



भारत हेवी इलेक्ट्रिकल्स लिमिटेड

(भारत सरकार का उपक्रम)

BHARAT HEAVY ELECTRICALS LIMITED

(A Govt. of India Undertaking)

TCN – 01

Ref: PSER:SCT:NKP-M1673:TCN-01

Date: 09-06-2015

Sub	Tender change notice (TCN) 01	
Job	Design, engineering, manufacturing, supply, erection & commissioning, etc of one (1) No. IDCT cooling tower Pkg for 3x660 MW units at North Karanpura Super Thermal Power Project, Jharkhand.	
Ref	1.0	Tender No. PSER:SCT:NKP-M1673:15
	2.0	BHEL's NIT, vide reference no PSER:SCT:NKP-M1673:4470, dated 20-05-2015
	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 Extension of due date of offer submission from 10-06-2015 to 24-06-2015.

2.0 Following point is added to the Special Note of clause no. 4 of NIT (Page 1 of 3)

C) Performance Vendor evaluation/ assessment of capability of Bidder : Bidder's capability to for executing the job shall also be assessed through average performance evaluation reports (net weighted average) from various ongoing PSER projects under execution (excluding works not commenced) for the assessment period as per enclosed format (Annexure – 4-Rev.1)

I. Here 'Monthly Performance' of the bidder for all the packages (**under execution/** executed during the 'Period of Assessment' in all the Power Sector Eastern Region of BHEL) excepting packages not commenced shall be taken into consideration. The 'Period of Assessment' shall be 6 months preceding the cut off month. The cut off month for reckoning 'Period of Assessment' shall be the month two (2) months preceding the month corresponding to the 'latest date of bid submission', in the following manner:

(Note: For example if 'latest date of bid submission' is in Aug 2011, then the 'performance' shall be assessed for a 6 month period upto and inclusive of June 2011, for all the unit wise identified packages (refer Table I)

II. **PERFORMANCE:** Calculation of Overall 'Performance Rating' for 'Packages' for the tendered scope under execution at Power Sector Eastern Region (PSER) for the 'Period of Assessment':

This shall be obtained by summing up the 'Monthly Performance Evaluation' scores obtained by the bidder in Power Sector Eastern Region for all the packages', divided by the total number of package months for which evaluation should have been done, as per procedure below:

a) $P_1, P_2, P_3, P_4, P_5, \dots, P_N$ etc be the packages (**under execution/** executed during the 'Period of Assessment' in Power Sector Eastern Region), excepting packages not commenced. Total number of packages PSER = P_T (ie $P_T = P_1 + P_2 + P_3 + P_4 + \dots + P_N$)

b) Number of Months ' T_1 ' for which 'Monthly Performance Evaluation' as per relevant formats, should have been done in the 'Period of Assessment' for the corresponding package P_1 . Similarly T_2 for package P_2 , T_3 for package P_3 , etc for the tendered scope. Now calculate cumulative total months ' T_T ' for total Packages ' P_T ' for PSER (ie $T_T = T_1 + T_2 + T_3 + T_4 + \dots + T_N$)

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

- c) Sum 'S₁' of 'Monthly Performance Evaluation' Scores (S₁₋₁, S₁₋₂, S₁₋₃, S₁₋₄, S₁₋₅,... S_{1-N}) for package P₁, for the 'period of assessment' 'T₁' (i.e S₁ = S₁₋₁+ S₁₋₂+ S₁₋₃+ S₁₋₄+ S₁₋₅+...S_{1-N}). Similarly S₂ for package P₂ for period T₂, S₃ for package P₃ for period T₃, etc for the tendered scope for PSER. Now calculate cumulative sum 'S_T' of 'Monthly Performance Evaluation' Scores for total Packages 'P_T' for PSER (i.e 'S_T'= S₁+ S₂+ S₃+ S₄+ S₅+... S_N.)
- d) Overall Performance Rating 'R' for the Packages (under execution/ executed during the 'Period of Assessment') in PSER of BHEL):

Aggregate of Performance scores for all similar packages in PSER

= -----
Aggregate of months for each of the similar package for which performance should have been evaluated in PSER

$$S_T = \frac{S_T}{T_T}$$

- e) Bidders to note that the risk of non evaluation or non availability of the 'Monthly Performance Evaluation' reports as per relevant formats is to be borne by the Bidder

f) Table showing methodology for calculating 'a', 'b' and 'c' above

Sl no	Item Description	Details for PSER							Total
		(iii)	(iv)	(v)	(vi)	(vii)	(viii)	(ix)	
1	Packages for PSER → (under execution/ executed during period of assessment)	P ₁	P ₂	P ₃	P ₄	P ₅	...	P _N	Total No of packages for PSER = P _T ie Sum (Σ) of columns (iii) to (ix)
2	Number of Months for which 'Monthly Performance Evaluation' as per relevant formats should have been done in the 'period of assessment for corresponding similar Package (as in row 1)	T ₁	T ₂	T ₃	T ₄	T ₅	...	T _N	Sum (Σ) of columns (iii) to (ix) = T _T
3	Monthly performance scores for the corresponding period (as in Row 2)	S ₁₋₁ , S ₁₋₂ , S ₁₋₃ , S ₁₋₄ , ... S _{1-T1}	S ₂₋₁ , S ₂₋₂ , S ₂₋₃ , S ₂₋₄ , ... S _{2-T2}	S ₃₋₁ , S ₃₋₂ , S ₃₋₃ , S ₃₋₄ , ... S _{3-T3}	S ₄₋₁ , S ₄₋₂ , S ₄₋₃ , S ₄₋₄ , ... S _{4-T4}	S ₅₋₁ , S ₅₋₂ , S ₅₋₃ , S ₅₋₄ , ... S _{5-T5}	S _{N-1} , S _{N-2} , S _{N-3} , S _{N-4} , ... S _{N-TN}	-----
4	Sum of Monthly Performance scores of the corresponding Package for the corresponding period (as in row-3)	S ₁	S ₂	S ₃	S ₄	S ₅	...	S _N	Sum (Σ) of columns (iii) to (ix) = S _T

Evaluation of Bidders performance to execute the job shall be based on as below:

- a) Average Performance Score from PSER Sites > 60% , vendor shall be Considered 'Qualified' for the job.
b) Average Performance Score from PSER Sites = < 60% , vendor shall be Considered 'NOT Qualified' for the job.

Vendors who are not executing any jobs presently in the Region (FOR THE ASSESSMENT PERIOD) and FIRST TIMER to the Region, may be considered subject to satisfying all other tender conditions.

III. **Explanatory note:**

- a) Site execution of the BOP packages shall be evaluated for performance evaluation rating/scores.
b) Package and their evaluation cut-off dates shall be as per following table and finally the bidder's capacity to execute the tendered scope is assessed in line with above :

Table-1 : Identified Packages

SI No.	Packages	Evaluation cut off date
1	EOT Cranes	Load Test of Crane
2	Compressors	
3	FO System/Miscellaneous Tank	
4	AC System	
5	Fire Protection System	
6	Water Packages & CPU	
7	NTCT/IDCT	
8	Other packages (incl. Hydrogen Plant, Ventilation System, Elevators, Mill Reject System etc.)	Handing Over /PG Test of Eqpt

Note : BHEL at its discretion can extend (or reduce in exceptional cases in line with Contract conditions) the period defined against (i), (ii) and (iii) above, depending upon the balance scope of work to be completed.

- a) Performance evaluation as above is applicable to Prime bidder and consortium partner (or Technical tie up partner) for their respective scope of work.

Quarter shall be as per the quarter defined in the "Evaluation of Contractor performance (Quarterly)". For contracts where annexed Quarterly Evaluation performance was not part of the contract, 'Quarterly Performance Reports' previous to the last quarter reckoned from the date of latest due date of submission, given by the respective project site against the contract will be the basis for evaluation.

Evaluation of Bidders performance to execute the job shall be based on as below:

- a) Net Weighted Score from PSER Sites > 60% , vendor shall be Considered 'Qualified' for the job.
b) Net Weighted Score from PSER Sites = < 60% , vendor shall be Considered 'NOT Qualified' for the job.
Vendors who are not executing any jobs presently in the Region and first timers to the Region, may be considered subject to satisfying all other tender conditions.

- 3.0 The Annexure-4 issued with the NIT dated 20-05-2015 is superceded with the Annexure – 4-Rev.01 attached herewith.
4.0 Revised 'No deviation certificate' as per enclosed Annexure-2. Bidder shall submit no deviation certificate as per enclosed format only.
5.0 All other terms & conditions shall remain unchanged.

Thanking you,

Yours faithfully,
for BHARAT HEAVY ELECTRICALS LTD

SR.ENGR (SCT)

Encl : As above.

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, engineering, manufacturing, supply, erection & commissioning, etc of one (1) No. IDCT cooling tower Pkg for 3x660 MW units at North Karanpura Super Thermal Power Project, Jharkhand.	
Ref	1.0	Tender No. PSER:SCT:NKP-M1673:15
	2.0	BHEL's NIT, vide reference no PSER:SCT:NKP-M1673:4470, dated 20-05-2015
	3.0	BHEL's TCN-01, vide reference no PSER:SCT:NKP-M1673:TCN-01, dated 09-06-2015.
	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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TCN-01 TO TENDER NO. PSER:SCT:NKP-M1673:15

Contractor Performance Evaluation Report

Annexure-4 Rev-01

Monthly Evaluation for the Month of _____				
Contract No/Date				
Vendor				
Name Of Work				
Package				
SI No	Parameter of Measurement	Max Score	Score Obtnd	Remarks
QUALITY				
1.06	Total number of complaints in the month on non-preservation of materials under the custody of the contractor / erected in his scope.	0.35		
1.07	Cumulative number of days in the month delayed due to poor organisation/planning of works at site.	0.625		
1.08	Total number of rework instances in a month necessitated due to improper works/procedures by contractor	0.625		
1.09	Total number of complaints received in the month on the quality of finish / aesthetics	0.65		
1.1	Total number of instances in the month, House keeping NOT attended to inspite of instructions by BHEL -ie removal / disposal of surplus earth / debris / scrap / unused / surplus cable drums / other electrical items / surplus steel items / packing materia	0.625		
1.01	Cumulative number of days in the month, the nominated Quality Officer or his authorised nominee was not available	0.35		
1.02	Shortfall in number of weekly Quality meetings in the month, not conducted or not attended by Quality officer or his authorised nominee	0.7		
1.03	Level of compliance wrt decisions taken in previous Quality meeetings	0.35		
1.04	Number of batches of welding electrodes, cement, sand , aggregate, consumable, Paints etc as applicable for which test certificates not submitted OR MM & MH pkg:) In case of MM & MH package, monthly checks	0.375		
1.05	Number of incidences of improper storage of inflammable gases and liquids, fuel etc	0.35		
QUALITY SUB Total		5		
PERFORMANCE				
2.01	Number of times the workplan submitted FOR THE NEXT MONTH is REJECTED for not being supported with proper T&P (major) and Manpower.	3.47		
2.02	Number of times the Work plan (unloading and storage plans in case of MM & MH packages) is not supported by relevant construction/layout drawings - like A4 plan / elevation views of plan status for structures / pressure parts/Civil Works, Piping isometri	3.47		
2.03	Cumulative number of days of delay in submission of plan FOR THE NEXT MONTH supported by deployment plan of Major T&Ps and Manpower (as per C-1 & C-2 of Format F-14)	1.73		
2.04	Percentage of delayed submission of Daily Reports for Progress, Labour etc	1.87		
2.05	Number of days delayed for submission of log sheets / protocols / Monthly Progress reports for the work executed during the month under measurement	0.93		
2.06	Shortfall attributable to contractor as a percentage of what is clearly executable (In line with Terms of payment) by contractor as per the plan (part-A of F-14) for the subject month	20.67		
2.07	Cumulative number of days in the month for which feedback/briefing on plans for the day and the progress of previous day was not given to BHEL	2.67		
2.08	Cumulative number of major instances in the month hampering/affecting progress of work due to improper management of labour and T&P at site leading to slowed progress of work or extended the completion of works	3.47		
2.09	Cumulative number of days of work lost due to interface issues with fellow contractors/ customers leading to stoppage / delay in works, attributable to the contractor	1.73		
2.1	Number of times the commitments on augumentation of resources as per plan for the month have slipped	3.47		
2.11	Number of days the submission of Running bills for the month are delayed	0.93		
2.12	Number of days the supporting documents for the Running bills submitted for the month are delayed	0.93		
2.13	Number of times updations were not carried out in maintanance of records in PC in a form approved by BHEL at site (as applicable for respective packages).	1.33		
2.14	Number of times the Top Management of contractor did not respond to critical issues of site, for the month	3.47		
2.15	Number of refusals for improvement/remedial measures suggested by BHEL	0.67		

TCN-01 TO TENDER NO. PSER:SCT:NKP-M1673:15

Contractor Performance Evaluation Report

Annexure-4 Rev-01

	Monthly Evaluation for the Month of _____			
Contract No/Date				
Vendor				
Name Of Work				
Package				
Sl No	Parameter of Measurement	Max Score	Score Obtnd	Remarks
2.16	Cumulative number of days in the month the works were stopped / refused on interpretation of contract clauses/scope due to tendency of taking undue advantage by interpreting contract clauses in their favour	2.67		
2.17	Number of times rework refused	1.73		
2.18	Cumulative number of days in the month recording/logging was not done in daily log/ history register / hindrance register maintained at BHEL Site Office	1.33		
2.19	Erection Agency: Cumulative number of major instances in the month hampering/affecting progress of work due to delayed or non-deployment of separate gang for material handling works OR MM Agency: Cumulative number of major instances in the month hamperin	3.47		
PERFORMANCE SUB Total		60.01		
RESOURCES				
3.01	Number of days of delay in submission of PLAN vis a vis ACTUAL deployment of Manpower for the month under review (as per part B-2 of F-014)	1.5		
3.02	Number of days of non-availability of supporting staff at office for submission of required reports/documentation as required for the contract	1.5		
3.03	Number of days of delay in submission of PLAN vs ACTUAL deployment of major T&P for the month under review (as per B-1 of F-14)	2.5		
3.04	Cumulative number of major instances in the month hampering/affecting progress of work due to non availability of operator / fuel in contractor's scope for Major T&P and MME	2.5		
3.05	Cumulative number of major instances in the month hampering/affecting progress of work due to breakdown or non availability of major T&P and MME for the work	2.5		
3.06	Cumulative number of major instances in the month hampering/affecting progress of work due to non-availability of proper T&P/MME (number, capacity adequacy, and working condition) under the scope of contractor	2.5		
3.07	Number of times Contractor's T&P (items common to BHEL and Contractor) was NOT made available before requesting for the same T&P from BHEL	2.5		
3.08	Cumulative number of major instances in the month hampering/affecting progress of work due to non-availability of Consumables under the scope of contractor	2.5		
3.09	Cumulative number of days in the month lost due to use of improper consumables like electrodes, gases, Cement, sand, etc as applicable	2		
RESOURCES SUB Total		20		
SITE INFRASTRUCTURE & SERVICE				
4.06	Number of days of non-availability of potable drinking water stations for workers in specified areas.	0.44		
4.07	If applicable as per contract, Provision of Water meter for each point of distribution and cumulative number of days of non-submission of water consumption / non-working of water meter	0.44		
4.08	Provision of Energy meter for each point of distribution and cumulative number of days of non-submission of energy consumption / non-working of energy meter	0.44		
4.09	Commitment of Top Management of Contractor for welfare of labour	0.44		
4.01	Number of deviations from the site organisation report submitted initially wrt deployment for the current month affecting work progress.	0.94		
4.02	Cumulative number of days in the month lost due to delayed renewal in respect of Labour license, Insurance, electrical licence, factory inspector etc as applicable	0.94		
4.03	Number of non-compliances of Statutory requirements like validity of Labour Licence, Labour Insurance, PF, etc and any other applicable Regulation	0.5		
4.04	Cumulative number of days in a month poor illumination is reported at storage area, erection area, pre-assy area and other designated areas by BHEL site.	0.44		
4.05	Number of days of non-availability of well maintained toilets facilities for workers (separate for men and women)	0.44		
SITE INFRASTRUCTURE & SERVICE SUB Total		5.02		

Contractor Performance Evaluation Report

Annexure-4 Rev-01

Monthly Evaluation for the Month of _____				
Contract No/Date				
Vendor				
Name Of Work				
Package				
SI No	Parameter of Measurement	Max Score	Score Obtnd	Remarks
SITE FINANCE				
5.01	Number of days delayed in making labour payments of the last month	2.14		
5.02	Number of complaints from sub supplier for non receipt of payments	1.43		
5.03	Number of times the site operations are hampered for want of funds at the disposal of site-in-charge.	1.43		
SITE FINANCE SUB Total		5		
HSE & SA				
6.01	Cumulative number of days in a month the nominated Safety Officer or his authorised nominee is not available	0.5		
6.02	Shortfall in number of weekly safety meetings in the month conducted or attended by the Safety Officer or his authorised nominee	0.25		
6.03	Level of compliance wrt decisions taken in previous Safety meetings	0.25		
6.04	Delay in submission of monthly report on safety in the prescribed form	0.25		
6.05	Number of days taken for lodging FIRs from date of occurrence/notice of incident of theft / accident etc	0.25		
6.06	Number of times warnings issued for using scaffoldings other than steel	0.25		
6.07	Number of times punitive fines imposed for not complying with use of PPE	0.375		
6.08	Number of times punitive fines imposed for unsafe practices	0.345		
6.09	Delay in number of days in submission of monthly report on provisions, maintainance and validity of fire extinguishers	0.25		
6.1	Delay in number of days in submission of monthly report on provisions and maintenance of Electrical Safety for Equipments	0.25		
6.11	Delay in number of days in submission of monthly report on provisions and maintainance of proper ELCBs for Electrical Safety of Personnel.	0.25		
6.12	Number of times the agency has defaulted on display of safety posters / safety slogans / safety barriers/emergency numbers etc in identified areas	0.25		
6.13	Non compliances observed during HSE and Safety Audit	0.25		
6.14	Cumulative number of days in the month, First Aid Kits were not maintained at designated places at site	0.25		
6.15	Cumulative number of days in the month, there was non-availability of Ambulance or Emergency vehicle (whichever applicable) at Site.	0.25		
6.16	Number of days taken for submission of Root Cause analysis (RCA) for the accident /theft/ incidence from the cut off date intimated by BHEL for submission of RCA NOTE: Occurrences of last month to be accounted for in the evaluating month)	0.25		
6.17	Cumulative number of days in the month Women labour were deployed for office or site works during night hours (anytime between 18.00 hrs to 08.00 hrs)	0.25		
6.18	Cumulative number of days in the month children under the age of 18 years were deployed for office or site works	0.25		
HSE & SA SUB Total		4.97		
Total		100		
Less Deduction in Score Due to Major Accidents Attributable to the Contractor				
Less Deduction in Score Due to Minor Accidents Attributable to the Contractor				
Final Score				
Prepared on:				
Package Manger				Vendor