AGAINST ANY OF THE SCHEDULES OR BOTH THE SCHEDULES.
- 25.0 BIDDER TO SUBMIT PRICE OFFER OF RESPECTIVE PROJECT/ SCHEDULE OF VOLUME-III IN SEPARATELY SEALED ENVELOPE AND SUPERSCRIBE THE ENVELOPE WITH TENDER NO AND CORRESPONDING **SCHEDULE NO & Name of the Project**.

Thanking you,

for BHARAT HEAVY ELECTRICALS LTD.

DGM(SCT)

Agency	Contact details	
BHEL, PSER, Kolkata	Address	DJ-9/1, Sector – II, Salt Lake, Kolkata – 700 091
	Phone no	033-23211798 (D)/ 1691. EPABX – 23216130, 34, 35; Extn – 3223/ 3228/ 3229/ 3230/ 3231/3233
	FAX no	033-23211960
	E-mail	ssen@bhelpser.co.in / anupriya@bhelpser.co.in

Enclosures :

01. Annexure-1: Pre-qualifying criteria.
02. Annexure-2: Format for No-deviation certificate.
03. Annexure-3: Format for seeking query.
04. Tender document as per above details

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POWER SECTOR EASTERN REGION, DJ-9/1, SALT LAKE CITY, KOLKATA - 700 091

फैक्स/Fax : (033) 23211960 फोन/Phone : बोर्ड/EPABX : 23211798/ 1691

ANNEXURE-I**PRE QUALIFYING REQUIREMENTS FOR BIDDERS TO QUOTE FOR HIRING OF 1 NO. OF TOWER CRANE FOR 1X250MW DPL UNIT NO.8 & 2 NOS. OF TOWER CRANE FOR 2X520MW HNPCL, VIZAG T.P.S. OF BHEL POWER SECTOR-EASTERN REGION.**

JOB	HIRING OF (I) TWO (2) NO. TOWER CRANE FOR 2 X 520 MW HNPCL/ VIZAG TPP, VISHAKHAPATNAM, AP & (II) ONE (1) NO. TOWER CRANE FOR 1 X 250 MW D.P.L UNIT # 8, DURGAPUR, WEST BENGAL.
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SL NO	CRITERIA															
1.0	TECHNO-COMMERCIAL CRITERIA															
1.1	BIDDER SHOULD BE INVOLVED IN THE BUSINESS OF HIRING OF CRANE OR HANDLING ERECTION WITH CRANE FOR THE LAST SEVEN YEARS W.E.F. DATE OF SUBMISSION OF TENDER AND CREDENTIAL FOR THE SAME IS TO BE FURNISHED BY BIDDER.															
1.2	BIDDER TO FURNISH DETAILS OF THE CRANE(S) I.E. CORRECT SPECIFICATION, MAKE OF CRANE ALONG WITH THE LOAD CHART AND RANGE DIAGRAM FOR THE OFFERED CRANE.															
2.0	FINANCIAL CRITERIA															
2.1	<p>AVERAGE MINIMUM ANNUAL FINANCIAL TURNOVER OF THE BIDDER DURING LAST 3 (THREE) YEARS, ENDING ON 31-03-2011 SHOULD BE AS TABULATED BELOW.THE BIDDER SHOULD HAVE EARNED PROFIT IN AT LEAST 1 (ONE) YEAR DURING LAST 3 (THREE) FINANCIAL YEARS, ENDING ON 31-03-2011.</p> <p>AUDITED BALANCE SHEET AND PROFIT & LOSS ACCOUNT FOR LAST 3 (THREE) YEARS, ENDING ON 31-03-2011 NEED TO BE SUBMITTED IN SUPPORT OF ABOVE REQUIREMENT.</p> <p>THE BIDDER SHOULD POSSESS POSITIVE NET WORTH AS ON FINANCIAL YEAR ENDING ON 31.03.2011.</p> <table border="1"> <thead> <tr> <th>CRANE TYPE</th> <th>PROJECT</th> <th>QTY.</th> <th>TURNOVER REQUIREMENT (RS. IN LAC)</th> <th>REFERENCE SCHEDULE OF VOL-III</th> </tr> </thead> <tbody> <tr> <td>TOWER CRANE 20MT WITH 120M TOWER HEIGHT.</td> <td>HINDUJA NATIONAL POWER CORPORATION LIMITED , 2X520MW VIZAG PROJECT, VILLAGE- PALAVALASA, POST OFFICE- T.DEVADA, PEDAGANTAYADA MANDAL, VISAKHAPATNAM-530031, ANDHRA PRADESH.</td> <td>2(TWO)</td> <td>442.40</td> <td>SCH-1</td> </tr> <tr> <td>TOWER CRANE 20MT WITH 70-75M TOWER HEIGHT</td> <td>1X250MW,UNIT-8, D.P.L. PROJECT, POST OFFICE- DURGAPUR, DISTT.- BURDWAN, PIN-713201, WEST BENGAL.</td> <td>1(ONE)</td> <td>210.00</td> <td>SCH-2</td> </tr> </tbody> </table> <p>NOTE: IN CASE BIDDER OFFERS FOR MORE THAN ONE SCHEDULE, BIDDER SHOULD HAVE AVERAGE MINIMUM ANNUAL TURNOVER EQUAL TO SUM TOTAL OF CORRESPONDING SCHEDULE'S TURNOVER AS INDICATED ABOVE.</p>	CRANE TYPE	PROJECT	QTY.	TURNOVER REQUIREMENT (RS. IN LAC)	REFERENCE SCHEDULE OF VOL-III	TOWER CRANE 20MT WITH 120M TOWER HEIGHT.	HINDUJA NATIONAL POWER CORPORATION LIMITED , 2X520MW VIZAG PROJECT, VILLAGE- PALAVALASA, POST OFFICE- T.DEVADA, PEDAGANTAYADA MANDAL, VISAKHAPATNAM-530031, ANDHRA PRADESH.	2(TWO)	442.40	SCH-1	TOWER CRANE 20MT WITH 70-75M TOWER HEIGHT	1X250MW,UNIT-8, D.P.L. PROJECT, POST OFFICE- DURGAPUR, DISTT.- BURDWAN, PIN-713201, WEST BENGAL.	1(ONE)	210.00	SCH-2
CRANE TYPE	PROJECT	QTY.	TURNOVER REQUIREMENT (RS. IN LAC)	REFERENCE SCHEDULE OF VOL-III												
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फैक्स/Fax : (033) 23211960 फोन/Phone : बोर्ड/EPABX : 23211798/ 1691

<p>IN CASE AUDITED BALANCE SHEET AND PROFIT & LOSS ACCOUNT IS NOT AVAILABLE FOR 2010-11, ABOVE CRITERIA SHALL BE READ AS PER FOLLOWING.</p> <p>AVERAGE MINIMUM ANNUAL FINANCIAL TURNOVER OF THE BIDDER DURING LAST 3 (THREE) YEARS, ENDING ON 31-03-2010 SHOULD BE AS TABULATED BELOW.THE BIDDER SHOULD HAVE EARNED PROFIT IN AT LEAST 1 (ONE) YEAR DURING LAST 3 (THREE) FINANCIAL YEARS, ENDING ON 31-03-2010.</p> <p>AUDITED BALANCE SHEET AND PROFIT & LOSS ACCOUNT FOR LAST 3 (THREE) YEARS, ENDING ON 31-03-2010 NEED TO BE SUBMITTED IN SUPPORT OF ABOVE REQUIREMENT.</p> <p>THE BIDDER SHOULD POSSESS POSITIVE NET WORTH AS ON FINANCIAL YEAR ENDING ON 31.03.2010.</p>				
CRANE TYPE	PROJECT	QTY.	TURNOVER REQUIREMENT (RS. IN LAC)	REFERENCE SCHEDULE OF VOL-III
TOWER CRANE 20MT WITH 120M TOWER HEIGHT.	HINDUJA NATIONAL POWER CORPORATION LIMITED , 2X520MW VIZAG PROJECT, VILLAGE- PALAVALASA, POST OFFICE- T.DEVADA, PEDAGANTAYADA MANDAL, VISAKHAPATNAM-530031, ANDHRA PRADESH.	2(TWO)	442.40	SCH-1
TOWER CRANE 20MT WITH 70-75M TOWER HEIGHT	1X250MW,UNIT-8, D.P.L. PROJECT, POST OFFICE- DURGAPUR, DISTT.- BURDWAN, PIN-713201, WEST BENGAL.	1(ONE)	210.00	SCH-2
<p>NOTE: IN CASE BIDDER OFFERS FOR MORE THAN ONE SCHEDULE, BIDDER SHOULD HAVE AVERAGE MINIMUM ANNUAL TURNOVER EQUAL TO SUM TOTAL OF CORRESPONDING SCHEDULE'S TURNOVER AS INDICATED ABOVE</p>				
2.2	<p>BIDDER SHOULD HAVE VALID PAN.</p> <p>RELEVANT DOCUMENT IN SUPPORT OF ABOVE SHALL BE SUBMITTED.</p>			

ANNEXURE - 2**FORMAT FOR NO DEVIATION CERTIFICATE**
(To be submitted in the bidder's letter head)

BHARAT HEAVY ELECTRICALS LIMITED,
Power Sector - Eastern Region,
Plot no 9/1, DJ Block, Sector – II, Salt Lake City,
Kolkata – 700 091

Sub	No Deviation Certificate.	
Job	Hiring of (i) Two (2) no. Tower Crane for 2 X 520 MW HNPCL/ VIZAG TPP, Vishakhapatnam, AP & (ii) One (1) no. Tower Crane for 1 x 250 MW D. P. L. unit # 8, Durgapur, West Bengal.	
Ref	1.0	Tender no PSER:SCT:MIS:F1205:11
	2.0	BHEL's NIT, vide reference no PSER:SCT:MIS:F1205 Date: 31-05-2011
	3.0	Other references (if any).

Dear Sirs,

With reference to above, this is to confirm that as per tender conditions, we have visited site before submission of our offer and noted the job content & site conditions etc. We also confirm that we have not changed/ modified the tender documents as appeared in the website/ issued by you and in case of such observance at any stage, it shall be treated as null and void.

We hereby confirm that we have not taken any deviation from tender clauses together with other references as enumerated in the above referred NIT. We hereby confirm our unqualified acceptance to all terms & conditions, unqualified compliance to technical specification, integrity pact (if applicable) and acceptance to reverse auctioning process.

In the event of observance of any deviation in any part of our offer at a later date whether implicit or explicit, the deviations shall stand null & void.

We confirm to have submitted offer in accordance with tender instructions and as per aforesaid references.

Thanking you,

Yours faithfully,

(Signature, date & seal of authorised representative of the contractor)

ANNEXURE - 3**FORMAT FOR SEEKING CLARIFICATION**

JOB	Hiring of (i) Two (2) no. Tower Crane for 2 X 520 MW HNPCL/ VIZAG TPP, Vishakhapatnam, AP & (ii) One (1) no. Tower Crane for 1 x 250 MW D. P. L. unit # 8, Durgapur, West Bengal.
TENDER NO	PSER:SCT:MIS:F1205:11

SI no	Reference clause of tender document	Existing provision	Bidder's query	BHEL's clarification

पावर सेक्टर पूर्वी क्षेत्र (मुख्यालय)

POWER SECTOR EASTERN REGION, DJ-9/1, SALT LAKE CITY, KOLKATA - 700 091

फैक्स/Fax : (033) 23211960

फोन/Phone : बोर्ड/EPABX : 23211798/ 1691

TENDER NO: PSER:SCT:MIS:F1205:11

VOLUME – II

TECHNICAL SPECIFICATION & SPECIAL CONDITIONS OF CONTRACT

FOR

Hiring of

- (i) Two (2) no. Tower Crane for 2 X 520 MW HNPCL/ VIZAG TPP, Vishakhapatnam, AP
- &
- (ii) One (1) no. Tower Crane for 1 x 250 MW D. P. L. unit # 8, Durgapur, West Bengal



BHARAT HEAVY ELECTRICALS LIMITED

(A GOVT. OF INDIA UNDERTAKING)

POWER SECTOR – EASTERN REGION

PLOT NO. – 9 / 1, DJ – BLOCK,

SECTOR – II, KARUNAMOYEE,

SALT LAKE CITY,

KOLKATA – 700091.

TENDER NO –PSER:SCT:MIS:F1205:11		
VOLUME-II (REV-01)	TECHNICAL SPECIFICATIONS & SPECIAL CONDITION OF CONTRACT	PAGE 1 OF 8

1.0	SCOPE OF WORK:
1.1	PROVIDING 2 NOS. OF TOWER CRANE FOR 2X520MW HNPCL VIZAG, ANDHRA PRADESH & 1 NO. OF TOWER CRANE FOR 1X250MW DPL UNIT # 8, DURGAPUR, WEST BENGAL.
1.1.1	GENERAL SPECIFICATION FOR VIZAG CRANE:
1.1.1.1	Crane version:- Stationary on foundation anchors. Detail Foundation design & drgs. And other technical inputs shall be furnished by the vendor to BHEL for providing foundation. Vendor's engineer shall certify the adequacy of foundation before assembling of the crane.
1.1.1.2	Max. lifting capacity of the crane- 20MT
1.1.1.3	Working height:120M ; Working Radius-120M (Min.). The crane shall have the facility of working in various heights as per erceton requirement.
1.1.1.4	Load criteria: Tip load at 70M jib Radius 5MT. Critical load- 6MT at 60M jib radius.
1.1.1.5	Tower type- Self telescoping type tower with hydraulic climbing facility.
1.1.1.6	Mechanism:-Hoisting, Slewing, trolleying etc.
1.1.1.7	Safety Devices:- The crane shall be provided with all kinds of safety devices including load limiter, height limiter, slewing limiter, grip block, trolley brake etc. which are all mechanical & Electrical integration products, sensitive and reliable with the capability of working in construction site environment.
1.1.1.8	The crane shall be equipped with rest platform and guard rail etc. and other protective facilities for operator's personal safety when moving up & down. Bidder shall specifically indicate the climbing facility provided with the crane.
1.1.1.9	Bidder shall clearly indicate electrical power requirement to operate the crane which shall be provided at free of cost by BHEL.
1.1.1.10	Bidder shall indicate the minimum free standing height of the crane and external anchoring details if required.
1.1.1.11	Wind speed limitation considering storm conditions as per standard to be indicated by bidder.
1.1.1.12	THE AGE OF THE CRANE SHALL NOT BE MORE THAN 10 YEARS & RELEVANT DOCUMENTS SHOULD BE ATTACHED IN SUPPORT OF THE SAME.
1.1.2	GENERAL SPECIFICATION FOR DPL CRANE:
1.1.2.1	Crane version:- Stationary on foundation anchors. Detail Foundation design & drgs. and other technical inputs shall be furnished by the vendor to BHEL for providing foundation. Vendor's engineer shall certify the adequacy of foundation before assembling of the crane.
1.1.2.2	Max. lifting capacity of the crane- 20MT
1.1.2.3	Working height:70-75M ; Working Radius-70M (Min.). The crane shall have the facility of working in various heights as per erceton requirement.
1.1.2.4	Load criteria: Tip load at 70M jib Radius 5MT. Critical load- 6MT at 60M jib radius.
1.1.2.5	Tower type- Self telescoping type tower with hydraulic climbing facility.
1.1.2.6	Mechanism:-Hoisting, Slewing, trolleying etc.
1.1.2.7	Safety Devices:- The crane shall be provided with all kinds of safety devices including load limiter, height limiter, slewing limiter, grip block, trolley brake etc. which are all mechanical & Electrical integration products, sensitive and reliable with the capability of working in construction site environment.
1.1.2.8	The crane shall be equipped with rest platform and guard rail etc. and other protective facilities for operator's personal safety when moving up & down. Bidder shall specifically indicate the climbing facility provided with the crane.
1.1.2.9	Bidder shall clearly indicate electrical power requirement to operate the crane which shall be provided at free of cost by BHEL.
1.1.2.10	Bidder shall indicate the minimum free standing height of the crane and external anchoring details if required.
1.1.2.11	Wind speed limitation considering storm conditions as per standard to be indicated by bidder.
1.1.2.12	THE AGE OF THE CRANE SHALL NOT BE MORE THAN 10 YEARS & RELEVANT DOCUMENTS SHOULD BE ATTACHED IN SUPPORT OF THE SAME.

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1.1.3	<p>THE CRANE SHALL BE PROVIDED WITH OPERATOR , HELPER, SERVICE & MAINTENANCE STAFF , FUEL(IF ANY) & ALL OTHER CONSUMABLES (IF ANY) FOR MINIMUM 14 HRS. DAILY DUTY AT SITE, ON FIXED MONTHLY HIRE BASIS, WITH SEPARATE MOBILIZATION, DEMOBILIZATION AND HOURLY OPERATION CHARGES.THE CRANE SHOULD BE IN GOOD WORKING CONDITION. BIDDER MAY PLEASE NOTE COUNTER WEIGHT AS REQUIRED SHALL BE IN THE SCOPE OF SUPPLY OF BIDDER. THE BIDDER SHALL FURNISH DETAIL FOUNDATION DRG. FOR THE CRANE. BIDDER SHALL ALSO FURNISH DETAIL LOAD CHART WITH RANGE DIAGRAM AND RELEVANT DRGS. OF TOWER CRANE.THE CRANES PROPOSED TO BE HIRED ARE PLANNED FOR ERECTION WORK IN BOLIER AREA, POWER HOUSE AREA AND E.S.P AREA WHEREIN TOWER HEIGHT REQUIREMENT MAY VARY. HENCE THE SUBJECT CRANE SHALL HAVE THE CAPABILITY OF WORKING AT VARIOUS HEIGHTS. DEPLOYMENT SCHEDULE OF THE CRANE IS INDICATED IN CLAUSE 2.0.</p>							
2.0	DEPLOYMENT DETAILS,CONTRACT PERIOD AND DAILY WORKING HOURS							
2.1	SL. NO.	PROJECT	CRANE CAP.	TENTATIVE DEPLOYMENT MONTH/YEAR	DURATION	EXTENSION PROVISION	QTY.	REF SCH OF VOL-III
	1	VIZAG/HNPCL	20MT	JULY/11 -1 ST CRANE & AUG./11 -2 ND CRANE	15 MONTHS	3 MONTHS	2 NOS.	SCH-1
	2	DPL UNIT # 8	20MT	AUG./2011	12 MONTHS	3 MONTHS	1 NO.	SCH-2
2.2	<p>The Contract Duration Period for Crane Deployment shall be as above, to be reckoned from the date of complete Commissioning and Load Test after Receipt of the Crane with all Accessories at Site in Good Order & Condition, as certified by BHEL’s Site Engineer from respective Site. However in case of exigency site requirement, the schedule is further extendable for additional Months (As indicated above)depending upon actual Site requirement with minimum 30 days notice period in advance from VIZAG / DPL Site. The monthly rate quoted in the prescribed rate schedule shall remain firm throughout this period including extended period (if any). However, if the performance of Crane is not satisfactory the contract shall be liable for termination without prior notice. The Crane with Operator, Helpers and service/maintenance staff shall remain available for minimum cumulative 14 Hours/day(any part of the day) inclusive of 1 hour lunch break.</p>							
3.0	SCHEDULE OF CRANE MOBILIZATION & LOCATION							
3.1	<p>The tentative deployment schedule of the crane is as indicated in the Clause 2.0. However the Crane with all Accessories , operator, helper etc. shall have to be transported & physically mobilized to BHEL at Respective Site within a period of 45 days from the date of notice by Construction Manager- BHEL for the site.</p>							
3.2.	CONSIGNEE for the respective crane is as follows-							
3.2.1	FOR VIZAG/HNPCL							
	<p>THE CONSTRUCTION MANAGER, BHEL SITE OFFICE, HINDUJA NATIONAL POWER CORPORATION LIMITED , 2X520MW VIZAG PROJECT, VILLAGE- PALAVALASA,POST OFFICE- T.DEVADA, PEDAGANTAYADA MANDAL, VISAKHAPATNAM-530031, ANDHRA PRADESH.</p>							
3.2.2	FOR DPL, UNIT # 8							
	<p>THE CONSTRUCTION MANAGER, BHEL SITE OFFICE, 1X250MW,UNIT-8, D.P.L. PROJECT, POST OFFICE- DURGAPUR, DISTT.- BURDWAN,</p>							

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	PIN-713201, WEST BENGAL.
4.0	RATE SCHEDULE
4.1	Separate rates for i) Monthly Rental of the Crane inclusive of all lubricants (if required), grease (if required), spare parts, consumables (except fuel), operator, helper, Maintenance staff etc. based on the working hours as above ii) Mobilization and De-mobilization Charges together for the Crane to & from Site and iii) Hourly of operation rate of the crane with ENGINE ON condition are to be quoted separately project wise in the enclosed Price Schedule Format as per Volume III of this Tender and PRICE BID for required crane should be furnished in separate sealed cover.
4.2	In case the bidder quotes multiple models of crane against a particular requirement, the lowest rate among the technically accepted models shall be considered for comparison and awarding.
4.3	Bidders have the option to quote for both the projects /schedules or any project /schedule against the subject tender. Evaluation & awarding will be done project wise separately against the subject tender.
4.4	For recording the hours of operation with engine on condition, vendor is required to maintain a separate registrar at site, which shall be certified by site engineer before release of payment for monthly operational charges. The quoted rates shall remain firm throughout the entire contract tenure including extension if any. In case of exigency of site requirements, BHEL Reserves the right to further extend the contract beyond contractual and provisional extension (as indicated in Clause No.2.0) at a rate mutually agreed between BHEL and the contractor.
4.5	The rates quoted shall be inclusive of all taxes and duties, excluding service tax and educational cess, which shall be paid, as applicable, separately against invoice. There is no provision for any Advance Payment by BHEL for Mobilization/Demobilization etc.
5.0	The Crane Operation shall be executed under the usual conditions prevailing in major power plant construction and in conjunction with numerous other operations at Site. The contractor and his personnel shall co-operate with all BHEL personnel, BHEL's Customer, Customer's Consultants and all other Contractors, coordinating the Crane movements with others and work in a manner that shall not delay or hinder the progress of work of the project.
6.0	The contractor shall execute the work in most substantial and workmanlike manner. The materials and equipment of BHEL by the Crane shall be handled with care and diligence, while same are handled by the Crane.
7.0	Mobilization Charges for the Crane shall be paid only after satisfactory commissioning and Load Test of the Crane at Site, and certification from BHEL Site to this effect.
8.0	Demobilization charges shall be paid only on receipt of written confirmation from BHEL site that the crane has been dismantled and transferred from the site by the vendor.
9.0	For Unloading, Assembly, Disassembly of the crane, contractor shall arrange the requisite crane at contractor's cost. However one 75MT Crawler crane (minimum capacity) shall be provided by BHEL, free of cost including slings, fuel, and operator free of cost for unloading, assembly, disassembly of the crane. For rearrangement of tower and jib as per job requirement during the hiring period, the requisite crane shall be provided by BHEL or BHEL's erection contractor free of cost including slings, operator, fuel. BHEL reserves the right to shift the crane from one location to another location within the site.
10.0	Towards fulfilment of the relevant Safety norms, the Contractor is required to submit valid test certificate for the crane to be deployed at site. On deployment, Load test is to be conducted at site for which necessary load materials will be provided by BHEL free of cost. Local transportation of load materials shall be in the BHEL's erection subcontractor's scope.
11.0	Operation, Maintenance, spares and all Consumables required for regular daily running of the Crane as per the working hours mentioned are to be provided by the Contractor. The agency should provide adequate no. Operators, Helpers and Maintenance personnel to ensure Trouble-free uninterrupted Operation, Services and Maintenance of the Crane at Site.

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12.0	Normally the Maintenance/Greasing activities in the Crane shall be done by the Contractor during Recess Period so that no working day is lost for outage of the Crane. However, any Breakdown/Repair of the Crane shall be immediately attended by contractor at his own cost & risk. The contractor is to maintain stock of adequate Spares & Consumables with the required Tools & Tackles at Site for this purpose.
13.0	A Log book giving full operation/maintenance/downtime if any details shall be maintained by the Contractor at Site and regularly endorsed by the BHEL Site Engineer through his signature on daily basis or as per the site procedure.
14.0	In case of operator's absence the contractor shall arrange alternative immediately for continuation of Site work so as not to hamper the time scheduled erection program.
15.0	If the crane becomes idle due to failure attributable to it's own mechanism, the idle hours for making the crane ready will either be deducted from the monthly hire charges on pro-rata basis of the accepted monthly lump sum hiring rate divided by 26 days divided by 14 hours or shall be compensated by working the lost hours during normal working hours only, at the discretion of BHEL SITE ENGINEER OF RESPECTIVE SITE.
16.0	Liquidated Damage provision shall remain applicable for delay in Crane deployment to Site.
17.0	HOLIDAYS shall be as observed by BHEL at Site and Sundays shall be considered as holidays. However, in exigency, the Crane may be required to be operated on Sundays and such holidays.
18.0	Cumulative working hours per day for the Crane shall be for (14) Fourteen Hours inclusive of one hour lunch break daily, excluding Sundays and scheduled Holidays. For Crane working beyond working hours, or on Sunday /Holidays with prior permission of the concerned BHEL Site Engineer, the vendor shall be paid on pro-rata Hire Charge as stated below, based on certification of the BHEL Site Engineer. The hourly rate for extended hour working and working on Sundays and holidays is to be evaluated on the basis of 25% of scheduled monthly rate divided by 26 days of a month and further divided by 14 hours per day, payable with the monthly RA bill.
19.0	HOURLY RATE FOR WORKING BEYOND CUMULATIVE WORKING HOURS AND WORKING ON SUNDAYS AND HOLIDAYS.=25% OF (MONTHLY HIRING RATE DIVIDED BY 26 AND FURTHER DIVIDED BY 14). Operational charges for hourly running of the crane with engine on condition shall be paid separately as per clause 4.0.
20.0	In case there is a total failure of the crane, the contractor should replace the same and bring substitute Crane within a deadline of 20 days from outage, which shall be treated as idle period and no hire charges payment shall be made for this period. In the case of Contractor's failure to do so, BHEL shall make alternative arrangements at the risk and cost of the contractor.
21.0	Necessary Insurance Coverage for the Crane including Third Party liability and for the workmen (covering Workmen's Compensation Act) engaged by the Contractor are to be taken at his cost and copy of the same should be submitted to BHEL at Site before work commencement. If any accident/injury occurs to any other persons/public due to proven negligence/non-adherence to relevant safety and other precautions on the part of Contractor/it's employees, the contractor shall remain liable to pay necessary compensation and other expense, as decided by appropriate authorities.
22.0	The Contractor shall follow and comply with all Safety Rules of BHEL and their customer, relevant provisions of applicable laws pertaining to the safety of workmen, employees, plant and equipment as may be prescribed from time to time without any demur, protest or contest or reservation. In case of any conflict between statutory requirement and Safety Rules of the Client referred above, the later shall be binding on the Contractor unless the statutory provisions are more stringent.
23.0	Any loss or damage to BHEL or Customer's property due to negligence of the crew employed by the contractor is attributable to the Contractor. BHEL shall not be responsible for any accident/injury to the Contractor's Crew/staff during operation or otherwise. Contractor has to assume full responsibility of the safety of their crew/staff and to comply with the security/safety regulations of BHEL and others at

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	site.
24.0	BHEL shall provide space free of cost to the contractor at Site, where they are to maintain a shed/container for working facility of their personnel and keeping/storing of their required hand tools, spares, slings, consumables etc. as necessary. General watch & ward/Security Services may be provided by BHEL.
25.0	Contractor has to make their own arrangement for Accommodation, Transport and other amenities like Medical etc. for their crew/staff at Site at their own cost.
26.0	All the statutory requirements as called for by the Labour Laws and other statutory authorities are to be met by contractor and proof of compliance should be made available to BHEL.
27.0	Contractor shall have to arrange entry gate passes for their crew/staff at the Construction Plant Site. Necessary support in regard to forwarding of documents shall be given by BHEL.
28.0	Electrical Power/Illumination for your Crane Operation/Maintenance works at Site shall be provided by BHEL at free of cost basis. However, the Crane should have it's own lights for working in the erection area at Site.
29.0	The Contractor shall comply with the Plant security regulations in force at Site in entry, exit, movement & working inside the plant premises. The Vendor shall also ensure that all persons engaged by him for the work behave properly with BHEL and their Client. In case of any reported misbehavior, Vendor shall immediately withdraw such employee/person from work.
30.0	Bidders may note that deployment of crane to any site against the present tender can not be co-related / linked with any previous or ongoing disputes aroused under any other contract with BHEL / BHEL's Customer and any such linkage on the part of bidder shall be treated as breach of contract.
31.0	BIDDER MAY PLEASE NOTE DURING MOBILISATION OF CRANE FOR MOVEMENT OF HEAVY CONSIGNMENTS WEIGHING MORE THAN 20MT & WIDTH MORE THAN 10.5 FT. , ADVANCE ROAD SURVEY AND LOGISTIC PLANNING SHALL BE DONE BY BIDDER OR BIDDER'S TRANSPORTER.
32.0	TERMS OF PAYMENT: The Contractor shall submit the RA bill once in a month at the end of each month. 100% payment shall be released from the respective BHEL Site on submission of the invoice (i.e. against the RA bill) complete in all respect accompanied by BHEL engineer's certificate with the following documents, subject to its completeness & correctness in all respect.
32.1	Invoice in triplicate based on the Monthly Hire Charge Rates as per Rate schedule including Extended Hour Running Charges, if any as per log book entry and Hourly Operational Charges on ENGINE ON condition running of the crane as per separate record to maintained by the contractor(as stated in Clause 4.0) to duly certified by BHEL site Engineer.
32.2	Service Tax paid if any, against the billed amount shall be paid by BHEL as per prevailing rates. Vide section 194-C of Income Tax Act, deduction of tax at source is required to be made from payments of the Vendor. Self declaration or Chartered Accounts certificate along with Service Tax Bill /Invoice , containing Service Tax Registration No: to be furnished. In addition to that, ST-3 Form on half-Yearly basis is required to be submitted to the concerned Site RAO along with reconciliation of Service Tax for that particular Site against collection received from that SITE.
32.3	Fifty percent of the Lump sum Rate quoted/accepted for Mobilization & Demobilization Charge will be payable against Mobilization and balance fifty percent is payable against Demobilization. Mobilization & Demobilization Charges, as applicable, with BHEL Site Engineer's certification.
32.4	NOTE: BHEL may release payment through electronic mode, for which bidder shall comply with necessary requirement prior to payment as per format .
33.0	LIQUIDATED DAMAGES Since time is the main essence of the contract, the deployment of crane is to be made within the time limit prescribed in Clause no. 2 & 3 of this Tender. In case

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	<p>Contractor deploys the crane beyond the period specified in the Contract, BHEL will have no obligation to accept the crane and reserves the right to levy liquidated damages at the rate of 0.5% (half percent) of the projectwise awarded contract value delayed for each week of delay or part thereof without prejudice to any other relief or compensation due to BHEL under any other conditions of the order subject to a maximum limit of 5% of projectwise total contract value. In case of delay in receipt of crane materials at the delivery point, for reasons not attributable to BHEL, the "Liquidated Damages" clause shall be strictly enforced, unless extension of delivery date is granted through an amendment to the work order.</p>
34.0	<p>INSPECTION OF CRANE AND RIGHTS OF BHEL</p> <p>While all Contractors are advised to furnish the correct specification of the Crane to be provided in the Technical Bid, BHEL reserves the right to inspect the crane before placement of LOI and to reject the same in case it is not found in order up to the stated specification. In such case of rejection, Contractor has to immediately source alternate Crane for inspection and BHEL shall have the right to forfeit the EMD in case contractor fails to offer the crane for inspection & bid offered by vendor shall be cancelled and not to be further considered.</p>
35.0	<p>ARBITRATION & JURISDICTION</p> <p>As per GCC.</p>
36.0	<p>REJECTION OF TENDER</p> <p>The acceptance of tender rests with BHEL which does not bind itself to accept the lowest tender or any tender and reserves the full rights of rejection without assigning any reasons whatsoever.</p> <p>If the contractor fully performs and completes the work in all respects to the entire satisfaction, Security Deposit shall be released to the contractor after deducting all cost of expenses and other amounts that are to be paid to BHEL under this or other contracts entered into with on completion/submission of release of payment against final bill by BHEL.</p>
37.0	<p>INDEMNIFICATION TO BHEL</p> <p>The Contractor shall indemnify BHEL against all losses, claims etc. arising out of any of his acts or out of the acts of his agents in course of execution of this contract.</p>
38.0	<p>FORCE MAJEURE CONDITIONS</p> <p>As per GCC.</p>
39.0	<p>VALIDITY OF OFFER</p> <p>Validity of the offer shall be 180 days from the date of tender opening Intending Bidders are advised to visit the Site to assess Job content, Site condition etc. before quoting against the enquiry.</p>
40.0	<p>STATUTORY REQUIREMENTS</p> <p>The Contractor shall ensure that all statutory requirements pertaining to Contract Execution e.g. Inland Labour Laws etc. are complied with at Site.</p>
41.0	<p>TECHNICAL BID & OWNERSHIP OF CRANE</p> <p>The Contractor is to furnish all details regarding Correct Specification of Crane and Age Proof, Ownership Details and Insurance Coverage taken for the Crane, Experience of providing the Crane earlier to various companies of repute (by furnishing the order copies of those jobs etc) and all other relevant information regarding the Crane in the Technical Bid.</p> <p>Bidders may also note that they should put utmost effort to provide the models of crane offered along with their Techno-Commercial Bid and accepted by BHEL. However, in case of exigency, if it is not possible by the bidder to deploy any of the already accepted model of crane, bidder may deploy any other model of crane only on receipt of approval from BHEL confirming technical suitability as per tender.</p>
42.0	<p>SECURITY DEPOSIT</p> <p>The EMD of successful tender shall be retained towards part of security deposit. Security Deposit shall be governed as per GCC. Since separate order shall be placed</p>

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	for individual project, Security Deposit shall be calculated for respective orders separately.
43.0	Evaluation of Bidder Evaluation of bidder shall be done on their quoted rates for individual project/schedule against our requirement as indicated in Clause No.2 as per price schedule. Order shall be placed projectwise based on lowest evaluated price for individual project.
44.0	PRICE VARIATION , OVER RUN COMPENSATION & RATE REVISION Not Applicable.
45.0	HEALTH SAFETY & ENVIRONMENT The vendor will follow HSE policy of BHEL/ PSER and work as per the safety guidelines which is in line with ISO:14001 and OHSAS:18001 standards. A list of the guidelines which should be strictly followed by the vendor is as follows. The scope of vendor shall not be limited to the followings only but shall be guided by the HSE related policies/ guidelines of BHEL as revised to suit the requirement of the standards and statutory requirements.
45.1	Nominate a safety officer who will supervise all the HSE aspects.
45.2	The safety officer will participate in all safety meeting conducted by BHEL.
45.3	Submit site safety plan indicating safety measures to be taken, fire fighting equipments & PPE to be deployed.
45.4	Report every near miss incident to BHEL.
45.5	Report accident report immediately after the occurrence.
45.6	Obtain operation control procedures (OCPs) from BHEL for the work to be executed
45.7	Follow factory act.
45.8	Every worker should use PPE as per his trade. All PPE should confirm to IS.
45.9	Conduct tool box meeting with workers every day before start of work instructing about the use of PPE. The outcome of the meeting to be recorded in a register.
45.10	Check fitness of the PPE and lifting tackles weekly and record in a register which will be verified by BHEL.
45.11	No person below 18 years will be employed.
45.12	Deploy fire-fighting equipments and refill before expiry.
45.13	Keep fire extinguishers of adequate type near the hot job and near the electrical machines.
45.14	Copy of valid Test certificates of all T&Ps should be given to BHEL as soon as the item enters the project, without which the T&P cannot be allowed to be used.
45.15	Nobody will be allowed to work above 2 meters without safety belt/ harness with lifeline secured to a fixed member.
45.16	Good housekeeping has to be maintained. All debris shall be removed from workplace within shortest possible time.
45.17	Approach roads should not be blocked with cables, materials or debris.
45.18	First aid boxes have to be kept and maintained with all requisite materials as per factory act.
45.19	Trained person has to be kept for giving first aid.
45.20	Adequate illumination shall be provided where working.
45.21	All vehicles should have backlight, reverse horn and reversing light.
45.22	Crane operator shall have proper license.'
45.23	Crane should have reverse horn.
45.24	Only skilled person maintain and operate electrical items.

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45.25	ELCB has to be used. No temporary connection shall be allowed.
45.26	All fuses shall have standard rating and capacity.
45.27	All power supply cables should be laid above 3 meter level or underground.
45.28	All hand lamps should be powered by 24 volts.
45.29	Water-logging of working area shall be removed.
45.30	For operating portable machines 3 pin plugs shall be used.
45.31	Oxygen and DA cylinders shall be separated labelling full or empty. Full cylinders shall be kept upright.
45.32	Cylinders are not transported by rolling.
45.33	All oil drums shall be kept horizontal.
45.34	Excavated area shall be barricaded off with red-& white tape.
45.35	Proper slope of excavation shall be maintained.
45.36	Proper sign board and illumination shall be maintained at excavated area.
45.37	Wherever possible safety net shall be provided.
45.38	Proper platform and hand rail has to be provided at the work place.
45.39	All electrical equipments shall be earthed at two points.
45.40	Temporary platform should be strong enough, have proper approach and hand rails.
	Note:The above clauses are indicative only and not exhaustive. The other activities to maintain strong HSE conditions at site which may be beyond the above list of guidelines shall have to be done by the vendor.
46.0	PERFORMANCE BOND
	Not applicable for this tender.
47.0	Other Terms
47.1	All other term & conditions of this specification, not mentioned above shall be governed by the pertinent provisions of GCC.
47.2	Contractor shall deduct the necessary amount towards Provident Fund and contribute equal amount as per Government of India laws. This amount will be deposited regularly to the Provident Fund Commissioner. BHEL/Customer may insist for submission of the account code duly certified by PF Commissioner.

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VOLUME – III (REV-01)

PRICE SCHEDULE

FOR

Hiring of

- (i) Two (2) no. Tower Crane for 2 X 520 MW HNPCL/ VIZAG TPP, Vishakhapatnam, AP
&
- (ii) One (1) no. Tower Crane for 1 x 250 MW D. P. L. unit # 8, Durgapur, West Bengal



BHARAT HEAVY ELECTRICALS LIMITED

(A GOVT. OF INDIA UNDERTAKING)

POWER SECTOR – EASTERN REGION

PLOT NO. – 9 / 1, DJ – BLOCK,

SECTOR – II, KARUNAMOYEE,

SALT LAKE CITY,

KOLKATA – 700091.

VOLUME-III PRICE SCHEDULE, REV-01	
JOB:Hiring of (i) Two (2) no. Tower Crane for 2 X 520 MW HNPCL/ VIZAG TPP, Vishakhapatnam, AP & (ii) One (1) no. Tower Crane for 1 x 250 MW D. P. L. unit # 8, Durgapur, West Bengal.	
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PREAMBLE	
1.0	This preamble forms part of tender document. The tenderer should read this preamble carefully before quoting. Clauses under this preamble shall be read in conjunction with clauses of other volumes of tender and shall have precedence over any contrary statement mentioned any where in this document.
2.0	The work shall be carried out as per specifications, description of the items in these schedule and/ or engineer's instructions. Drawings enclosed with this document are only preliminary for giving some idea of the work involved.
3.0	Items of work provided in the scope but not covered in this specification shall be executed strictly as per instruction of the engineer.
4.0	Unless specifically mentioned otherwise in the tender documents, the bidder shall quote the rates inclusive of cost towards tools, tackles, equipment, constructional plants, temporary works labour, carrying out different activities & tests, material, levies, taxes(except service tax), duties, transport, layout, repairs, rectification, maintenance till handing over, supervisions, colonies, shops, establishments, overheads, profits and all incidental items not specifically mentioned but reasonably implied and necessary to complete the work according to the tender document and this schedule.
5.0	The rates quoted shall be inclusive of cleaning the site of any vegetation, dressing and leveling, if any, etc, required for commencement of site activities. No separate payment will be made towards the same.
6.0	All works item wise shall be measured in RA bill shall be as per billing/ rate schedule/ BHEL approved break-up.
7.0	The bidder shall be deemed to have studied the drawings, specifications and details of work to be done within the time schedule, all terms and conditions of the this tender attached and to have acquainted himself of the conditions prevailing at site.
8.0	Engineer's decision shall be final & binding on the contractor regarding clarification of items in the schedule with respect to the other sections/ volumes of the contract.
9.0	Evaluation and awarding will be done projectwise separately against each schedule.

**VOLUME-III
PRICE SCHEDULE, REV-01**

JOB:Hiring of (i) Two (2) no. Tower Crane for 2 X 520 MW HNPCL/ VIZAG TPP, Vishakhapatnam, AP & (ii) One (1) no. Tower Crane for 1 x 250 MW D. P. L. unit # 8, Durgapur, West Bengal.

TENDER NO - PSER:SCT:MIS:F1205:11.

SCHEDULE-1- HIRING OF 2 NOS TOWER CRANE FOR 2 X 520 MW HNPCL/VIZAG TPP, Vishakhapatnam, AP.

SL NO	DESCRIPTION	QUANTITY		RATE (Rs)	AMOUNT (Rs)
1.0	Monthly lumpsum hire charge for providing 1 no tower crane along with accessories, complete as per tender.	15	MONTHS		
2.0	Mobilisation and de-mobilisation charge for 1 No. Tower Crane.	1	LUMP SUM		
3.0	Hourly rate for operational charge for 13 hrs operation (excluding lunch break of 1 hr.) for 26 working days per month(with engine on condition) for 1 No. Tower Crane	5070	HRS		
4.0	TOTAL AMOUNT FOR 1 NO TOWER CRANE (SL.NO.1+SL.NO.2+SL.NO.3) (in Rs.)				
5.0	GROSS AMOUNT FOR 2 NOS TOWER CRANES (SL. NO.4 x 2) (in Rs.)				
NOTE:					
1	The above rate quoted shall be firm for all the model of the crane offered against this tender. In case multiple models of crane are quoted, the lowest rate amongst the technically accepted models shall be considered.				
2	Fifty percent of the above Lumpsum Rate quoted for Mobilisation & Demobilisation Charge against Sl.No.2 will be payable against Mobilisation as defined in tender and balance fifty percent is payable against Demobilisation as defined in the tender.				
3	Bidder to note that GROSS AMOUNT FOR 2 NOS TOWER CRANES (at Sl. No. 5.0 above) shall be considered for evaluation and shall be complete in all respects as per tender provision.				

**VOLUME-III
PRICE SCHEDULE, REV-01**

JOB:Hiring of (i) Two (2) no. Tower Crane for 2 X 520 MW HNPCL/ VIZAG TPP, Vishakhapatnam, AP.& (ii) One (1) no. Tower Crane for 1 x 250 MW D. P. L. unit # 8, Durgapur, West Bengal.

TENDER NO - PSER:SCT:MIS:F1205:11.

SCHEDULE-2- One no. Tower Crane for 1 x 250 MW D. P. L. unit # 8, Durgapur, West Bengal.

SL NO	DESCRIPTION	QUANTITY		RATE (Rs)	AMOUNT (Rs)
1.0	Monthly lumpsum hire charge for providing 1 no tower crane along with accessories, complete as per tender.	12	MONTHS		
2.0	Mobilisation and de-mobilisation charge for the crane.	1	LUMP SUM		
3.0	Hourly rate for operational charge for 13 hrs operation (excluding lunch break of 1 hr.) for 26 working days per month(with engine on condition).	4056	HRS		
4.0	TOTAL AMOUNT(Rs.)				

NOTE:

1	The above rate quoted shall be firm for all the model of the crane offered against this tender. In case multiple models of crane are quoted, the lowest rate amongst the technically accepted models shall be considered.
2	Fifty percent of the above Lumpsum Rate quoted for Mobilisation & Demobilisation Charge against Sl.No.2 will be payable against Mobilisation as defined in tender and balance fifty percent is payable against Demobilisation as defined in the tender.
3	Bidder to note that TOTAL AMOUNT (at Sl. No. 4.0 above) shall be considered for evaluation and shall be complete in all respects as per tender provision.