**Tender Specification BHEL PSSR SCT 2019** - Balance works Civil, Architectural, Mechanical, Electrical, C&I and Other Allied works of including supply of material, labour, Tools & Plants etc for Package 1 (NDCT 2) & Package 2 (NDCT 1) of 2X660 MW Udangudi Super Critical Thermal Power Project.

Some of the bidders had raised queries in the published tender specification. The Clarifications issued by BHEL are furnished below: -

SI. No	Ref. clause	Existing provision	Bidder's query	BHEL's clarification
1	Price Bid (Volume-II)	Quantity figues of the BOQ items	The quantities mentioned in the tender BOQ are erroneous. Kindly furnish modifed BOQ with correct quantities.	Tender condition prevails
2	Price Schedule	BOQ Sr. no. 21.7	This item is not applicable for NDCT. Please review.	Tender condition prevails
3	Notice for Inviting Tender (NIT) Cluase 1 (vii)	EMD	Since we are willing to bid for both Package-A & Package-B, kindly confirm whether we can submit EMD as below:  a) EFT of INR 2,00,000.00  b) A single Bank Guarantee of INR 1,91,00,000.00 (total for both the packages)	Bidder request is acceptable
4	NIT Clause 19	Reverse Auction	As a company policy, Reverse Auction is not applicable to us. We, therefore, request you to kindly waive off this particular clause.	Tender condition prevails
5	TECHNICAL CONDITIONS OF CONTRACT (TCC); VOLUME-IA PART-I CHAPTER – II Clause 2.1	Scope of Work	Please confirm that all structural steel required for incorporating in NDCT e.g for Handrails, ladders, access doors, hot water pipes, etc. will be free isssued by BHEL at site (near cooling tower location).	Supply of Handrail, Ladders, hot water pipes shall be in the scope of bidder as per Price Bid BOQ item nos. A2322, A2323, 22.3. Only FRP access door is to be provided by the bidder as per price bid item no. A1850.

6	TCC; VOLUME- IA PART-I CHAPTER – II	Clause 2.3 (I) i	We propose flexible hose pipe for sludge discharge. Kindly confirm.	Bidder to consider Cl. 2.01.01 of Sub-Section IA of Specification No. : PE-TS-435-165-N011 (REV. 01) and BOQ at S.No. 26.1 for scope of Sludge pump and associated pipe & fittings. MOC of piping shall be as per S.No. 8.13 of Sub-Section ID, Datasheet-A of Specification No. : PE-TS-435-165-N011 (REV. 01). Bidder to also follow complete Technical Specification for other technical details.
7	TCC, Vol-IA, Part-II, Chapter - 1	Clause 2.7.9.1	Milestone L/D is not acceptable to us. We shall comply to the specified overall completion periods from the date of commencement of civil work and will comply to BHEL tender condition for the completion schedule on best efforts basis subject to all inputs in BHEL's scope i.e. (a) providing encumbrance free site work front, (b) issuance of construction drawings, (c) issuance of free issue materials like cement, reinforcement steel & structural steel and (d) payment are received by us in a required timely manner as per the L3 schedule submitted by us and finalized between BHEL and us during post contract award stage.  We assure you that we would deploy all necessary resources / plant &	Tender condition prevails

		equipment / manpower to meet the	
		project schedule as per tender requirement. For this, it is also important	
		that there be no disruption in availability	
		of working capital. In the interest of	
		achieving the extremely challenging	
		completion schedule required for this project, L/D for delay (if any) can be	
		assessed based on the final delay	
		analysis at the end of the job holistically	
		taking into account the delays due to	
		reasons attributable to us and also	
		BHEL for related inputs availability in time as mentioned above.	
8	Cooling Tower	 Please furnish the cooling tower shell	Drawings enclosed for reference
	Drawings	inlet diameter / diameter of shell at the	purpose only.
		bottom for the NDCTs.	
9	General	 We request BHEL to furnish all the	Approved drawings are enclosed
		construction drawings of NDCT for our	for reference purpose only.
		ready reference and planning.	Balance drawings of NDCT shall be furnished at site progressively
			during construction.

10	General		Please confirm whether any existing machineries / construction equipments (like tower cranes, etc.) already deployed at site by the existing / original contractor are usable or can be issued by the contractor for balance works for the subject project. If so, please furnish the list of such facilities which can be handed over to the successful bidder by BHEL.	No T&Ps shall be provided from BHEL to the bidder. Bidder to visit site for further details about actual site conditions.		
11	General		Kindly provide the approved concrete mix design for our ready reference.	The approximate design mix proportions are as mentioned below, M35 - C:FA:CA 20mm: CA 12.5mm = 1:1.80:1.69:1.12 , admixture 1.76kg W/C ratio - 0.45		
12	General		Please furnish approved vendor list for electrical and C&I items, applicable within our scope.	No such approved vendor list is available. Bidder to obtain approval from BHEL before supply.		
13	General	CONTROL & INSTRUMENTATION FOR SUMP PUMP SYSTEM	Instruments required for performance guarantee testing of the cooling tower(s) will remain the property of the testing team of the contractor and will be taken back by the contractor after the test. Please confirm.	Noted for Testing Instruments only.		

14	General	 Demobilization of any equipment, machinery, materials used by the original / existing contractor should be in scope of BHEL as and where required. Kindly confirm.	Any equipment, machinery, materials used by the existing contractor, will be cleared from the construction site by BHEL.
15	General	 Please note that due payments for construction equipment / bought out Items of the original / existing contractor have to be taken care of by BHEL. Please confirm.	Noted.

All other conditions of the tender specification remain unchanged. Bidders are requested to consider this corrigendum as part of tender specification and quote accordingly.

> -Sd-Shailendra Kumar Senior Engineer / Subcontracts





