

भारत हेवी इलेक्ट्रिकल्स लिमिटेड

(भारत सरकार का उपक्रम)

BHARAT HEAVY ELECTRICALS LIMITED

(A Govt. of India Undertaking)

Ref: PSER:SCT:TSL-T1811:5476

Date: 10-02-2017

NOTICE INVITING TENDER

NOTE: INTENDING BIDDER TO PARTICIPATE MAY DOWNLOAD FROM WEB SITES

Sealed offers in two part bid system are invited from reputed & experienced bidders meeting PRE QUALIFICATION CRITERIA as mentioned in Annexure-1 through E-Procurement Portal https://bheleps.buyjunction.in only, for the subject job by the undersigned on the behalf of BHARAT HEAVY ELECTRICALS LIMITED as per the tender document. Issue/ forwarding intimation regarding tender to any bidder shall not construe that the bidder is considered to be qualified. Consideration of their offer is subject to CUSTOMER APPROVAL & compliance of loading criteria as per clause no. 8.0 of NIT etc specified below. Following points relevant to the tender may please be noted and complied with.

1.0 Salient Features of NIT

SL NO	ISSUE	DESCRIPTION					
i	TENDER NUMBER	PSER:SCT:TSL-T1811:17.					
ii	Broad Scope of job	Handing & Receipt of Materials from TSL Material Stores/Works, Transportation to Erection Site, Unloading, Pre-Assembly as required, Erection, Alignment, Welding, Pre-Commissioing, Commissioing, Final Painting and Handing Over to BHEL/Owner 1x40MW STG set with associated Electrical and C&I Works of 1x40MW Captive Power Plant for CDQ-10&11 at TSL,					
		Jamshedpur, Dist-Singbhum (East), Jharkhand.					
iii	DETAILS OF TENDER DOC						
а	Volume-IA	General conditions of contract (Supply)	Not Applicable.				
b	Volume-IB	General conditions of contract (Service)	Applicable.				
С	Volume-IC	Special conditions of contract (Supply)	Not Applicable.				
d	Volume-ID	Special conditions of contract (Service)	Applicable.				
е	Volume-IE	Forms and Procedures etc.	Applicable.				
f	Volume-IF	Technical Conditions of Contract (TCC)	Applicable.				
g	Volume-III	Price Schedule (Absolute value) – Rev-00	Applicable.				
iv	ISSUE OF TENDER DOCUMENTS	This is an E-tender floated online through our E-Procurement Site https://bheleps.buyjunction.in . Start date of the tender= 10-02-2017	Applicable.				
V	DUE DATE & TIME OF OFFER SUBMISSION	Date: 24-02-2017, Time: 15-00 Hrs. The bidder should respond by submitting their offer online in our e-Procurement platform at https://bheleps.buyjunction.in only. Offers are invited in two-parts only. Hard copy bid or bids through email/ fax shall not be accepted.	Applicable.				
Vİ	OPENING OF TENDER	Date: 24-02-2017 1 hours after the latest due date and time of Offer submission Notes: (1) In case the due date of opening of tender becomes a non-working day, tenders shall be opened on next working day at the same time. (2) Bidder may depute representative to witness the	Applicable.				

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 : 2321 1691/ 2339 8000

		opening of tender.	
vii	EMD AMOUNT	Rs. 8,38,700/-	Applicable
viii	COST OF TENDER	Rs. 2,500/-	<i>Applicable</i>
ix	LAST DATE FOR SEEKING	Date: 15-02-2017 Along with soft version also, addressing to undersigned &	Applicable
	CLARIFICATION	to others as per contact address given below	A
X	SCHEDULE OF Pre Bid Discussion (PBD)		Not Applicable (In case BHEL decides to conduct PBD, date, time & venue of PBD will be intimated suitably thru TCN.)
xi	INTEGRITY PACT & DETAILS OF INDEPENDENT EXTERNAL MONITOR (IEM)		Not Applicable
xii	Latest updates	Latest updates on the important dates, Amendments, Correspondences, Corrigenda, Clarifications, Changes, Errata, Modifications, Revisions, etc to Tender Specifications will be hosted in BHEL webpage (www.bhel.com —>Tender Notifications —>View Corrigendums & www.jantermanter.com/ CPP portal —>Tender Notice) & E-Procurement Site https://bheleps.buyjunction.in and not in the newspapers. Bidders to keep themselves updated with all such information.	Shall be intimated to bidder

- 2.0 The offer shall be submitted as per the instructions of tender document and as detailed in this NIT. Bidders to note specifically that all pages of tender document, including these NIT pages of this particular tender together with subsequent correspondences shall be submitted by them, duly digitally signed & stamped on each page, as part of offer. Rates/Price including discounts/rebates, if any, mentioned anywhere/ in any form in the techno-commercial offer other than the Price Bid, shall not be entertained.
- 3.0 Unless specifically stated otherwise, bidder shall remit cost of tender (non-refundable) and courier charges if applicable, in the form of Demand Draft drawn in favour of Bharat Heavy Electricals Ltd, payable at Kolkata, issuing the Tender, along with techno-commercial offer. Bidder may also choose to deposit the Tender document cost by cash at the Cash Office, on any working day; and in such case copy of Cash receipt is to be enclosed with the Techno Commercial offer.
- 4.0 Unless specifically stated otherwise, bidder shall have to to deposit EMD through Demand Draft/Pay Order in favour of Bharat Heavy Electricals Ltd, payable at Kolkata. For other details please refer General Conditions of Contract.

Bidders may please be noted that "OEMD" provision stands deleted. Hence, bidders who have deposited Rs. 2 Lakh as OEMD are also requested to submit fresh EMD as mentioned in sl no vii under clause no 1.0 of NIT.

5.0 Procedure for Submission of Tenders: The Tenderers must submit their Tenders as detailed below:

DOCUMENTS TO BE UPLOADED & MODALITY OF UPLOADING

SI no	Description	Remarks
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PART-I A	(TECHNO COMMERCIAL BID)	
	CONTAINING THE FOLLOWING:-	
i.	Covering letter/Offer forwarding letter of Tenderer. (To be attached in relevant Attachment section)	
ii.	Duly filled-in `No Deviation Certificate' as per prescribed format. (To be attached in relevant Attachment section)	
	Note: a. 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 attached in relevant attachment section of the e –procurement portal. It shall be specifically noted that deviation recorded elsewhere shall not be entertained.	
	b. BHEL reserves the right to accept/reject the deviations without assigning any reasons, and BHEL decision is final and binding. i). In case of acceptance of the deviations, appropriate loading shall be done by BHEL ii). In case of unacceptable deviations, BHEL reserves the right to reject the tender	
iii.	Supporting documents/ annexures / schedules/ drawing etc as required in line with Pre-Qualification criteria.	
	It shall be specifically noted that all documents as per above shall be attached in relevant attachment section and credential certificates issued by clients shall distinctly bear the name of organization, contact ph no, FAX no, etc.	
iv.	All Amendments/Correspondences/Corrigenda/Clarifications/Changes/ Errata etc pertinent to this NIT. (To be attached in relevant Attachment section)	
٧.	Integrity Pact Agreement (Duly signed by the authorized signatory)	Not Applicable.
vi.	Duly filled-in annexures, formats etc as required under this Tender Specification/NIT (To be attached in relevant Attachment section)	
vii.	Notice inviting Tender (NIT) (To be attached in relevant Attachment section)	
viii.	Volume – I F : Technical Conditions of Contract (TCC) (To be attached in relevant Attachment section)	
ix.	Volume – I D : Special Conditions of Contract (SCC)-Service (To be attached in relevant Attachment section)	
Χ.	Volume – I B: General Conditions of Contract (GCC)-Service (To be attached in relevant Attachment section)	
xi.	Volume – I E : Forms & Procedures etc. (To be attached in relevant Attachment section)	
xii.	Volume–III - (UNPRICED – without disclosing rates/price, but mentioning only 'QUOTED' or 'UNQUOTED' against each item. (To be attached in Unpriced Bid Attachment section)	
xiii.	Any other details preferred by bidder with proper indexing. (To be attached in relevant Attachment section)	

PART-I B	EMD/ COST OF TENDER			
	(To be submitted offline within due date of offer submission)			
	CONTAINING THE FOLLOWING:-			
i.	1. Earnest Money Deposit (EMD) in the form as indicated in this			

	Tender	
2.	Cost of Tender (Demand Draft or copy of Cash Receipt as the case may be).	

PART-II	PRICE BID	
	(TO BE ATTACHED IN PRICE BID ATTACHMENT SECTION)	
	CONTAINING THE FOLLOWING:-	
i	Covering letter/Offer forwarding letter of Tenderer enclosed in Part-I	
ii	Volume III - PRICE BID (Duly Filled in Schedule of Rates - rate/price to be	
	entered in words as well as figures)	
	Any other document uploaded in the price bid, apart from above tender	
	format, shall not be taken into cognizance for evaluation of offer.	

SPECIAL NOTE:

- A) Your offer & documents submitted along with offer shall be digitally 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) The credentials/documents submitted towards compliance of Pre-qualification requirement shall be physically signed by the authorized signatory & stamped before uploading/submission with the offer in the e-procurement portal.
- C) All documents/ annexures submitted with the offer shall be properly attached in the respective sections. BHEL shall not be responsible for any missing documents.
- No Deviation with respect to tender clauses and no additional clauses/ suggestions/ in Techno-commercial bid/ Price bid shall normally be considered by BHEL. Bidders are requested to positively comply with the same.
- 7.0 BHEL reserves the right to accept or reject any or all Offers without assigning any reasons thereof. BHEL also reserves 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).

8.0 Assessment of Capacity of Bidders:

Bidder's capacity for executing the job under tender shall be assessed 'LOAD' wise and 'PERFORMANCE' wise as per the following:

I. <u>LOAD</u>: Load takes into consideration <u>ALL</u> the contracts of the Bidder under execution with BHEL Regions, irrespective of whether they are similar to the tendered scope or not. The cut off month for reckoning 'Load' shall be the 3rd Month preceding the month corresponding to the 'latest date of bid submission', in the following manner -

(<u>Note:</u> For example, if latest bid submission is in Jan 2017, then the 'load' shall be calculated up to and inclusive of Oct 2016)

Total number of Packages in hand = Load (P)

Where 'P' is the sum of all unit wise identified packages (refer table-1) under execution with BHEL Regions as on the cut off month defined above, including packages yet to be commenced, excepting packages which are on Long Hold.

II. <u>PERFORMANCE</u>: Here 'Monthly Performance' of the bidder for all the packages (under execution/ executed during the 'Period of Assessment' in all Power Sector Regions of BHEL) <u>SIMILAR</u> to the packages covered under the tendered scope, excepting packages not commenced shall be taken into consideration. The 'Period of Assessment' shall be 6 months preceding and including the cut off month. The cut off month for reckoning

'Period of Assessment' shall be the 3rd Month preceding the month corresponding to 'latest date of bid submission', in the following manner:

(Note: For example, if 'latest date of bid submission' is in Jan 2017, then the 'performance' shall be assessed for a 6 months' period up to and inclusive of Oct 2016 (i.e. from May 2016 to Oct 2016), for all the unit wise identified packages (refer Table I))

i). <u>Calculation of Overall 'Performance Rating' for 'Similar Package/Packages' for the tendered scope</u> under execution at Power Sector Regions for the 'Period of Assessment':

This shall be obtained by summing up the 'Monthly Performance Evaluation' scores obtained by the bidder in all Regions for all the similar Package/packages', divided by the total number of Package months for which evaluation should have been done, as per procedure below:

- a) P₁, P₂, P₃, P₄, P₅, P_N etc. be the packages (under execution/ executed during the 'Period of Assessment' in all Regions of BHEL) <u>SIMILAR</u> to the packages covered under the tendered scope, excepting packages not commenced. Total number of similar packages for all Regions = P_T (i.e. P_T = P₁ +P₂ + P₃ +P₄ +... 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 similar 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 similar Packages ' P_T ' for all Regions (i.e. $T_T = T_1 + T_2 + T_3 + T_4 + ... T_N$)
- c) Sum 'S₁ 'of 'Monthly Performance Evaluation' Scores (S₁₋₁, S₁₋₂, S₁₋₃, S₁₋₄, S₁₋₅.... S_{1-T1}) for similar package P₁, for the 'period of assessment' 'T₁' (i.e. S₁ = S₁₋₁+ S₁₋₂+ S₁₋₃+ S₁₋₄+ S₁₋₅+...S_{1-T1}). Similarly, S₂ for package P₂ for period T₂, S₃ for package P₃ for period T₃ etc. for the tendered scope for all Regions. Now calculate cumulative sum 'S_T' of 'Monthly Performance Evaluation' Scores for total similar Packages 'P_T' for all Regions (i.e. 'S_T' = S₁+ S₂+ S₃+ S₄+ S₅+.... S_N)
- d) Overall Performance Rating 'R_{BHEL}' for the Similar Package/Packages (under execution/ executed during the 'Period of Assessment') in all the Power Sector Regions of BHEL

- 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

SI. No.	Item Description		Details for all Regions				Total		
(i)	(ii)	(iii)	(iv)	(v)	(vi)	(vii)	(viii)	(ix)	(x)
	Similar Packages for all Regions → (under execution/executed during period of assessment)	P ₁	P ₂	P ₃	P ₄	P ₅		P _N	Total No. of similar packages for all Regions = P_T i.e. Sum (Σ) of columns (iii) to (ix)

SI. No.	Item Description		[Details 1	for all F	Regions	i		Total
(i)	(ii)	(iii)	(iv)	(v)	(vi)	(vii)	(viii)	(ix)	(x)
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 Packages (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} , 	
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

ii). Calculation of Overall 'Performance Rating' (R_{BHEL}) in case at least 6 evaluation scores for 'similar Package/Packages' for the tendered scope ARE NOT AVAILABLE, during the 'Period of Assessment':

This shall be obtained by summing up the 'Monthly Performance Evaluation' scores obtained by the bidder in all Regions for ALL the packages, divided by the total number of Package months for which evaluation should have been done. 'R_{BHEL}' shall be calculated subject to availability of 'performance scores' for at least 6 'package months' in the order of precedence below:

- a) 'Period of Assessment' i.e. 6 months preceding and including the cut-off month
- b) 12 months preceding and including the cut-off month
- c) 24 months preceding and including the cut-off month
- d) 36 months preceding and including the cut-off month

In case, R_{BHEL} cannot be calculated as above, then Bidder shall be treated as 'NEW VENDOR'. Further eligibility and qualification of this bidder shall be as per definition of 'NEW VENDOR' described in 'Explanatory Notes'.

iii). Factor "L" assigned based on Overall Performance Rating (RBHEL) at Power Sector Regions:

SI. no.	Overall Performance Rating (R _{BHEL})	Corresponding value of 'L'
1	=60	NA
2	> 60 and ≤ 65	0.4
3	> 65 and ≤ 70	0.35
4	> 70 and ≤ 75	0.25
5	> 75 and < 80	0.2
6	≥ 80	NA

III. 'Assessment of Capacity of Bidder':

'Assessment of Capacity of Bidder' is based on the Maximum number of packages for which a vendor is eligible, considering the performance scores of similar packages, as below:

Max number of packages P_{Max}= (R_{BHEL} - 60) divided by corresponding value of 'L', i.e. (R_{BHEL} - 60)/L

Note:

- In case the value of P_{Max} results in a fraction, the value of P_{Max} is to be rounded off to next whole number
- ii). For $R_{BHEL} = 60$, $P_{Max} = 1$
- iii). For $R_{BHEL} \ge 80$, there will be no upper limit on P_{Max}

The Bidder shall be considered 'Qualified' as per 'Assessment of Capacity of Bidder' for the subject Tender if $P \le P_{Max}$

(Where P is calculated as per clause 'I' above)

IV. <u>Explanatory note</u>:

i). Similar package means Boiler or ESP or Piping or Turbine or Civil or Structure or Electrical or C&I etc. at the individual level irrespective of rating of Plant and irrespective of whether the subject tender is a single package or as part of combined/composite packages. Normally Boiler, ESP, Piping, Turbine, Electrical, C&I, Civil, Structure etc. is considered individual level of package. For example, in case the tendered scope is a Boiler Vertical Package comprising of Boiler, ESP and Power Cycle Piping (i.e. the 'identified packages as per Table-1 below), the 'PERFORMANCE' part against sl.no. Il above, needs to be evaluated considering all the identified packages (i.e. Boiler, ESP and Power Cycle Piping) and finally the Bidder's capacity to execute the tendered scope is assessed in line with III above.

ii). Identified Packages (Unit wise)

Table-1

<u>rabie-r</u>		
Civil	Electrical and C&I	Mechanical
i). Enabling works	i). Electrical	i). Boiler & Aux (All types including
ii). Pile and Pile Caps	ii). C&I	CW Piping if applicable)
iii). Civil Works including	iii). Others (Elect. and C&I)	ii). Power Cycle Piping/Critical Piping
foundations		iii). ESP
iv). Structural Steel Fabrication		iv). LP Piping
& Erection		v). Steam Turbine Generator set &
v). Chimney		Aux
vi). Cooling Tower		vi). Gas Turbine Generator set & Aux
vii). Others (Civil)		vii). Hydro Turbine Generator set &
		Aux
		viii). Turbo Blower (including Steam
		Turbine)
		ix). Material Management
		x). Others (Mechanical)

iii). Bidders who have not been evaluated for at least six package months in the last 36 months preceding and including the Cut-off month in the online BHEL system for contractor performance evaluation in BHEL PS Regions, shall be considered "NEW VENDOR".

A 'NEW VENDOR' shall be considered qualified subject to satisfying all other tender conditions.

A 'NEW VENDOR' if awarded a job (of package/packages identified under this clause) shall be tagged as "FIRST TIMER" on the date of first LOI from BHEL.

The "FIRST TIMER" tag shall remain till execution of work for a period of not less than 09 months from the commencement of work of first package or completion of contract or availability of 6 evaluation scores including the previous scores (if any).

A Bidder shall not be eligible for the next job as long as the Bidder is tagged as "FIRST TIMER" excepting for the Tenders which have been opened on or before the date of the bidder being tagged as 'FIRST TIMER'.

After removal of 'FIRST TIMER' tag, the Bidder shall be considered 'QUALIFIED' for the future tenders subject to satisfying all other tender conditions including 'Assessment of Capacity of Bidders'.

- iv). In the unlikely event of all bidders shortlisted against Technical and Financial Qualification criteria not meeting the criteria on 'Assessment of Capacity of Bidders' detailed above, OR leads to a single tender response on applying the criteria of 'Assessment of Capacity of Bidders' OR due to non-approval by Customer, then BHEL at its discretion reserves the right to consider the further processing of the Tender based on the Overall Performance Rating 'R_{BHEL}' only, starting from the upper band.
- v). 'Under execution' shall mean works in progress as per the following:
 - a. Up to execution of 90% of anticipated Contract Value in case of Civil, MM, Structural and Turbo Blower Packages
 - b. Up to Steam Blowing in case of Boiler/ESP/Piping Packages
 - c. Up to Synchronization in all Balance Packages

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

- vi). Contractor shall provide the latest contact details i.e. mail-ID and Correspondence Address to SCT Department, so that same can be entered in the Contractor Performance Evaluation System, and in case of any change/discrepancy same shall be informed immediately. Login Details for viewing scores in Contractor Performance Evaluation System shall be provided to the Contractor by SCT Department.
- vii). Performance Evaluation for Activity Month shall be completed in Evaluation Month (i.e. month next to Activity Month) or in rare cases in Post Evaluation Month (i.e. month next to Evaluation Month) after approval from Competent Authority. In case scores are not acceptable, Contractor can submit Review Request to GM Site/ GM Project latest by 25th of Evaluation Month or 3 days after approval of score, whichever is later. However, acceptance/rejection of 'Review Request' solely depends on the discretion of GM Site/GM Project. After acceptance of Review Request, evaluation score shall be reviewed at site and the score after completion of review process shall be acceptable and binding on the contractor.
- viii). Project on Hold due to reasons not attributable to bidder -
 - a. Short hold: Evaluation shall not be applicable for this period, however Loading will be considered.
 - b. Long hold: Short hold for continuous six months and beyond or hold on account of Force Majeure shall be considered as Long Hold. Evaluation as well as Loading shall not be considered for this period.
- ix). Performance evaluation in CL 8 above is applicable to prime bidder and Consortium partner (or Technical tie up partner) for their respective scope of work.
- 9.0 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, applicable wage structure, wage rules, 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.
- 10.0 For any clarification on the tender document, the bidder may seek the same in writing, through e-mail or through E-Procurement Site https://bheleps.buyjunction.in, as per specified format, within the scheduled date for seeking clarification, from the office of the undersigned. BHEL shall not be responsible for receipt of queries after due date of seeking clarification due to any delay. Any clarification / query received after last date for seeking clarification may not be normally entertained by BHEL and no time extension will be given.
- 11.0 BHEL may decide holding of pre-bid discussion [PBD] with all intending bidders as per date indicated in the NIT. The bidder shall ensure participation for the same at the appointed time, date and place as may be decided by BHEL. Bidders shall plan their visit accordingly. The outcome of pre-bid discussion (PBD) shall also form part of tender.

- 12.0 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, interpretation by BHEL shall prevail. Any typing error/missing pages/ other clerical errors in the tender documents, noticed must be pointed out before pre-bid meeting/submission of offer else BHEL's interpretation shall prevail.
- 13.0 Unless specifically mentioned otherwise, bidder's quoted price shall deemed to be in compliance with tender including PBD.
- 14.0 Bidders shall submit Integrity Pact Agreement (Duly signed by authorized signatory who signs in the offer), along with techno commercial bid. This pact shall be considered as a preliminary qualification for further participation. The names and other details of Independent External Monitor (IEM) for the subject tender is as given at point (xi) of 1 above.
- The Bidder has to satisfy the Pre Qualifying Requirements stipulated for this Tender in order to be qualified. The Price Bids of only those bidders will be opened who will be qualified for the subject job on the basis of satisfying the Pre Qualification Criteria specified in this NIT as per Annexure-1 (as applicable), past performance etc. and date of opening of price bids shall be intimated to only such bidders. BHEL reserves the right not to consider offers of parties under HOLD.
- In case BHEL decides on a 'Public Opening', the date & time of opening of the PRICE BID shall be intimated to the qualified bidders and in such a case, price bid (Volume-III) uploaded in E-Procurement Site https://bheleps.buyjunction.in will be opened.
- 17.0 Validity of the offer shall be for six months from the latest due date of offer submission (including extension, if any) unless specified otherwise.
- 18.0 BHEL reserves the right to go for Reverse Auction (RA) (Guidelines as available on www.bhel.com) instead of opening the sealed envelope price bid, submitted by the bidder. This will be decided after technocommercial evaluation. Bidders to give their acceptance with the offer for participation in RA. Non-acceptance to participate in RA may result in non-consideration of their bids, in case BHEL decides to go for RA.

However, if reverse auction process is not adopted or is unsuccessful for whatsoever reason, absolute value price bid (Volume-III) uploaded in E-Procurement Site https://bheleps.buyjunction.in will be opened for deciding the successful bidder. BHEL's decision in this regard will be final & binding on bidder.

Those bidders who have given their acceptance to participate in Reverse Auction will have to necessarily submit 'Process compliance form' (to the designated service provider) as well as 'Online sealed bid' in the Reverse Auction. Non-submission of 'Process compliance form' or 'Online sealed bid' by the agreed bidder(s) will be considered as tampering of the tender process and will invite action by BHEL as per extant guidelines for suspension of business dealings with suppliers/ contractors (as available on www.bhel.com).

The bidders have to necessarily submit online sealed bid less than or equal to their envelope sealed price bid already submitted to BHEL along with the offer. The envelope sealed price bid of successful L 1 bidder in RA, if conducted, shall also be opened after RA and the order will be placed on lower of the two bids (RA closing price & envelope sealed price) thus obtained. The bidder having submitted this offer specifically agrees to this condition and undertakes to execute the contract on thus awarded rates.

If it is found that L 1 bidder has quoted higher in online seal bid in comparison to envelope sealed bid for any item(s), the bidder will be issued a warning letter to this effect. However, if the same bidder again defaults on this count in any subsequent tender in the unit, it will be considered as fraud and will invite action by BHEL as per extant guidelines for suspension of business dealings with suppliers/ contractors (as available on www.bhel.com).

In case BHEL decides to go for reverse auction, the H1 bidder (whose quote is highest in online sealed bid)

may not be allowed to participate in further RA process.

- 19.0 On submission of offer, further consideration will be subject to compliance to tender & qualifying requirement and customer's acceptance, as applicable.
- 20.0 In case the bidder is an "Indian Agent of Foreign Principals", 'Agency agreement has to be submitted along with Bid, detailing the role of the agent along with the terms of payment for agency commission in INR, along with supporting documents.
- 21.0 The bidders shall not enter into any undisclosed M.O.U. or any understanding amongst themselves with respect to tender.
- 22.0 Consortium Bidding (or Technical Tie up) shall be allowed only if specified in Pre Qualifying Requirement (PQR) criteria, and in such a case the details to be complied with is enclosed herewith as per Annexure-5 UNLESS SPECIFIED OTHERWISE IN PQR.
- 23.0 The bidder shall submit documents in support of possession of 'Qualifying Requirements' duly self certified and stamped/ digitally signed (as applicable) by the authorized signatory, indexed and properly linked in the format for PQR. In case BHEL requires any other documents/proofs, these shall be submitted immediately.
- 24.0 The bidder may have to produce original document for verification if so decided by BHEL.
- 25.0 The offers of the bidders who are on the banned list as also the offer of the bidders, who engage the services of the banned firms, shall be rejected. The list of banned firms is available on BHEL Website (www.bhel.com).
- 26.0 It may please be noted that Guidelines/Rules in respect of Suspension of business dealings (Hold- 6 to 12 Months/ Delisting 2 years / Banning 3 years etc), Vendor Evaluation formats, quality, safety and HSE guidelines, standard T&P hire charges of BHEL etc may undergo change from time to time and the latest one shall be followed. Latest "Guidelines for Vendor Evaluation" is web based, quality, safety & HSE"; standard T&P hire charges shall be available at site and shall be given to the successful vendors/subcontractors during execution.
- MSE suppliers can avail the intended benefits only if they submit along with the offer, attested copies of either EM II certificate having deemed validity (five years from the date of issue of acknowledgement in EM II) or valid NSIC certificate or valid Udyog Aadhar Memorandum & acknowledgement or EM II certificate along with attested copy of a CA certificate (Format enclosed at Annexure C where deemed validity of EM II certificate of five years has expired) applicable for the relevant financial year (latest audited). Date to be reckoned for determining the deemed validity will be the date of bid opening (Part 1 in case of two part bid). Non submission of such documents will lead to consideration of their bid at par with other bidders. No benefit shall be applicable for this enquiry if any deficiency in the above required documents are not submitted before price bid opening. If the tender .is to be submitted through a-procurement portal, then the above required documents are to be uploaded on the portal. Documents should be notarized or attested by a Gazetted officer.
- 28.0 The bidder along with its associates/collaborators/sub-contractors/sub-vendors/consultants/service providers shall strictly adhere to BHEL Fraud Prevention Policy displayed on BHEL website www.bhel.com and shall immediately bring to the notice of BHEL Management about any fraud or suspected fraud as soon as it comes to their notice.
- 29.0 Annexure-A -Amendment to GCC/SCC shall be read in conjunction with GCC-Volume-IB & SCC-Volume-ID. This Annexure-A (Amendment to GCC/SCC) of NIT shall not be considered as part of the NIT but addendum/corrigendum to the GCC/SCC only.
- 30.0 Annexure-B Terms & conditions of Reverse Auction is enclosed herewith.
- 31.0 Duly filled & signed Annexure- CPP/I to be submitted by bidders along with their techno-commercial offer.

32.0 Integrity Pact (IP) -

(a) IP is a tool to ensure that activities and transactions between the Company and its Bidders/ Contractors are handled in a fair, transparent and corruption free manner. A panel of Independent External Monitors (IEMs) have been appointed to oversee implementation of IP in BHEL.

The IP as enclosed with the tender is to be submitted (duly signed by authorized signatory who signs in the offer) along with techno-commercial bid. Only those bidders who have entered into such an IP with BHEL would be competent to participate in the bidding. In other words, entering into this Pact would be a preliminary qualification.

Details of IEM for this tender is furnished below:



(b) Please refer Section-8 of the IP for Role and Responsibilities of IEMs. In case of any complaint arising out of the tendering process, the matter may be referred to the IEM mentioned in the tender.

Note:

No routine correspondence shall be addressed to the IEM (phone/ post/ email) regarding the clarifications, time extensions or any other administrative queries, etc. on the tender issued. All such clarification/ issues shall be addressed directly to the tender issuing (procurement) department.

For all clarifications/ issues related to the tender, Please contact:

Name: ANUPRIYA MUNDU
Deptt: SCT Dept, BHEL PSER

Address: DJ-9/1, Sector – II, Salt Lake, Kolkata – 700 091

Phone: 033-2339 8236

Email: anupriya@bhelpser.co.in; soma@bhelpser.co.in

Fax: 033-2321 1960

33.0 Order of Precedence

In the event of any ambiguity or conflict between the Tender Documents, the order of precedence shall be in the order below:

- a. Amendments/Clarifications/Corrigenda/Errata etc issued in respect of the tender documents by BHEL
- b. Notice Inviting Tender (NIT)
- c. Price Bid-Volume-III
- d. Technical Conditions of Contract (TCC) -- Volume-IF
- e. Special Conditions of Contract (SCC) -Volume-ID
- f. General Conditions of Contract (GCC) —Volume-IB
- g. Forms and Procedures —Volume-IE

for BHARAT HEAVY ELECTRICALS LTD

SR. ENGINEER (SCT)

Agency	Contact det	Contact details				
BHEL, PSER,	Address	ddress DJ-9/1, Sector – II, Salt Lake, Kolkata – 700 091				
Kolkata	Phone no	033-2339 8236 (D)/ 8228.				
	FAX no	033-23211960				
	E-mail	anupriya@bhelpser.co.in / soma@bhelpser.co.in				

Enclosure

- 01. Annexure-1: Pre Qualification Criteria.
- 02. Annexure-2: Format for No deviation Certificate.
- 03. Annexure-3: Format for seeking clarification.
- 04. Annexure-4: Check List.
- 05. Annexure-5: Conditions for consortium/tie up.
- 06. Annexure -A- Amendment to GCC/SCC.
- 07. Annexure -B- Terms & conditions of Reverse Auction.
- 08. Annexure -C- CA certificate Format.
- 09. Annexure- CPP/I.
- 10. Other Tender documents as per this NIT.

PRE QUALIFICATION CRITERIA

JOB	HANDING & RECEIPT OF MATERIALS FROM TSL MATERIAL STORES/WORKS, TRANSPORTATION
	TO ERECTION SITE, UNLOADING, PRE-ASSEMBLY AS REQUIRED, ERECTION, ALIGNMENT,
	WELDING, PRE-COMMISSIOING, COMMISSIOING, FINAL PAINTING AND HANDING OVER TO
	BHEL/OWNER 1X40MW STG SET WITH ASSOCIATED ELECTRICAL AND C&I WORKS OF 1X40MW
	CAPTIVE POWER PLANT FOR CDQ-10&11 AT TSL, JAMSHEDPUR, DIST-SINGBHUM (EAST),
	JHARKHAND.
TENDER NO	PSER:SCT:TSL-T1811:17.

SL.	PRE-QUALIFICATION CRITERIA	
NO	DIDDED OLIOUID HAVE AVEDAGE ANNUAL TUDNOVED OF MINIMUM D. 405 04 LAGO BUDING THE	
1.0 (a)	BIDDER SHOULD HAVE AVERAGE ANNUAL TURNOVER OF MINIMUM Rs.125.81 LACS DURING THE LAST 3 (THREE) FINANCIAL YEARS, ENDING ON 31-03-2016 & SHOULD HAVE POSITIVE NET WORTH AS ON LATEST AUDITED ACCOUNTS AS SUBMITTED FOR PARA 1(c).	
(b)	BIDDER MUST HAVE EARNED PROFIT IN ANY ONE OF THE LAST THREE FINANCIAL YEARS ENDING ON 31-03-2016. AUDITED BALANCE SHEET AND PROFIT & LOSS ACCOUNT OF THE COMPANY FOR LAST 3 (THREE) FINANCIAL YEARS, ENDING ON 31-03-2016 NEED TO BE SUBMITTED IN SUPPORT OF ABOVE.	
(c)	IN CASE AUDITED BALANCE SHEET AND PROFIT & LOSS ACCOUNT HAS NOT BEEN SUBMITTED FOR ALL THE 3 (THREE) YEARS INDICATED ABOVE, THEN THE APPLICABLE FINANCIAL AUDITED STATEMENTS SUBMITTED BY THE BIDDER AGAINST THE REQUISITE 3 (THREE) YEARS, WILL BE AVERAGED FOR 3 (THREE) YEARS.	
(d)	IF FINANCIAL STATEMENTS ARE NOT REQUIRED TO BE AUDITED STATUTORILY, THEN INSTEAD OF AUDITED FINANCIAL STATEMENTS, FINANCIAL STATEMENTS ARE REQUIRED TO BE CERTIFIED BY THE CHARTERED ACCOUNTANT.	
2.0	BIDDER SHOULD HAVE EXECUTED FOLLOWING STG JOB (ERECTION & COMMISSIONONG JOB) DURING LAST 7 YEARS, ENDING ON LATEST DUE DATE OF SUBMISSION OF OFFER.	
	DELEVANT CURRORTING DOCUMENT CHALL BE CURMITTED	
	RELEVANT SUPPORTING DOCUMENT SHALL BE SUBMITTED. 2.1 ONE STG/GTG JOB OF ≥20 MW.	
	OR	
	2.2 ONE BOILER OF ONE UNIT OF ≥100 MW, UNDER DIRECT ORDER OF BHEL NECESSARILY CONSISTING OF ROTATING MACHINES.	
	OR	
	2.3 ONE R&M JOB OF STEAM TURBINES OF ≥100 MW.	
	OR	
	2.4 THREE NUMBER CAPITAL OVERHAULING WORKS OF STG, EACH OF ≥250 MW AGAINST BHEL'S DIRECT ORDERS.	
3.0	BIDDER SHOULD HAVE EXECUTED FOLLOWING ELECTRICAL JOB (ERECTION & COMMISSIONONG	
	JOB) DURING LAST 7 YEARS, ENDING ON LATEST DUE DATE OF SUBMISSION OF OFFER.	
	RELEVANT SUPPORTING DOCUMENT SHALL BE SUBMITTED.	
	3.1 POWER TRANSFORMERS AT LEAST 50MVA RATING.	
	3.2 HT BUSDUCTS.	
	3.3 HT SWITCHGEARS	
	3.4 HT CABLING (MINIMUM 3.3 KV)	
4.0	BIDDER SHOULD HAVE EXECUTED FOLLOWING C&I JOB (ERECTION & COMMISSIONONG JOB)	
	DURING LAST 7 YEARS, ENDING ON LATEST DUE DATE OF SUBMISSION OF OFFER.	
	RELEVANT SUPPORTING DOCUMENT SHALL BE SUBMITTED.	

	4.1	EXECUTED "C&I WORKS.FOR BTG/GT" IN ONE UNIT OF ≥30MW.
	OR	
	4.2	"C&I WORKS CONSISTING OF DCS/DDC/STATION C&I" IN ONE UNIT OF ≥30MW.
	OR	
	4.3	EXECUTION OF ONE CONTRACT OF C&I WORKS CONSISTING OF DCS/DDC/STATION C&I IN
		ANY INDUSTRY WITH ITS EXECUTED VALUE ≥RS.60 LAKHS.
5.0	BIDD	ER SHOULD HAVE VALID PAN.
	RELE	EVANT DOCUMENT IN SUPPORT OF ABOVE SHALL BE SUBMITTED.

NOTE: (BIDDER SHALL SPECIFICALLY NOTE FOLLOWING POINTS & COMPLYWITH WHILE SUBMITTING TENDER)

NOTE:	: (BIDDER SHALL SPECIFICALLY NOTE FOLLOWING POINTS & COMPLYWITH WHILE SUBMITTING TENDER)
Α	CONSORTIUM / JV BIDDING IS ALLOWED.
A1	MAXIMUM NO. OF BIDDERS INCLUDING THE PRIME BIDDER SHALL BE THREE.
A2	THE PRIME BIDDER SHALL COMPLY AT LEAST CRITERIA AT SL. NO. 1.0 AND 2.0.
A3	EITHER PRIME BIDDER OR CONSORTIUM PARTNERS SHALL COMPLY WITH BALANCE CRITERIA AT SL.
	NO. 3.0 AND 4.0 IN ANY COMBINATION.
A4	THE PRIME BIDDER AND THE CONSORTIUM PARTNERS SHALL COMPLY WITH THE CRITERIA AT SL. NO.
	5.0.
A5	THE PRIME BIDDER AND THE CONSORTIUM PARTNERS SHALL ENTER INTO CONSORTIUM
	AGREEMENT.
A6	IN CASE OF CONSORTIUM/TIE-UP BIDDING, CONSORTIUM PARTNER SHALL DEPOSIT SECURITY
	DEPOSIT OF 2% OF TOTAL CONTRACT PRICE IN ADDITION TO SECURITY DEPOSIT TO BE SUBMITTED
	BY PRIME BIDDER FOR THE TOTAL CONTRACT PRICE.
A7	IN CASE OF CONSORTIUM/TIE-UP BIDDING, PRIME BIDDER SHALL BE RESPOSABLE FOR OVERALL
	EXECUTION OF THE CONTRACT.
A8	CONSIDERATION OF OFFER WILL BE SUBJECT TO CUSTOMER'S APPROVAL OF BIDDER (IN CASE OF
	SOLE BIDDING) OR PRIME BIDDER ALONG WITH CONSORTIUM PARTNER (IN CASE OF CONSORTIUM
	BIDDING).
В	THE TERM 'EXECUTED' AT SL NO. '2.0', '3.0', '4.0' ABOVE MEANS THE BIDDER SHOULD HAVE ACHIEVED
	THE CRITERIA, SPECIFIED ABOVE EVEN IF THE CONTRACT HAS NOT BEEN COMPLETED OR CLOSED.
С	BIDDER SHALL SUBMIT ABOVE PRE-QUALIFICATION CRITERIA FORMAT, DULY FILLED-IN, SPECIFYING
	RESPECTIVE ANNEXURE NUMBER AGAINST EACH CRITERIA AND FURRNISH RELEVANT SUPPORTING
_	DOCUMENT IN THEIR OFFER.
D	AFTER SATISFACTORY FULFILLMENT OF ALL THE ABOVE CRITERIA, OFFER SHALL BE CONSIDERED
	FOR FURTHER EVALUATION AS PER NIT & ALL OTHER TERMS OF TENDER.
Е	IN CASE THE JOB IS UNDER EXECUTION, THE VALUE OF EXECUTED PORTION OF THE JOB SHALL AT
	LEAST CORRESPOND TO THE RESPECTIVE VALUES SPECIFIED ABOVE, EVEN IF THE CONTRACT HAS
_	NOT BEEN COMPLETED OR CLOSED.
F	THE BIDDER SHALL SUBMIT CONSENT LETTER FROM AN EXPERIENCED AGENCY FOR EXECUTION OF
	THE GENERATOR STATOR/TURBINE LIFTING WORK (HAVING WEIGHT OF 90T OR ABOVE). PERFORMANCE SHALL BE EVALUATED FOR PRIME BIDDER AND THE CONSORTIUM/TIE-UP PARTNER
G	
	FOR THEIR RESPECTIVE SCOPE OF WORK. AFTER EXECUTION OF WORK, THE WORK EXPERIENCE
	SHALL BE ASSIGNED TO THE PRIME BIDDER AND THE CONSORTIUM PARTNER FOR THEIR RESPECTIVE SCOPE OF WORK.
Н	IN CASE THE CONSORTIUM/TIE-UP PARTNER BACKS OUT, ANOTHER CONSORTIUM/TIE-UP PARTNER
П	MEETING THE AFORESAID PERTIENT QUALIFYING REQUIREMENTS, HAS TO BE ENGAGED BY PRIME
	BIDDER AND IF NOT, THE RESPECTIVE WORK WILL BE WITHDRAWN AND EXECUTED AT THE RISK &
	COST BASIS OF THE PRIME BIDDER.
1	IN CASE PRIME BIDDER WITHDRAWS, THE WHOLE CONTRACT SHALL BE CONSIDERED CANCELLED
'	AND SHORT CLOSED.
J	BIDDER SHOULD FURNISH INFORMATIONS REGARDING PROJECTS IN HAND, CURRENT LITIGATION,
	ORDERS REGARDING EXLUSION/ EXPULSION OR BLACK LISTING.
K	A STAND ALONE BIDDER CANNOT BE CONSORTIUM PARTNER TO A PRIME BIDDER FOR THIS TENDER.
- 11	A CIAND ALONE DIDDLA CANNOT DE CONCONTICINI ARTINLIX TO AT MINE DIDDLATOR TINO TENDER.

Explanatory Notes for the PQR (unless otherwise specified in the PQR):

- 1. Bidder to submit Audited Balance Sheet and Profit and Loss Account for the respective years as indicated along with all annexures.
- 2. In case audited Financial statements have not been submitted for all the three years as indicated, then the applicable audited statements submitted by the bidders against the requisite three years, will be averaged for three years i.e total divided by three.
- 3. NETWORTH: Shall be calculated based on the latest Audited Accounts as furnished. Net worth = Paid up share capital + Reserves. (Net worth is required to be evaluated in case of companies)
- 4. PROFIT: shall be NET profit (PAT + Non cash expenditure viz depreciation) earned during any one of the three financial years.
- 5. 'Additional' Criteria in respect of 'Technical' criteria of PQR for Civil, Electrical, CI, unless otherwise specified:
 - i) 'Similar' work means
 - a. Piling or Civil or Structure or 'Civil and Structures' or Chimney or Cooling Tower for 'CIVIL Works'.
 - b. Electrical and C&I for 'Electrical and C&I Works'.
- 6. Time period for achievement of the 'Technical' criteria of PQR will be the last 7 years ending on the 'latest date' of Bid submission
- 7. 'EXECUTED' means the Vendor should have achieved the criteria specified in the Technical criteria of PQR even if the Contract has not been completed or closed
- 8. Unless otherwise specified, for the purpose of 'Technical' criteria of PQR, the word 'EXECUTED' means:
 - "ACHIEVEMENT OF PHYSICAL QUANTITIES" as per respective PQRs in respect of Piling / Civil / Structures / Chimney.
 - b. "READINESS FOR COAL FILLING" in respect of Mill Bunker.
 - c. "CHARGING" in respect of Power Transformers / Bus Ducts / "HT/LT Switchgears" / "HT / LT Cabling".
 - d. For C&I works: "SYNCHRONISATION" in case of power project and "WORK COMPLETION of the value as defined in PQR" in case of industry.
 - e. "BOILER LIGHT UP" in respect of Boiler / CFBC / ESP.
 - f. "GAS IN" in respect of HRSG.
 - g. "STEAM BLOWING COMPLETION" in respect of Power Cycle Piping.
 - h. "HYDRAULIC TEST" of the system in respect of Pressure parts / LP Piping / CW Piping.
 - "FULL LOAD OPERATION OF THE UNIT" in respect of Insulation work.
 - j. "SYNCHRONISATION" in respect of STG / GTG.
 - k. "SPINNING" in respect of HTG.
- 9. Boiler means HRSG or WHRB or any other types of Steam Generator
- 10. Power Cycle piping means Main Steam, Hot Reheat, Cold Reheat, HP Bypass
- 11. For the purpose of evaluation of the PQR, one MW shall be considered equivalent to 3.5TPH where ever rating of HRSG/BOILER is mentioned in MW. Similarly, where ever rating of Gas Turbine is mentioned in terms of Frame size, ISO rating in terms of MW shall be considered for evaluation.
- 12. In case the experience/PO/WO certificate enclosed by bidders do not have separate break up prices for the E&C portion of Electrical and CI Works, (i.e. the certificates enclosed are for composite order for supply and erection of Electrical & CI and other works if any), then value of Erection and Commissioning for the Electrical & CI portion shall be considered as 15% of the supply & erection of Electrical & CI, unless otherwise specifically indicated in the PQR.
- 13. Scope for capital overhaul of STG shall cover Bearing Inspection work and overhauling of all cylinders of the Turbine.
- 14. In case the tendered scope is not a Pulverised Fuel Boiler, experience of Oil/Gas Fired Boilers also can be considered.
- 15. Value of work is to be updated as per the PVC formula of GCC with indices for "ALL India Avg. consumer price index for industrial workers" with base month as date of work completion as per certificate and indexed upto two months prior to the bid opening month
- 16. PROFIT shall be PBT earned during any one year of last three financial years as mentioned in PQR.
- 17. For evaluation of PQR, the credentials of the Bidder alone, and not that of the Group Company shall be considered.
- 18. "Executed" means the bidder should have achieved the criteria specified in the PQR even if the Contract has not been completed or closed.

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 D	Deviation Certificate.	
Job	Handing & Receipt of Materials from TSL Material Stores/Works, Transportation to Erection		
	Site, Unloading, Pre-Assembly as required, Erection, Alignment, Welding, Pre-Commissionng,		
	Commissioning, Final Painting and Handing Over to BHEL/Owner 1x40MW STG set with		
	associated Electrical and C&I Works of 1x40MW Captive Power Plant for CDQ-10&11 at TSL,		
	Jame	shedpur, Dist-Singbhum (East), Jharkhand.	
Ref	1.0	Tender no PSER:SCT:TSL-T1811:17.	
	2.0	BHEL's NIT, vide reference no PSER:SCT: TSL-T1811:5476, Dated 10-02-2017.	
	3.0	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/uploaded offer/documents in accordance with tender instructions with acceptance of the terms & conditions of the tender by us and as per aforesaid references.

Thanking you,

Yours faithfully,

(Signature, date & seal of authorized representative of the bidder)

FORMAT FOR SEEKING CLARIFICATION

JOB	Handing & Receipt of Materials from TSL Material Stores/Works, Transportation to Erection Site,
	Unloading, Pre-Assembly as required, Erection, Alignment, Welding, Pre-Commissioing,
	Commissioing, Final Painting and Handing Over to BHEL/Owner 1x40MW STG set with
	associated Electrical and C&I Works of 1x40MW Captive Power Plant for CDQ-10&11 at TSL,
	Jamshedpur, Dist-Singbhum (East), Jharkhand.
TENDER NO	PSER:SCT:TSL-T1811:17.

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

CHECK LIST

NOTF:- Ten	derers are requ	ired to fill in the	e following details and	d no column should	be left blank

4	NOTE Tenderers are required to fin in the	Tonowing dotaile t	and no column one did be let	Diame
1	Name and Address of the Tenderer			
2	Details about type of the Firm/Company			
3.a	Details of Contact person for this Tender	Name : Mr/Ms		
		Designation:		
		Telephone No:		
		Mobile No:		
		Email ID:		
0.1		Fax No:		
3.b	Details of alternate Contact person for this	Name : Mr/Ms		
	Tender	Designation:		
		Telephone No:		
		Mobile No:		
		Email ID:		
4	FMD DETAIL C	Fax No:	Data	
4	EMD DETAILS	DD No:	Date :	
		Bank:	Amount:	
			hichever applicable:- ONLY FOR THIS TENDER	
5	Validity of Offer		OR SIX MONTHS FROM DI	IC DATE
5	validity of Offer	TO BE VALID FO		ENCLOSED
			APPLICABILITY(BY BHEL)	BY BIDDER
				BY BIDDER
6	Whether the format for compliance with PRE	OHALIEICATION	Applicable	YES / NO
	CRITERIA (ANNEXURE-I) is understood and		Λημισανίε	I LO / NO
	supporting documents referenced in the specifie			
7	,, ,		Applicable/Net Applicable	VEC/NO
8	Audited profit and Loss Account for the last three years		Applicable/Not Applicable	YES/NO
	Copy of PAN Card	uding onnermes	Applicable/Not Applicable	YES/NO
9	Whether all pages of the Tender documents incl	uding annexures,	Applicable/Not Applicable	YES/NO
40	appendices etc are read understood and signed		A P In In /A In / A P In / A	VEONO
10	Integrity Pact		Applicable/Not Applicable	YES/NO
11	Declaration by Authorised Signatory		Applicable/Not Applicable	YES/NO
12	No Deviation Certificate	PP	Applicable/Not Applicable	YES/NO
13	Declaration confirming knowledge about Site Conditions		Applicable/Not Applicable	YES/NO
14	Declaration for relation in BHEL		Applicable/Not Applicable	YES/NO
15	Non Disclosure Certificate		Applicable/Not Applicable	YES/NO
16	Bank Account Details for E-Payment		Applicable/Not Applicable	YES/NO
17	Capacity Evaluation of Bidder for current Tender		Applicable/Not Applicable	YES/NO
18	Tie Ups/Consortium Agreement are submitted as per format		Applicable/Not Applicable	YES/NO
19	Power of Attorney for Submission of Tender/Sign	ning Contract	Applicable/Not Applicable	YES/NO
	Agreement			
20	Analysis of Unit rates		Applicable/Not Applicable	YES/NO

NOTE: STRIKE OFF 'YES' OR 'NO', AS APPLICABLE. TENDER NOT ACCOMPANIED BY THE PRESCRIBED ABOVE APPLICABLE DOCUMENTS ARE LIABLE TO BE SUMMARILY REJECTED.

DATE:

AUTHORISED SIGNATORY (With Name, Designation and Company seal)

CONDITIONS TO BE COMPLIED WITH FOR CONSORTIUM BIDDING (TECHNICAL TIE UP)

- 1 Prime Bidder and Consortium Partner or partners are required to enter into a consortium agreement with a validity period of six months initially. In case the consortium is awarded the contract, then the Consortium Agreement between the Prime Bidder and Consortium Partner or partners shall be extended till contractual completion period including extension periods if any applicable.
- Standalone' bidder cannot become a 'Prime Bidder' or a 'Consortium bidder' or 'Technical Tie up bidder' in a consortium (or Technical Tie up) bidding. Prime bidder shall neither be a consortium partner to other prime bidder nor take any other consortium partners. However, consortium partner may enter into consortium agreement with other prime bidders. In case of non compliance, consortium bids of such Prime bidders will be rejected.
- Number of partners for a consortium Bidding (or Technical Tie up) shall be as specified in the PQR.
- 4 Prime Bidder shall be as specified in the Pre Qualification Requirement, else the bidder who has the major share of work.
- In order to be qualified for the tender, Prime Bidder and Consortium partner or partners shall satisfy (i) the Technical 'Pre Qualifying Requirements' specified for the respective package, (ii) "Assessment of Capacity of Bidder' as specified in clause 8.0
- 6 Prime Bidder shall comply with additional 'Technical' criteria of PQR as defined in 'Explanatory Notes for the PQR'
- 7 Prime Bidder shall comply with all other Pre Qualifying criteria for the Tender unless otherwise specified
- In case customer approval is required, then Prime Bidder and Consortium Partner or partners shall have to be individually approved by Customer for being considered for the tender.
- 9 Prime Bidder shall be responsible for the overall execution of the contract
- 10 In case of award of job, Performance shall be evaluated for Prime Bidder and Consortium Partner or partners for their respective scope of work(s) as per prescribed formats
- 11 In case the Consortium partner or partners back out, their SDs shall be encashed by BHEL. In such a case, other consortium partner or partners meeting the PQR have to be engaged by the Prime Bidder, and if not, the respective work will be withdrawn and executed on risk and cost basis of the Prime Bidder. The new consortium partner or partners shall submit fresh SDs as applicable.
- 12 In case the prime Bidder withdraws, the whole contract shall be considered cancelled and short closed.
- After execution of work, the work experience shall be assigned to the Prime Bidder and the consortium partner or partners for their respective scope of work. After successful execution of two similar works with the same consortium partner or partners under direct orders of BHEL, the Prime Bidder shall be eligible for becoming a 'stand alone' bidder for similar works, subject to certification from BHEL about the active involvement of the Prime Bidder for satisfactory execution of the works.
- 14 The consortium partner shall submit SD equivalent to 2% of the total contract value in addition to the SD to be submitted by the prime Bidder for the total contract value. In case there are two consortium partners, then each partner shall submit SD equivalent to 1% of the total contract value in addition to the SD to be submitted by the prime Bidder for the total contract value.
- In case of a Technical Tie up, all the clauses applicable for the Consortium partner shall be applicable for the Technical Tie up partner also.

Annexure - A

Amendment to GCC/SCC

1. Introduction of Clause No 1.15.13 in GCC as below:

<u>Clause No 1.15.13</u>: Additional security deposit (SD) has to be submitted by the successful bidder with value as follows:

"If the final price of successful bidder is lesser by 'more than 20%' of BHEL's estimate - 'Additional Security Deposit' will be required to be submitted by the successful bidder with value as follows:

Additional Security Deposit = 30 % of (A-B) limited to a maximum of 10% of the 'Total Price/Contract Value', where,

A = 80% of BHEL estimate

B = The final offered price of successful bidder through RA (In case of RA)

OR

Sealed paper price bid of successful bidder (in case of paper bid)

This 'Additional Security Deposit' shall have the same validity as that of the 'Security Deposit' and shall be revalidated/released in the manner as spelt out for the 'Security Deposit' as per relevant clause of GCC.

The BHEL's estimated value shall be disclosed to the successful bidder (on their request) at appropriate juncture in case 'Additional Security Deposit' is applicable."

2. Clause no. 1.9.1(ii) of GCC shall be read as below:

The EMD may be accepted only in the following forms:

- (a) Cash deposit as permissible under the extant Income Tax Act (before tender opening)
- (b) Electronic Fund Transfer credited in BHEL account (before tender opening)
- (c) Banker's cheque/ Pay order/ Demand draft, in favour of BHEL (along with offer)

In case total EMD amount is more than Rs. 20 Lakh, the amount in excess of Rs. 20 lakh may be accepted in the form of Bank Guarantee from scheduled bank. The Bank Guarantee in such cases shall be valid for atleast six months. EMD of successful tenderer will be retained as part of Security Deposit.

Clause no. 1.9.1(iv) & (v) of GCC stands deleted.

3. Clause no. 1.10.1 of GCC shall be read as below:

The total amount of Security Deposit will be 5% of the contract value. EMD of the successful tenderer shall be converted and adjusted towards the required amount of Security Deposit.

4. Clause no. 1.10.2 of GCC shall be read as below:

At least 50% of the required Security Deposit, including the EMD, should be furnished before start of the work. Balance of the Security Deposit can be deposited by deducting 10% of the gross amount progressively from each of the running bills of the Contractor till the total amount of the required Security Deposit is collected.

The recoveries made from running bills (cash deduction towards balance SD amount)can be released against submission of equivalent Bank Guarantee in acceptable form,but only once, before completion of work, with the approval of competent authorities.

5. Clause no. 1.10.3 of GCC shall be read as below:

The balance amount to make up the required Security Deposit of 5% of the contract value may be accepted in the following forms:

- a) Cash (as permissible under the extant Income Tax Act)
- b) Local cheques of Scheduled Banks (subject to realization)/ Pay Order/ Demand Draft/ Electronic Fund Transfer in favour of BHEL
- c) Bank Guarantee from Scheduled Banks/ Public Financial Institutions as defined in the Companies Act. The Bank Guarantee format should have the approval of BHEL
- d) Fixed Deposit Receipt issued by Scheduled Banks/ Public Financial Institutions as defined in the Companies Act (FDR should be in the name of the Contractor, a/c BHEL)
- e) Securities available from Indian Post offices such as National Savings Certificates, Kisan Vikas Patras etc. (held in the name of Contractor furnishing the security and duly endorsed/ hypothecated/ pledged, as applicable, in favour of BHEL)

(Note: BHEL will not be liable or responsible in any manner for the collection of interest or renewal of the documents or in any other matter connected therewith)

6. Clause no. 1.11 of GCC shall be read as below:

Security Deposit shall be refunded/Bank Guarantee(s) released to the Contractor along with the 'Final Bill' after deducting all expenses / other amounts due to BHEL under the contract / other contracts entered into with them by BHEL upon fulfilment of contractual obligations as per terms of the contract.

7. Clause no. 2.8.3, 2.8.4 and 2.8.5 of GCC shall be read as below:

- Clause no. 2.8.3:

 The contractor shall comply with all applicable State and Central Laws, Statutory Rules, Regulations, Notifications, etc. such as Payment of Wages Act, Minimum Wages Act, Workmen Compensation Act, Employer's Liability Act, Industrial Disputes Act, Employers Provident Act, Employees State Insurance Scheme, Contract Labour (Regulation and Abolition) Act, 1970, Payment of Bonus & Gratuity Act, Building and Other Construction Workers (Regulation of Employment and Conditions of Service) Act, 1996, The Building and Other Construction Workers' Welfare Cess Act, 1996 and other Acts, Rules, and Regulations for labour/workers as applicable and as may be enacted by the State Government and Central Govt. during the tenure of the Contract and having force or jurisdiction at Site. The Contractor shall also comply with provisions of and give all such notices to the local Governing Body, Police and other relevant Authorities as may be required by the Law.
- <u>Clause no. 2.8.4:</u> The Contractor shall obtain independent License under the Contract Labour (Regulations and Abolition) Act, 1970 for engaging contract labour as required from the concerned Authorities based on the certificate (Form- V) issued by the Principal Employer/Customer.
- <u>Clause no. 2.8.5:</u> The contractor shall pay and bear all taxes, fees, license charges, Cess, duties, deposits, tolls, royalties, commission or other charges which may be leviable on account of his operations in executing the contract.

8. Clause 2.12 of GCC (Overrun Compensation)

a) Existing Clause 2.12.2 of GCC stands revised as follows:

"Rates shall be increased by 5% for the first twelve months of one or more extensions beyond original contract period. For the next twelve months of further extensions if any, rates shall be increased as above by 5% over the previous twelve months, and similarly for each subsequent twelve months extension"

b) Existing Clause 2.12.3 of GCC stands revised as follows:

"The amount of increase payable per month due to rate revisions is subject to a minimum of Rs 1,00,000/- per month and a maximum of Rs 5,00,000/-per month".

- 9. Clause 2.14 of GCC (Quantity Variation)
 - a) Existing Clause 2.14.1 of GCC stands revised as follows:

"The quantities given in the contract are tentative and may change to any extent (both in plus side and minus side). The quoted rates for individual items shall remain firm irrespective of any variations in the individual quantities No compensation becomes payable in case the variation of the final executed contract value is within the limit of Minus (-) 15% of awarded contract value"

b) Existing Clause 2.14.2 ii). of GCC stands revised as follows:

"In case the finally executed contract value increases above the awarded Contract Value due to quantity variation, there will be no upward revision in the rates for the individual items and also contractor is not eligible for any compensation."

- 10. Clause 2.17 of GCC (Price Variation Compensation) stands revised as follows:
 - a) Current clause no 2.17.3 shall be re-numbered as 2.17.2
 - b) Current clause no 2.17.2 "85% component of Contract Value shall be permitted to be adjusted for variation in various relevant indices during execution of work. The remaining 15% shall be treated as fixed component"

shall be re-numbered as 2.17.3 and shall be replaced by following:

"In case 'Category' is not covered in table under the clause 2.17.2 then, 85% component of Contract Value shall be permitted to be adjusted for variation in various relevant indices during execution of work. The remaining 15% shall be treated as fixed component"

11. Clause 2.2 of GCC (Law governing the contract and court jurisdiction) stands revised as follows:

"The contract shall be governed by the Law for the time being in force in the Republic of India. Subject to Clause 2.21.1 or 2.21.2 of this Contract, the Civil Court having original Civil Jurisdiction at Delhi for PSNR, at Kolkata for PSER, at Nagpur for PSWR and at Chennai for PSSR, shall alone have exclusive jurisdiction in regard to all matters in respect of the Contract."

12. Clause 2.21 of GCC (Arbitration clause)

Clause 2.21 of GCC is re-titled as "ARBITRATION" and shall be replaced by following:

2.21 ARBITRATION

- 2.21.1 If any dispute or differences of any kind whatsoever shall arise between BHEL and the contractor, arising out of the contract for the performance of the work whether during the progress of termination, abandonment or breach of the contract, it shall in the first place be referred to and settled by the Designated Engineer (nominated by BHEL for settlement of the disputes arising out of this contract) who within a reasonable period after being requested shall give written notice of his decision to the contractor. Save as hereinafter provided, such decision in respect of every matter so referred shall forthwith be given effect to by the contractor who shall proceed with the work with all due diligence, whether he or BHEL required arbitration as hereinafter provided or not.
- 2.21.2 If after the Designated Engineer has given written notice of this decision to the party, no claim to arbitration has been communicated to him by the party within 30 days from the receipt of such notice, the said decision shall become final and binding on the parties. In the event the contractor being

dissatisfied with any such decision or if amicable settlement can not be reached then all such disputed issues shall be referred to the sole arbitration of the person appointed by BHEL.

2.21.3 Except as provided elsewhere in this Contract, in case amicable settlement is not reached between the Parties, in respect of any dispute or difference; arising out of the formation, breach, termination, validity or execution of the Contract; or, the respective rights and liabilities of the Parties; or, in relation to interpretation of any provision of the Contract; or, in any manner touching upon the Contract, then, either Party may, by a notice in writing to the other Party refer such dispute or difference to the sole arbitration of an arbitrator appointed by Head of the BHEL Power Sector Region issuing the Contract. It shall not be open to the Contractor to object to such arbitrator only on the ground that such arbitrator is an employee/ex-employee of BHEL or has dealt with or has expressed any opinion on any issue touching upon the Contract.

The Arbitrator shall pass a reasoned award and the award of the Arbitrator shall be final and binding upon the Parties.

Subject as aforesaid, the provisions of Arbitration and Conciliation Act 1996 (India) or statutory modifications or re-enactments thereof and the rules made thereunder and for the time being in force shall apply to the arbitration proceedings under this clause. The seat of arbitration shall be Kolkata (the place from where the contract is issued)

2.21.4 In case of Contract with Public Sector Enterprise (PSE) or a Government Department, the following shall be applicable:

In the event of any dispute or difference relating to the interpretation and application of the provisions of the Contract, such dispute or difference shall be referred by either Party for arbitration to the sole arbitrator in the Department of Public Enterprises to be nominated by the Secretary to the Government of India in-charge of the Department of Public Enterprises. The Arbitration and Conciliation Act, 1996 shall not be applicable to arbitration under this clause. The award of the arbitrator shall be binding upon the Parties to the dispute, provided, however, any Party aggrieved by such award may make further reference for setting aside or revision of the award to the Law Secretary, Department of Legal Affairs, Ministry of Law and Justice, Government of India. Upon such reference the dispute shall be decided by the Law Secretary or the Special Secretary or Additional Secretary when so authorized by the Law Secretary, whose decision shall bind the Parties hereto finally and conclusively.

- 2.21.5 The cost of arbitration shall be borne equally by the Parties.
- 2.21.6 Notwithstanding the existence or any dispute or differences and/or reference for the arbitration, the Contractor shall proceed with and continue without hindrance the performance of its obligations under this Contract with due diligence and expedition in a professional manner.
- 13. Clause 2.24 of GCC (Performance Guarantee for Workmanship)

Term "Special Conditions of Contract" appearing in 3rdline of the current clause 2.24.1,is replaced by "Technical Conditions of Contract"

14. Clause 4.2.1.7 of Special Condition of Contract (SCC)

At the end of Clause 4.2.1.7 (i.e. after the line "Decision of BHEL shall be final and binding on the contractor") following para is to be added

"It is not obligatory on the part of BHEL to provide any tools and tackles or other materials other than those specifically agreed to do so by BHEL. However, depending upon the availability, BHEL /BHEL's Customer handling equipment and other plants may be made available to the contractor on payment of hire charges as fixed, subject to the conditions laid down by BHEL/Customer from time to time. Unless paid in advance, such

hire charges, if applicable, shall be recovered from contractor's bill / security deposit or any other due payment in one installment."

15. Clause 9.61 of SCC (NON-COMPLIANCE)

Under NON-COMPLIANCE, at the end of Clause 9.61 (i.e. after the line "Also the amount will be spent for purchasing the safety appliances and supporting the safety activity at site.") following para is to be added:

"In case of any financial deduction made by Customer for lapses of safety other than what is provided above or elsewhere in the contract, the same shall be charged on back-to-back basis on the defaulting contractor without prejudice to any other right spelt anywhere in the tender / contract"

16. Clause 9.1 & 9.2 to 9.62 of SCC (HSE & OHSAS Obligations)

Cl. no. 9.0	No change
Cl. no. 9.1	HSE (Health, safety & Environment):
	Contractor will comply with HSE (Health, safety & Environment) requirements of BHEL
	as per "HSE Plan for Site Operations by Sub-contractors" (Document no. HSEP:14,
	Rev.00) attached with this tender.
Cl. no. 9.2 to 9.62	Deleted

Terms & Conditions of Reverse Auction

Against this enquiry for the subject item/ system with detailed scope of supply/service as per tender specifications, BHEL may resort to "REVERSE AUCTION PROCEDURE" i.e., ON LINE BIDDING (THROUGH A SERVICE PROVIDER). The philosophy followed for reverse auction shall be English Reverse (No ties).

- 1. For the proposed reverse auction, technically and commercially acceptable bidders only shall be eligible to participate.
- 2. Those bidders who have given their acceptance for Reverse Auction (quoted against this tender enquiry) will have to necessarily submit "online sealed bid" in the Reverse Auction. Non-submission of "online sealed bid" by the bidder for any of the eligible items for which techno- commercially qualified, will be considered as tampering of the tender process and will invite action by BHEL as per extant guidelines in vogue.
- 3. BHEL will engage the services of a service provider who will provide all necessary training and assistance before commencement of on line bidding on internet.
- 4. In case of reverse auction, BHEL will inform the bidders the details of Service Provider to enable them to contact & get trained for participation in the reverse auction.
- 5. Business rules like event date, time, bid decrement, extension etc. also will be communicated through service provider for compliance.
- Bidders have to fax the Compliance form (annexure III) before start of Reverse auction. Without this, the bidder will not be eligible to participate in the event.
- 7. In line with the NIT terms, BHEL will provide the calculation sheet (e.g., EXCEL sheet) which will help to arrive at "Total Cost to BHEL" which is inclusive of all cost elements in line with terms & conditions of the tender for each of the bidder to enable them to fill-in the price and keep it ready for keying in during the Auction.
- 8. Reverse auction will be conducted on scheduled date & time.
- 9. At the end of Reverse Auction event, the lowest bidder value will be known on auction portal.
- 10. The lowest bidder has to fax/e-mail the duly signed and filled-in prescribed format for price breakup including that of line items, if required, (Annexure IV) as provided on case-to-case basis to Service provider within two working days of Auction without fail.
- 11. In case BHEL decides not to go for Reverse Auction procedure for this tender enquiry, the Price bids and price impacts, if any, already submitted and available with BHEL shall be opened as per BHEL's standard practice.
- 12. Bidders shall be required to read the "Terms and Conditions" section of the auctions site of Service provider, using the Login IDs and passwords given to them by the service provider before reverse auction event. Bidders should acquaint themselves of the "Business Rules of Reverse Auction", which will be communicated before the Reverse Auction.
- 13. If the Bidder or any of his representatives are found to be involved in Price manipulation/ cartel formation of any kind, directly or indirectly by communicating with other bidders, action *as per extant BHEL guidelines*, shall be initiated by BHEL and the results of the RA scrapped/ aborted.
- 14. The Bidder shall not divulge either his Bids or any other exclusive details of BHEL to any other party.
- 15. In case BHEL decides to go for reverse auction, the H1 bidder(s) (whose quote is highest in online sealed bid) will not be allowed to participate in further RA process, provided minimum four bidders have submitted online sealed bids. Wherever more than one bidder is H1, all H1 bidders will not be allowed to participate in further RA, provided minimum 3 bidders are left after removal of all such H1 bidders.

Annexure -C

Certificate by Chartered Accountant on letter head

This is to to Certify that M/S,
(hereinafter referred to as 'company') having its registered office at is registered under MSMED Act 2006, (Entrepreneur
Memorandum No (Part-II)
Further verified from the Books of Accounts that the investment of the company as per the latest audited financial year as per MSMED Act 2006 is as follows:
 For Manufacturing Enterprises: Investment in plant and machinery (i.e. original cost excluding land and building and the items specified by the Ministry of Small Scale Industries vide its notification No.S.0.1722(E) dated October 5, 2006: RsLacs
 For Service Enterprises: Investment in equipment (original cost excluding land and building and furniture, fittings and other items not direCtly related to the service rendered or as may be notified under the MSMED Act, 2006: RsLacs
(Strike off whichever is not applicable)
The above investment of RsLacs is within permissible limit of RsLacs forMicro / Small (Strike off which is not applicable) Category under MSMED Act 2006.
Or
The company has been graduated from its original category (Micro/ Small) (Strike off which is not applicable) and the date of graduation of such enterprise from its original category is
Date:
Signature)
Name-
Membership number-
Seal of Chartered Accountant

Annexure- CPP/I

Please arrange to submit this filled-up format along with Tender Name of the Company Address of Company* Company Registration Number* Name of Partners / Directors Bidder Type: Indian/ Foreign* City* State* Country* Postal Code* PAN/TAN Number* Company's Establishment Year Company's Nature of Business* Company's Legal Status* {limited company/undertaking/jointventure/partnership/other} Company Category* {micro unit as per MSME/small unit as per MSME/medium unit as per MSME/Ancillary unit/project affected person of this company/ssi/ other} **Enter Company's Contact Person Details** Title(Mr. / Mrs. / Ms. / Dr. / Shri)* Contact Name* Date Of Birth* Correspondence Email* (Correspondence Email ID can be same as your Login ID. All the mail correspondence will be sent only to the Correspondence Email ID.) Designation Phone* Fax* Mobile*