



भारत हेवी इलेक्ट्रिकल्स लिमिटेड

(भारत सरकार का उपक्रम)

BHARAT HEAVY ELECTRICALS LIMITED

(A Govt. of India Undertaking)

TCN – 01

Ref: PSER:SCT:BNP-M1589:TCN-01

Date: 01-09-2014

Sub	Tender change notice (TCN) 01	
Job	Design, manufacturing, supply, storage, erection & commissioning, O&M etc, of 2 Nos 180/30T capacity, double girder EOT crane for 2X660 MW units at IB TPS, OPGCL, Banharpalli, Odisha.	
Ref	1.0	Tender No. PSER:SCT:BNP-M1589:14
	2.0	BHEL's NIT, vide reference no PSER:SCT:BNP-M1589:3910, dated 27/08/2014.
	3.0	All other pertinent issues till date.

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

- 1.0 Volume-IC&ID of the tender document attached as per attached Annexure-A.
- 2.0 Revised 'No deviation certificate' as per enclosed Annexure-2. Bidder shall submit no deviation certificate as per enclosed format only.
- 3.0 All other terms & conditions shall remain unchanged.

Thanking you,

Yours faithfully,
for BHARAT HEAVY ELECTRICALS LTD

SR.ENGR (SCT)

Encl

- 1.0 As above.

पावर सेक्टर पूर्वी क्षेत्र (मुख्यालय)

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

फैक्स/Fax : (033) 23211960

फोन/Phone : बोर्ड/EPABX : 23211691, 23211798, 23211796

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	Design, manufacturing, supply, storage, erection & commissioning, O&M etc, of 2 Nos 180/30T capacity, double girder EOT crane for 2X660 MW units at IB TPS, OPGCL, Banharpalli, Odisha.	
Ref	1.0	Tender No. PSER:SCT:BNP-M1589:14
	2.0	BHEL's NIT, vide reference no PSER:SCT:BNP-M1589:3910, dated 27/08/2014.
	3.0	BHEL's TCN-01, vide reference PSER:SCT:BNP-M1589:TCN-01, dated 01-09-2014.
	4.0	All other pertinent issues till date.

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 authorized representative of the bidder)

पावर सेक्टर पूर्वी क्षेत्र (मुख्यालय)

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

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ANNEXURE-A TO TCN-01		
TENDER NO – PSER:SCT:BNP-M1589:14		
VOLUME-IC&ID, R-0	COMMON SPECIAL CONDITIONS OF CONTRACT (SUPPLY & SERVICE)	PAGE 1 OF 5

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This volume shall be construed as part of tender document and shall be read along-with other volumes of tender. Unless otherwise specified, in case of any confusion of any clause/ provision of this volume or any conflict/ inconsistency of any clause/ provision of this volume with that of other volumes, the same shall be brought out by the bidder in writing to BHEL for clarification or during pre-bid discussions, if applicable, failing which most stringent interpretation in favour of BHEL shall be adopted and the same shall be binding to the bidder. Unless otherwise specified, all terms & conditions shall be applicable for entire scope and for each part/ package of tender. This volume is common for both supply & service parts.

CLAUSE NO	DESCRIPTION
1.0	PROJECT SYNOPSIS AND GENERAL INFORMATION
1.1	<p>GENERAL INFORMATION</p> <p>Project name: IB Thermal Power Station, Banharpalli, Jharsuguda, Odisha.</p> <p>No of units x capacity: 2 x 660 MW (Super-critical).</p> <p>Project setting up by: Odisha Power Generation Corporation Ltd (OPGCL).</p> <p>Highest temperature recorded: 48° C.</p> <p>Minimum temperature recorded: 5° C.</p> <p>Monthly maximum dry bulb temperature: 38.9° C (Summer), 28° C (Winter), 33.4° C (Monsoon).</p> <p>Monthly minimum dry bulb temperature: 35.4° C (Summer), 18.7° C (Winter), 28.8° C (Monsoon).</p> <p>Monthly maximum wet bulb temperature: 23.9° C (Summer), 17.8° C (Winter), 25.5° C (Monsoon).</p> <p>Monthly minimum wet bulb temperature: 17.8° C (Summer), 13.4° C (Winter), 25.0° C (Monsoon).</p> <p>Maximum relative humidity: 48% (Summer), 87% (Winter), 87% (Monsoon).</p> <p>Minimum relative humidity: 21% (Summer), 33% (Winter), 87% (Monsoon).</p> <p>Average relative humidity: 65%.</p> <p>Average annual rainfall: 1480 mm.</p> <p>Normal period of rainfall: June ~ September.</p> <p>Wind direction: South West ~ North West.</p> <p>Basic wind speed at 10 mtr height: 44 mtr/ sec as per IS:875, P-3 (1987).</p> <p>Seismic zone: Zone-III as per IS:1893, P-1 (2002).</p> <p>Geographical location: Latitude 21°48' North and Longitude 82°52' East.</p>
1.2	<p>APPROACH TO SITE</p> <p>The site is located at IB Valley, Banharpalli, Jharsuguda, Odisha.</p>

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	<p>Nearest railway station is Belpahar on Howrah-Mumbai railway route, around 18 km from IB TPS.</p> <p>Nearest major town is Jharsuguda, Odisha.</p> <p>Nearest highway is NH200, around 18 km from of IB TPS.</p> <p>Nearest airport is Bhubaneswar Air Port, Odisha.</p> <p>Nearest seaport is Paradeep Port, Odisha..</p>																										
2.0	NAME OF WORK																										
2.1	Total scope broadly covers design, engineering, manufacturing, inspection, testing, painting, supply/ delivery duly packed at project site including freight, receipt, unloading, storage & handling at site, erection, commissioning, load testing, trial run, handing over, operation & maintenance (O&M), etc in line with drawings/ documents/ test procedures approved by BHEL/ customer, for the total scope defined in the technical specification and terms & conditions of tender, taking into account all clarifications, confirmations and agreements till date for 2 nos. of 180/30 T capacity double girder EOT crane with 29.0 m lift of main hook, 35.35 m lift of auxiliary hook, 29.05 m span, 264 m bay length gantry rail & PVC shrouded bus bar type DSL along with additional LT hydraulic rail clamps/ parking brakes, complete with accessories, temporary cable, isolating switch, power cable from isolating switch to DSL, complete with all accessories, hydraulically operated storm brakes, including supply of consumables, erection & commissioning spares, special tools & tackles for maintenance, mandatory spares, for 2x660 MW units at IB-TPS, Banharpalli, Odisha.																										
2.2	The drawings/ documents issued are for tender purpose only.																										
3.0	SCHEDULE OF SUPPLY & EXECUTION																										
3.1	Successful bidder shall furnish L-1, L-2/ L-3 schedule indicating break-up of start & finish dates of design & engineering, manufacturing/ supply (including main scope, spares, as applicable), erection, commissioning, handing over, etc within stipulated completion periods (Supply part & Service part) matching with project schedule, for approval of BHEL. The successful bidder should also ensure monitoring of these activities on daily/ weekly/ monthly basis, whenever required by BHEL. The project schedule might undergo revision/ modification periodically, for which the successful bidder may have to prepare/ modify construction schedule periodically in consultation with BHEL, so as to match with revised project milestones.																										
3.2	Milestone schedule of unit # 3, with a phase gap of 4 months for unit # 4.																										
	<table border="1"> <thead> <tr> <th>Milestone</th> <th>Schedule</th> </tr> </thead> <tbody> <tr> <td>3.2.1</td> <td>Boiler erection start.</td> </tr> <tr> <td>3.2.2</td> <td>Hydro test.</td> </tr> <tr> <td>3.2.3</td> <td>Boiler light-up.</td> </tr> <tr> <td>3.2.4</td> <td>Chemical cleaning of boiler.</td> </tr> <tr> <td>3.2.5</td> <td>Steam blowing</td> </tr> <tr> <td>3.2.</td> <td>Condenser erection start.</td> </tr> <tr> <td>3.2.</td> <td>Turbine erection start.</td> </tr> <tr> <td>3.2.</td> <td>Box-up.</td> </tr> <tr> <td>3.2.</td> <td>Barring gear.</td> </tr> <tr> <td>3.2.</td> <td>Synchronisation.</td> </tr> <tr> <td>3.2.</td> <td>Capability test/ trial run.</td> </tr> <tr> <td>3.2.</td> <td>Substantial completion (Performance test).</td> </tr> </tbody> </table>	Milestone	Schedule	3.2.1	Boiler erection start.	3.2.2	Hydro test.	3.2.3	Boiler light-up.	3.2.4	Chemical cleaning of boiler.	3.2.5	Steam blowing	3.2.	Condenser erection start.	3.2.	Turbine erection start.	3.2.	Box-up.	3.2.	Barring gear.	3.2.	Synchronisation.	3.2.	Capability test/ trial run.	3.2.	Substantial completion (Performance test).
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4.0	DIVISIBLE CONTRACT																										
4.1	Bidder shall note that separate orders shall be placed for (a) Supply part and (b) Services part. Security Deposit, Performance Bond, etc shall be calculated for respective orders separately and successful bidder shall submit accordingly.																										
4.2	Notwithstanding anything stated elsewhere in the tender, the contract to be																										

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	awarded on the basis of supply & service contract (divisible contract) on single source responsibility. In the mode of contracting on the basis of supply & service, the supply portion of the contract will correspond to the price of supply part of price schedule, and service portion of contract will correspond to the price of service part of price schedule.
4.3	But the two contract shall not in any way dilute the responsibility of the successful bidder for successful completion of the job as per tender and both contracts shall contain a cross-fall breach clause, namely that a breach in one contract shall automatically be classified as a breach on other contract which will confer a right on BHEL to terminate the other contract at the risk and cost of the successful bidder.
4.4	The title of ownership of goods to be supplied shall pass on to the owner on dispatch ex-works/ FOR destination. However till the scope is completed in all respect and the plant/ equipment is taken over, the goods shall remain with the custody of the successful bidder.
5.0	EVALUATION OF BID
	Bidders should quote prices as per format supplied in the tender. Bids shall be evaluated based on total price quoted (supply & services) including any loading of price as mentioned in technical specification/ SCC/ Price Schedule, as applicable.
6.0	OTHER TERMS
6.1	Drawings issued, if any, are for tender purpose only. No additional financial implication will be entertained by BHEL at a later date on account any alteration to this, except otherwise specifically addressed in the tender.
6.2	In addition to prevalent statutory laws, act, etc, successful bidder shall also take into account of statutory guidelines regarding The Building and Other Construction Workers (Regulation of Employment & Condition of Service) Act, 1996 along with associated Central/ State Govt Rules.
6.3	Successful bidder shall provide temporary barricade all around the working area to avoid any untoward incident, as per guideline of customer.
6.4	Successful bidder shall strictly comply with the HSE guidelines of BHEL & customer and follow the Access Control System regarding security aspect of the project. Relevant document of the tender shall be referred in these regards.
6.5	Any other non-conformity noticed wrt to customer's guidelines, but not listed in the tender, will also be fined. Decision of BHEL in this regard is final & binding on successful bidder. For this purpose, it is prudent that bidder visit site prior to offer submission and get acquainted with local environment, customer's guideline, etc. No claim successful bidder, whatsoever, at a later date will be entertained by BHEL. The amount will be deducted from bills of the successful bidder. The amount collected on the above will be utilized for giving award to the employees of various agencies working at site who could avoid accidents by following safety rules and for improving the safety at site. Such award will be decided by the committee consisting of employees of agencies working within the project and be awarded in presence of BHEL representative.
6.6	Successful bidder shall submit indemnity bond after receipt of LOI towards indemnifying BHEL of non-fulfillment of any statutory payments to authorities as per prescribed format in line with customer's format.
6.7	The successful bidder shall make arrangement at their own cost for necessary access to the work site from common access road.
6.8	The security and safety laws/ guidelines as applicable from time to time shall have to be strictly followed by the successful bidder. For this purpose, it is prudent that bidder visit site prior to offer submission and get acquainted with local environment, customer's guideline, etc. No claim successful bidder, whatsoever, at a later date will be entertained by BHEL.
6.9	For materials supplied by the successful bidder for the project, entry gate pass duly signed & stamped, as per guidelines of the project, to be submitted positively for record purpose.
6.10	Successful bidder shall submit `Subcontractor Acknowledgement and Consent

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	Form', duly filled-in, signed, for supply part & service part as per prescribed format, available with this tender.
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