



BHARAT HEAVY ELECTRICALS LIMITED
PROJECT ENGINEERING MANAGEMENT, NOIDA

Date-9-Jun-25

CORRIGENDUM- 03

PROJECTS	:	1 X 800 MW NTPC Sipat STPP Stage-III
PACKAGE	:	WATER TREATMENT PACKAGES
ENQUIRY NO	:	77/25/6032/SAN Dated 23.05.2025
SUBJECT	:	PRE-BID CLARIFICATIONS + OTHERS

Type of Corrigendum			
Technical Corrigendum -	☒	Commercial Corrigendum -	☒

Bidders are requested to note-

1. Clause no-37 of NIT to be read as follows

“Bidders to visit site/ work area and study the job content, facilities available, availability of materials, prevailing site conditions including law & order situation etc. before quoting for this tender. They may also consult this office before submitting their offers, for any clarifications regarding scope of work, facilities available at sites or on terms and conditions. No additional claim shall be entertained by BHEL in future, on account of non-acquaintance of above”.

Bidder must submit Declaration confirming knowledge about Site Conditions along with offer

2. Following attached form shall be the part of NIT.

S.No.	Description	Form No
i)	Declaration confirming knowledge about Site Conditions	F-06 (Rev 00)
ii)	Bank Guarantee for Interest Free Refundable Advance	F-22 (Rev 00)
iii)	RA Bill Format	F-26 (Rev 00)
iv)	Refund of Security Deposit	F-28 (Rev 00)

3. Please refer attachment for BHEL replies to Pre- Bid Queries.

All the other terms and conditions of the tender enquiry remain unchanged. All the bidders are requested to quote accordingly.

Yours faithfully,
For and on behalf of BHEL

Sanjeev Kumar
Engineer/BOP

DECLARATION CONFIRMING KNOWLEDGE ABOUT SITE CONDITIONS

(To be typed and submitted in the Letter Head of the Company/Firm of Bidder)

To,

_____ (Write Name and Designation of Officer of BHEL inviting the Tender);

Bharat Heavy Electricals Limited,
Project Engineering Management,
BHEL Sadan,
HRD & ESI Complex,
Plot No 25, Sector-16 A, Noida-201301

Sub : **Declaration confirming knowledge about Site conditions**

Ref : 1) NIT/Tender Specification No:
2) All other pertinent issues till date

I/We, _____ hereby declare and confirm that we have visited the Project Site as referred in BHEL Tender Specifications and acquired full knowledge and information about the Site conditions including Wage structure, Industrial Climate, the Law & Order and other conditions prevalent at and around the Site. We further confirm that the above information is true and correct and we shall not raise any claim of any nature due to lack of knowledge of Site conditions.

I/We, hereby offer to carry out work as detailed in above mentioned Tender Specification, in accordance with Terms & Conditions thereof.

Yours faithfully,

(Signature, Date & Seal of Authorized
Representative of the Bidder)

Date:

Place:

BANK GUARANTEE FOR INTEREST FREE REFUNDABLE ADVANCE

(To be stamped in accordance with Stamp Act of India)

Bank Guarantee No:

Date:.....

To

Bharat Heavy Electricals Limited,**Power Sector Region,****.....(Address)**

Dear Sirs,

This deed of Guarantee made this _____ day of _____ two thousand _____ by **< Name and Address of Bank >** hereinafter called the "The Guarantor" (which expression shall unless repugnant to the context or meaning thereof be deemed to include its successors and assigns) in favour of M/S Bharat Heavy Electricals Limited a Company incorporated under the Companies Act, 1956, having its registered office at BHEL House, Siri Fort, New Delhi - 110049 through its unit at Power Sector, Region,(Address)....., hereinafter called "The Company" (which expression shall unless repugnant to the context or meaning thereof be deemed to include its successors and assigns).

WHEREAS M/s. _____ (hereinafter referred to as the Contractor) have entered into a Contract arising out of Letter of Award no. _____ dtd _____ (hereinafter referred to as "the Contract") for the **< Name of work >** with the Company.

AND WHEREAS the Contract inter-alia provides that the Company will pay to the Contractor interest free advance of Rs. _____ (Rupees _____ only) on certain terms and conditions specified in the Contract subject to the Contractor furnishing a Bank Guarantee for Rs. _____ (Rupees _____ only) in favour of the Company.

AND WHEREAS the Company has agreed to accept a Bank Guarantee from a Bank to cover the said advance.

AND WHEREAS the Contractor has approached the Guarantor and in consideration of the arrangement arrived at between the Contractor and the Guarantor, the Guarantor has agreed to give the Guarantee as hereinafter mentioned in favour of the Company.

NOW THIS DEED WITNESSES AS FOLLOWS:-

- (1) In consideration of the Company having agreed to advance a sum of Rs. _____ (Rupees _____ only) to the Contractor, the Guarantor do hereby guarantee the due recovery by the Company of the said advance thereon as provided according to the terms and conditions of the Contract. If the said Contractor fails to utilize the said advance for the purpose of the Contract and /or the said advance is not fully recovered by the Company the Guarantor do hereby

BANK GUARANTEE FOR INTEREST FREE REFUNDABLE ADVANCE

(To be stamped in accordance with Stamp Act of India)

unconditionally and irrevocably undertake to pay to the Company without demur and merely on a demand, to the extent of the said sum of Rs._____ (Rupees_____ only) any claim made by the Company on them for the loss or damage caused to or suffered by the Company by reasons of the Company not being able to recover in full the advance as aforesaid.

- (2) The decision of the Company whether the Contractor has failed to utilize the said advance or any part thereof for the purpose of the Contract and / or as to the extent of loss or damage caused to or suffered by the Company by reason of the Company not being able to recover in full the said sum of Rs._____ shall be final and binding on the Guarantor, irrespective of the fact whether the Contractor admits or denies the default or questions the correctness of any demand made by the Company in any Court Tribunal or Arbitration proceedings or before any other Authority.
- (3) The Company shall have the fullest liberty without affecting in any way the liability of the Guarantor under this Guarantee, from time to time to vary any of the terms and conditions of the Contract or extend time of performance by the Contractor or to postpone for any time and from time to time any of the powers exercisable by it against the Contractor and either enforce or forebear from enforcing any of the terms and conditions governing the Contract or securities available to the Company and the Guarantor shall not be released from its liability under these presents by any exercise by the Company of the liberty with reference to the matters aforesaid or by reasons of time being given to the Contractor or any other forbearance, act or commission on the part of the Company or any indulgence by the Company to the Contractor or of any other matter or thing whatsoever which under the law relating to sureties would, but for this provision have the effect of so releasing the Guarantor from its liability under this guarantee.
- (4) The Guarantor further agrees that the Guarantee herein contained shall remain in full force and effect during the period till the Company discharges this Guarantee, subject to however, that the Company shall have no claim under this Guarantee after_____ i.e. (the present date of validity of Bank Guarantee unless the date of validity of this Bank Guarantee is further extended from time to time, as the case may be) unless a notice of the claim under this Guarantee has been served on the Guarantor before the expiry of the said period in which case the same shall be enforceable against the Guarantor notwithstanding the fact that the same is enforced after the expiry of the said period.
- (5) The Guarantor undertakes not to revoke this Guarantee during the period it is in force except with the previous consent of the Company in writing and agrees that any liquidation or winding up or insolvency or dissolution or any change in the constitution of the Contractor or the Guarantor shall not discharge the Guarantor's liability hereunder.
- (6) It shall not be necessary for the Company to proceed against the Contractor before proceeding against the Guarantor and the Guarantee herein contained shall be enforceable against them notwithstanding any security which the Company may have obtained or obtain from the Contractor shall at the time when proceedings are taken against the Guarantor hereunder be outstanding or unrealized.

BANK GUARANTEE FOR INTEREST FREE REFUNDABLE ADVANCE

(To be stamped in accordance with Stamp Act of India)

- (7) Notwithstanding anything contained herein before, our liability under the Guarantee is restricted to Rs. _____ (Rupees _____). Our guarantee shall remain in force until _____, i.e. the present date of validity of Bank Guarantee unless the date of validity of this Bank Guarantee is further extended from time to time. Unless a claim or demand under this guarantee is made against us on or before-----, we shall be discharged from our liabilities under this Guarantee thereafter.
- (8) Any claim or dispute arising under the terms of this document shall only be enforced or settled in the courts at Nagpur only.
- (9) The Guarantor hereby declares that it has power to execute this Guarantee under its Memorandum and Articles of Association and the executant has full powers to do so on its behalf under the Power of Attorney dated _____ (To be incorporated by the Bank) granted to him by the proper authorities of the Guarantor.

IN WITNESS whereof the _____ (Bank) has hereunto set and subscribed its hand the day, month and year first, above written.

(Name of the Bank)

Signed for and on behalf of the Bank

(Designation of the Authorized Person Signing the Guarantee)

(Signatory No.-----)

DATED:

SEAL

=====

Notes :

1. The BG shall be executed on non-judicial stamp papers of adequate value procured in the name of the Bank in the State where the Bank is located.
2. The BG is required to be sent by the executing Bank directly to BHEL at the address where tender is submitted / accepted, under sealed cover.

BHARAT HEAVY ELECTRICALS LIMITED
DIVISION.....
Running Account Bill
(Para 4.3.1 of Works Accounts Manual)

Name of the Contractor
Name of the Work:
Sanctioned Estimate:
Code No.:
Contract Agreement No.:

Division:
Date of written order to
commence the Work:
Date of commencement
of work:
Due date of completion as per
agreement
Date of approval of Competent Authority for time extension as applicable
(copy to be enclosed).

Dated:

Departmental Bill No.
Date:
Sub-Division:
Period of work covered in this
bill:

I. ACCOUNT OF WORK EXECUTED

Adhoc payment for work not previously measured **			Item No. of work	Description of work	Quantity as per agreement	Quantity executed upto date	Rate	Unit	Payment on the basis of actual measurement upto date	Quantity executed since last RA bill	Payment on the basis of actual measurement since last running account bill	Remarks
Total as per last running account bill	Since last running account bill	Total upto date										
1	2	3	4	5	6	7	8	9	10	11	12	13

** 1. Whenever payment is made on adhoc basis without actual measurements the amount in whole rupees should be entered in columns 1 to 3 only and not in columns 7 to 12
2. Whenever there is an entry in column 12 on the basis of actual measurement, the whole of the amount previously paid without detailed measurement should be adjusted by a minus entry in column 2 equivalent to the amount shown in column 1, so that the total upto date in column 3 may become nil.

Total value of work done upto date	(A)	-----
Deduct value of work shown on the last Running Account Bill	(B)	-----
Net value of work done since last Running Account Bill	(C)	-----

Rupees (in words) Only

Note :
Wherever adhoc payments to contractors against running bills are made in accordance with the extant Works Policy, the amount so paid shall be adjusted.

II. MEMORANDUM OF PAYMENTS

	I	II
1. Total value of work actually measured as per Account No. I, Column 10	(A) .....	.....
2. Total upto date adhoc payment for work covered by approximate or plan measurements as per Account I, Col. 3	(B) .....	.....
4. Total upto date payments [(A)+(B)]	(C) .....	.....
5. Total amount of payments already made as per entry (D) of last Running Account Bill No. dated forwarded to the Accounts Department on	(D) .....	.....
6. Balance [(C) - (D)]	.....	.....
7. Payments now to be made:		
a) by cash / cheque	.....	
b) by deduction for value of materials supplied by BHEL vide Annexure A attached	.....	
c) by deduction for hire of tools and plant vide Annexure B attached	.....	
d) by deduction for other charges vide Annexure C attached	.....	
e) by deduction on account of security deposit	.....	
f) by deduction on account of Income Tax	.....	
Note :	Amounts relating to items 4 to 6 above should be entered in column II and those relating to item 7 in column I. The amount shown against item 6 and the total of item 7 should agree with each other.	

III. CERTIFICATE OF THE ENGINEER IN CHARGE

1	The measurements on which the entries in column 7 to 12 of Part I of this Bill (Account of work executed) are based were made by (Name and Designation)
2	Certified that the methods of measurement are correct and the work has been carried out in accordance with the terms and conditions, schedules, specifications and drawings etc. forming part of the contract agreement, subject to deviations included in the deviation statement (Annexure D)
3	Certified that in addition to and quite apart from the quantities of work actually executed as shown in column 10 of Part I, some work has actually been done in connection with several items and the value of the such work is, in no case, less than the adhoc payments as per column 3 of Part I, made or proposed to be made, for the convenience of the contractor in anticipation of, and subject to the results of, detailed measurement which will be made as soon as possible.
4	Certified that measurements by Engineer-in-charge and test check of prescribed percentage of measurements by the concerned superior authorities has been carried out.
5	Certified that there are no pending recoveries from the contractor on account of chargeable items (e.g. T&P, consumables, material, etc.) issued either by BHEL or by the customer and other recoveries like power, water, quarter, tax liability towards declaration forms etc.
6	Certified that with regard to the free issues, regular reconciliation is being done, completed upto and there are no recoveries pending from the contractor on account of such issues in excess of requirement for execution of work as per contract.
7	Certified that there is no pending recovery for damaged material issued free of cost.
8	Certified that the contractor has fulfilled all the requirements as per contract with reference to statutory obligations (PF, ES, Minimum Wages, BOCW, Insurance etc.), support services such as service manpower, computer system, T&P etc

Signature of Contractor

Signature of Engineer in Charge

Designation:

Designation:

Date:

Date:

IV. CERTIFICATE OF THE SENIOR ENGINEER

1	Certified that the measurements have been check measured to the prescribed extent by at site and also by the undersigned and the relevant entries have been initialed in the Measurement Book. (vide pages)
2	Certified that all the measurements recorded in the measurement book have been correctly billed for
3	Certified that all recoverable amounts in respect of materials tools and plant etc. and other charges have been correctly made vide annexures A to C attached.

Certified for payment * of Rs. (Rupees only)

* Here specify the net amount payable.

Date:

Signature of Senior Engineer

V. ENTRIES TO BE MADE IN THE FINANCE DEPARTMENT

Accounts Bill No. dated
Entered in Journal Book vide entry No. dated
Passed for Rs.
Less Deductions Rs.
Net amount payable Rs.
(Rupees only)
Payable to Shri / M/s by cheque / cash
Entered in Contractors ledger No. Page

Code No. :

ALLOCATION

Debit
(Gross amount)

Credit
(Deductions)

Estimate No :
Name of Work :
Account code head

Total

Assistant
Date:

Accountant
Date:

Finance Executive
Date:

Statement showing details of materials issued to the contractor Shri / M/S..... in respect of Contract Agreement / Work Order No..... Dated..... and covered by the agreement

Sl No.	Stores Issue Voucher No. and date	Issue voucher No. and date allotted by stores to the SIV	Description of material issued issued to the contractor	Quantity issued		Quantity actually incorporated in the work	Balance quantity with contractor		If recoverable from the contractor					Remarks
				Free	Chargeable		Free	Chargeable	Rate at which recoverable	Amount recoverable	Amount recovered upto previous bill	Balance now recovered		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	

Certified that (balance quantity of free issue material as per Col. 8 above) is physically available with the Contractor.

Signature of Engineer in Charge
Date:

Signature of Senior Engineer
Date:

Statement showing tools and plant issued to the contractor Shri/M/s..... in respect of Contract Agreement No..... Dated.....

Sl. No.	Description of Tools and Plant issued	Period for which issued	Rate at which recovery is to be made	Amount recoverable	Amount recovered upto previous bill	Balance Recovered now	Remarks
1	2	3	4	5	6	7	8
				TOTAL			

Signature of Engineer in Charge
Date:

Signature of Senior Engineer
Date:

ANNEXURE C

Statement showing details of other recoveries to be made from the contractor Shri/M/s.....in respect of contract Agreement No.Dated

S. No.	Particulars	Unit	Quantity	Rate	Amount recoverable	Amount recovered up to previous bill	Amount now recovered	Remarks
1	2	3	4	5	6	7	8	9
1	Water charges							
2	Electricity charges							
3	Seigniorage charges							
4	Medical charges							
5	Cost of empty gunny bags and empty containers not returned							
6								
7								
8								

TOTAL

Signature of Contractor
Date :
Signature of Engineer in Charge
Date :

ANNEXURE D
DEVIATION STATEMENT

Name of the Contractor:
Name of Work:
Contract Agreement No
Date:

S. No.	Description of Item	Unit	Quantity as per agreement	Quantity as executed	Quantity further anticipated	Total quantity anticipated on completion	Rate as per agreement	Rate as executed	Amount as per agreement	Amount as executed	Amount further anticipated	Total Amount anticipated on completion	Difference	Excess	Savings	Reason for deviation with authority, if any
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	

Signature of Engineer in Charge
Date :
Signature of Senior Engineer
Date :

BHARAT HEAVY ELECTRICALS LIMITED
DIVISION.....
.....And Final Bill
(Para 4.3.2 of Works Accounts Manual)

Departmental Bill No: _____
Date: _____
Name of the Contractor: _____
Name of the Work: _____
Sanctioned Estimate: _____
Contract Agreement/ Work Order No: _____
Date of actual completion of the work: _____
Division: _____
Date of Written order to commence the work: _____
Sub-Division: _____
Date of commencement of the Work: _____
Dated: _____
Due date of completion as per Agreement: _____

I. ACCOUNT OF WORK EXECUTED

1	2	3	4	5	6	7	8	9	10	11	12	13
Adhoc payment for work not previously measured **	Since last running account bill	Total upto date	Item no. of the agreement / work order	Description of work	Quantity as per agreement	Quantity executed upto date	Rate	Unit	Payment on the basis of actual measurement upto date	Quantity since last running account bill	Payment on the basis of actual measurement since last running account bill	Remarks

** Whenever there is an entry in column 12 on the basis of actual measurement, the whole of the amount previously paid without detailed measurement should be adjusted by a minus entry in column 2 equivalent to the amount shown in column 1, so that the total upto date in column 3 may become nil.

Total value of work done upto date	(A)	-----
Deduct value of work shown on the last Running Account Bill	(B)	-----
Net value of work done since last Running Account Bill	(C)	-----
Rupees (in words)		Only

II. MEMORANDUM OF PAYMENTS

1	Total value of work actually measured as per Account No. 1 column 10	(A)	-----
2	Deduct amount of payments already made as per last running account bill No. dated	(B)	-----
3	Payment now to be made [(A) - (B)]	(C)	-----
4	Deduct amounts recoverable from the contractor on account of : a) Materials supplied by BHEL vide Annexure A attached b) Hire of tools and plant vide Annexure B attached c) Other charges vide Annexure C attached d) Income Tax		----- ----- ----- -----
	Total Deductions		-----
5	Balance		-----
6	Refunds of Security Deposit		-----
7	Net amount to be paid to the contractor		-----
	Net value Rupees (in words)		----- Only

I/ We hereby certify that I/We have performed the work as per the terms and conditions of Contract Agreement/Work Order No.....Dated.....for which payment is claimed as above and that I/We have no further claim under this agreement/work order.

Signature of the Contractor
Date:

III CERTIFICATE OF THE ENGINEER IN CHARGE

1. The measurements on which the entries in columns 7 to 11 of Part I of this bill (Account of work executed) are based were made by.....
.....are recorded at pages.....of measurement book No..... (Name and Designation)
2. A statement showing the quantities of stores issued to the contractor (whether free on recovery basis) and their disposal is attached.

Date:
Signature of Engineer incharge
Designation:

Certified for payment of * Rs..... (Rupees.....only).

Signature of Senior Engineer

Date

Account code head	Debit (Gross Amount)	Credit (Deductions)
TOTAL		

Passed for.....	Rs.....
less Deductions.....	Rs.....
Net Amount Payable.....	Rs.....
(Rupees.....only)	

Date:

ANNEXURE A
Part I

Statement showing details of materials issued to the contractor Shri / M/s.....In respect of Contract Agreement / Work Order No.....Dated..... and covered by the agreement.

Sl.No.	Stores Issue Voucher No. and date	Issue voucher No. and date allotted by stores to the SIV	Description of material issued issued to the contractor	Quantity issued	Quantity actually incorporated in the work	Whether recoverable from the contractor or supplied free	If recoverable from the Contractor				Remarks
							Rate at which recoverable	Amount recoverable	Amount recovered upto previous bill	Balance now recovered	

1	2	3	4	5	6	7	8	9	10	11	12
---	---	---	---	---	---	---	---	---	----	----	----

Total

Signature of Contractor
Date:

Signature of Engineer in Charge
Date:

Signature of Senior Engineer
Date:

ANNEXURE A
Part II

Statement showing details of materials issued to the contractor Shri / M/s..... in respect of Contract Agreement / Work Order No.....Dated..... and not covered by the agreement

Sl.No	Stores Issue Voucher No. and Date	Issue Voucher No. and date allotted by stores to the SIV	Description of material issued to the contractor	Quantity issued	Quantity actually incorporated in the work	Issue Rate	Amount recoverable	Amount recovered upto previous bill	Balance now recovered	Remarks
-------	-----------------------------------	--	--	-----------------	--	------------	--------------------	-------------------------------------	-----------------------	---------

1	2	3	4	5	6	7	8	9	10	11
---	---	---	---	---	---	---	---	---	----	----

TOTAL
Add Departmental Charges
Add GST (Wherever applicable)
GRAND TOTAL

Signature of Contractor
Date:

Signature of Engineer-in-Charge
Date:

Signature of Senior Engineer
Date:

Note: Cost of materials recovered in this bill should be shown against Item 4 (a) of the memorandum of payments. The amounts of taxes and departmental charges recovered in this bill should be incorporated in Annexure C.

ANNEXURE B

Statement showing tools and plant issued to the contractor Shri /M/s.....in respect of contract Agreement / Work Order No.....Dated.....

Sl.No.	Description of Tools and Plant Issued	Period for which issued	Rate at which recovery is to be made	Amount recoverable	Amount recovered upto previous bill	Balance now recovered	Remarks
1	2	3	4	5	6	7	8

TOTAL

Signature of Contractor
Date

Signature of Engineer-in-Charge
Date

Signature of Senior Engineer
Date

ANNEXURE C

Statement showing details of other recoveries to be made from the contractor Shri/M/s.....In respect of Contract Agreement / Work Order No.....Dated.....

Sl.No.	Particulars	Unit	Quantity	Rate	Amount recoverable	Amount recovered upto previous bill	Amount now recovered	Remarks
1	2	3	4	5	6	7	8	9
1	Water charges							
2	Electricity charges							
3	Medical charges							
4	Cost of empty gunny bags and empty containers not returned							
5								
6								
7								

TOTAL

Signature of Contractor
Date

Signature of Engineer in Charge
Date

Signature of Senior Engineer
Date

ANNEXURE D
DEVIATION STATEMENT

Name of the Contractor: _____ Contract Agreement/Work Order No. _____
Name of the Work: _____ Date: _____

Sl. No.	Description of Item	Unit	Quantity as per agreement	Quantity as executed	Rate as per agreement	Rate as executed	Amount as per agreement	Amount as executed	Difference		Reason for the deviation with authority, if any
									Excess	Savings	
1	2	3	4	5	6	7	8	9	10	11	12

Signature of Engineer in Charge _____ Signature of Senior Engineer _____
Date: _____ Date: _____

ANNEXURE E

Statement showing the consumption of materials issued to the contractor Shri/M/s. _____ in respect of Contract Agreement / Work Order No. _____ Dated: _____

Name of the Work: _____

Sl. No.	Description of material	Unit	Quantity actually issued	Quantity actually incorporated in the work	Balance	Particulars of disposal of balance	Quantity to be issued as per approved data for work actually done	Variation in consumption (difference between column 5 & 8)		Rate chargeable for excess/short consumption, if any	Amount Recoverable for excess/short consumption, including materials not returned, if any	Remarks
								More	Less			
1	Cement											
2	Bricks											
3	Wood											
4	Asbestos Sheet											
5	Iron Material											
6												
7												

Signature of Contractor _____ Signature of Engineer in Charge _____ Signature of Senior Engineer _____
Date: _____ Date: _____ Date: _____

- Note
1. The quantities shown in columns 4 and 5 above should tally with those shown in columns 5 & 6 respectively of Annexure A (Part I and II)
 2. Data statement of theoretical consumption should be attached in support of quantity specified in column 8.

ANNEXURE F

Statement showing details of materials issued to the contractor Shri/M/s..... in respect of Contract Agreement / Work Order No.....dated.....

Name of the Work:

FREE OF COST											
Sl.No	Stores Issue Voucher No.	Description of material	Unit	Quantity issued	Quantity required as per data	Quantity consumed in the work	Balance (if any)	Nature of disposal for the balance	Rate chargeable for material not returned	Amount recoverable for material not returned	Remarks
1	2	3	4	5	6	7	8	9	10	11	12

Signature of Contractor
Date:

Signature of Engineer in Charge
Date:

Signature of Senior Engineer
Date:

ANNEXURE G
QUESTIONNAIRE TO BE ANSWERED BY THE ENGINEER IN CHARGE AND SENIOR ENGINEER
(Correct particulars and answers to be recorded)

1. Name of the Work:
2. Name of the Contractor:
3. Date of commencement of the Work:
4. Contract agreement /Work Order No. and date:
5. Reference to the supplementary Agreement No. if any:
6. Whether administrative approval and technical sanction has been accorded by the competent authority? If so, cite reference?
7. Whether sanction of the competent authority and financial concurrence of the Finance Department for award of the work has been accorded? If so, cite reference.
8. Whether the work has been completed in time? If not whether penalty has been levied or sanction of the competent authority for extension of time granted and communicated to the Finance Department with reasons for grant of extension? Due and actual date of completion of the work and reference to letter No. and date granting the extension of time should be given).
9. (a) Whether the rates allowed in the bill have been checked with the contract agreement?
 (b) Whether the rates for extra/supplemental items have been approved by the competent authority and the sanction communicated to the Finance Department together with rate analysis? If so, cite reference
10. Whether deviations have been approved by the competent authority? If yes, give reference to the approval; if not, give reasons.
11. Whether the rates of recovery of stores issued to the contractor which are not provided for in the contract agreement have been settled in consultation with Finance?
12. Whether discrepancies pointed out by the Finance department in the stores statement have been reconciled and accepted by the Finance Department?
13. Whether materials issued to the contractor in excess of the theoretical requirements have been returned to the Stores department and the No. and date of such returned stores vouchers have been shown in Stores statement? If not, whether the cost of such excess materials has been recovered at the prescribed rate? Whether consumption statements in respect of materials chargeable to the work have been attached to the bill?
14. Whether consumption of materials shown has been technically checked by Senior Engineer?
15. Whether materials issued and used in the work is not less than that required for consumption in work according to our specifications? If consumption is less, whether necessary recovery has been made in the bill?
16. Whether measurements have been checked by the Engineer and Senior Engineer to the extent required and certificates of check recorded in the measurement books?
17. Whether contractor has signed the bill and the measurement books without reservations? If not, whether reasons have been intimated to the Finance Department?
18. Whether arithmetical calculations have been checked and certificate recorded in the measurement books by a person other than the one who calculated initially?
19. Whether any work was done at the risk and cost of the contractor and whether such cost has been recovered from him? Give particulars.
20. Whether all advance payments on running accounts have been recovered?
21. Whether all the recoveries due for services given to the contractor like rent of accommodation, water charges, electricity charges have been recovered and whether payments made by the company on behalf of the contractor have been adjusted?
22. Whether the files containing abstracts from measurement books/standard measurement books have been completed/updated?
23. Whether hire charges for tools & plant have been recovered and the statement of hire charges with full details attached?
24. Whether the certificate of workmanship and completion of work according to specifications, drawings etc. is recorded by Engineer Incharge/Senior Engineer and whether recoveries have been made for defective works, if any?
25. Whether all corrections in the bill/measurement books etc. have been neatly made and attested and there are no overwriting?
26. Whether final measurements have been taken as soon as possible after completion of the work and the certificate of completion issued? If not, whether reasons for delay have been recorded and communicated to finance department?
27. In respect of quantities reduced in the final bill as compared to the running payment, whether adequate reasons have been recorded and communicated to finance department?
28. Whether the expenditure has been classified correctly according to heads of account recorded in the sanctioned estimate?
29. Whether the work has been completed within the estimated cost? If not, what is the percentage of excess over the sanctioned estimate/ administrative approval? In case the excess is beyond the competency of the Senior Engineer, what action has been taken for obtaining the approval of the authority competent to sanction the excess?
30. (a) If the contractor has furnished bank guarantee in lieu of cash security deposit towards proper execution of works and guarantee against defects during the maintenance period, whether the period of currency of the bank guarantee covers the entire maintenance period?
 (b) If not whether security deposit has been proposed to be recovered from the final bill?
31. Whether all the previous audit objections raised on running account bills have been settled? If so, cite references.

Signature of Engineer in Charge
 Date:

Signature of Senior Engineer
 Date:

BHARAT HEAVY ELECTRICALS LIMITED
DIVISION.....
Claim for Refund of Security Deposit
(Para 4.7.4 of Works Accounts Manual)

Ref No.:

Date:

1. Name and address of the contractor :
2. Contract Agreement/Work Order No. :
3. Date of contract agreement/work order :
4. Name of the work undertaken :
5. Date of commencement of the work :
6. Date of completion of the work :
7. Date on which security deposit refund falls due as per contract:
8. Amount deposited/recovered

Details	Mode	Amount

9. LESS amounts recoverable (with details)

- I. Amount spent by BHEL on maintenance :
- II. Payments made on behalf of contractor :
- III. Court dues / penalties / compensation :
- IV. Other recoveries for services etc. :
- V. Security deposit released with final bill (%) :

10. Net amount recommended for release (8-9)

Details	Mode	Amount

Date:

Signature of Engineer in Charge:

CERTIFICATE TO BE FURNISHED BY THE CONTRACTOR

I/We have no claim or demand outstanding against BHELfor the work done or for labor or material supplied or any other account arising out of or connected with the contract agreement/work order (No.....dated) and the payment of this bill shall be in full and final.

Date:

Signature of Contractor

CERTIFICATE TO BE FURNISHED BY SENIOR ENGINEER

Certified that

- The payment recommended for release is in order and there are no demands other than those included in the claim outstanding from the contractor;
- The maintenance period as per the contract agreement is over and the contractor has carried out the works required to be carried out by him during the period of maintenance to our satisfaction, and all expenses incurred by the company on carrying out such works have been included for adjustment;
- All the objections raised so far have been settled;
- A note of refund of security deposit has been made in the measurement book and contract agreement/work order.

Date:

Signature of Senior Engineer

FOR USE IN FINANCE DEPARTMENT

Passed for

Rs.....(Rupees.....
.....only)

Accountant

Accounts Officer

S.No.	SECTION	PRE BID QUERIES	BHEL REPLIES TO PRE-BID QUERIES
1	General	Kindly provide the Minimum cement content for concrete structures and water retaining structures.	The cement content shall be obtained as per mix design in line with clause no 8.02.01 (Page No. 2130 of 4238). The minimum cement content is governed as per clause 5.19.01.10 (Page No. 2910 of 4238) based on durability of concrete.
2	General	Statutory approval like forest clearance, canal crossing clearance, railway crossing clearance and road crossing clearance, etc., and land acquisition required for laying pipe will be in BHEL scope. Please confirm	Confirmed. However, any specific package wise requirement as per statutory norms or defined in technical specification shall be part of bidder's scope only.
3	General	Kindly confirm us the distance between the site and the place where surplus material is to be disposed.	Bidder to refer Cl. No. 2C/ Section 1D/ Page No. 1982 of 4283 regarding collection transport of debris and scrap.
4	General	Please let us know the availability of construction water and power.	Refer NIT along with annexures.
5	General	Kindly provide the Handrail specification for water retaining structures.	Handrail shall be as per General architecture requirement indicated on Page No. 2147 of 4283 unless noted otherwise.
6	General	Bidder understands that fencing/ boundary wall is excluded from bidder's scope. Please confirm.	Complete CIVIL works including fencing etc. as defined in the technical specification or required to meet technical/ functional & safety requirements within the Islands – 1, 2, 3 & 4 are in Bidder's scope. Kindly note that boundary walls are not envisaged in bidder's scope.
7	General	Bidder understands that the terminal points of storm water drainage of proposed plant are the outfall points mentioned in the referred tender drawing. Please confirm.	Bidder to refer Cl. No. 2.0/ A/ b of Section I - D (CIVIL) for storm water drain terminal point.
8	General	Bidder understands that the roads and associated drains are not in the bidder's scope. Please confirm if the scope is Bidder. Kindly provide the Specification of the road.	Road and drains within Islands – 1, 2, 3 & 4 are in bidder's scope only as per technical specification requirements. Please refer technical specification.
9	General	Packaged type Sewerage treatment plant (3 nos.) and sewage pumping station are not located in the GLP. Please locate the same. Also please furnish the details of existing sewerage network drawing with invert levels for interconnection of proposed sewerage lines to the existing nearest sewerage system.	Sewage treatment plants and sewage lifting stations/ sumps locations are already shown/ marked in GLP enclosed with Technical Specification. Please refer Page No. 974 of 4283. Regarding sewerage networking details, bidder to refer Cl. No. 2.A.d/ Section 1D/ Page No. 1982 of 4283 for better understanding. For complete technical requirements, bidder to also refer the details mentioned elsewhere in the technical specification.
10	General	Is Passivated DM Water piping from water source to Heat exchanger in bidder scope. If yes please confirm the length and size of the pipe.	If Passivated DM Water Piping from Water Source to Heat Exchanger is not in the bidder's scope, as per technical specification
11	General	Is Clarified Water piping from water source to Heat exchanger in bidder scope. If yes please confirm the length and size of the pipe.	Clarified Water Piping from Water Source to Heat Exchanger is not in the bidder's scope, as per technical specification.
12	General	Disposal point of Heat exchanger outlet.(Distance and size of pipeline if in bidder scope)	Heat Exchanger outlet piping is not bidder's scope as per technical specification.
13	General	P&ID for condenser tube cleaner system, PHE system & Self cleaning Strainer system.	Required details of COLTCS and PHE have already been included in the technical specification. Thus, P&IDs for COLTCS and PHE aren't required. However, P&ID for SCS is included in the technical spec. at page no. 249 of 4283.

Si. No.	Volume No./ Section No. of bid Doc.	Page No.	Clause No.	Subject	Bidder's Query	BHEL Replies to Pre-Bid Queries
A.	Commercial					
1.	General			Permits	Request to kindly provide the details regarding necessary permits, approvals, consents etc. particularly consent to establish, which are to be obtained by the Client for the execution of the project.	We would like to inform you that all necessary statutory approvals, including the Consent to Establish, required from the concerned authorities for the project have already been obtained by NTPC. However, any permits or clearances required during the execution phase—such as labour licenses, site establishment permissions, and safety clearances—which fall under the scope of the executing agency, shall be the responsibility of the contractor. With regard to excavation activities, it is to be noted that rock excavation shall be carried out by mechanical means. If controlled blasting is deemed necessary for the founding of any structures under this package, it shall be executed strictly in accordance with relevant statutory requirements. And permission shall be taken by the contractor.

Si. No.	Volume No./ Section No. of bid Doc.	Page No.	Clause No.	Subject	Bidder's Query	BHEL Replies to Pre-Bid Queries
						All applicable laws and regulations—including but not limited to the Explosives Act, Indian Standards, and rules governing acquisition, transport, storage, handling, and use of explosives—must be strictly adhered to by the contractor. Furthermore, the bidder shall ensure compliance with all applicable statutory provisions, including: • Factories Act – covering safety, health, and welfare of workers • Fire Safety Rules – as prescribed by the Tariff Advisory Committee • Water Act – for pollution control • Explosives Act – and related regulations
2.	General			Scheduled Bank Commercial	We would like to apprise you that “Sumitomo Mitsui Banking Corporation” has been included in the second schedule to the Reserve Bank of India Act, 1934 by notification DBOD.IBD.NO.9808/23.13.155/2012-13 dtd. 09th January 2013, published in the Gazette of India (part III – section 4) dated 02nd February 2013.	Please refer s.no -27 (c) of NIT

Si. No.	Volume No./ Section No. of bid Doc.	Page No.	Clause No.	Subject	Bidder's Query	BHEL Replies to Pre-Bid Queries
					We request to the department to kindly confirm the acceptance of BG from Sumitomo Bank.	
3.	General			Environment Assessment Impact	We understand that Environment Impact Assessment as required under the applicable Rules & Regulation has already been done for the Project and necessary approvals including approvals from Ministry of Forest and Pollution Control Board (PCB) as applicable have been taken by the Employer for this project. Please confirm.	Yes. Already received.
4.	General			Consent to Establish	We understand that Consent to Establish (CTE) approval under Environmental Law from the relevant authority has already been taken by the Employer for this project. Please confirm.	Yes. Already received.
5.	General			Consent to Operate	We understand that Employer being Proponent of the project the responsibility to obtain the Consent to Operate (CTO) under Environmental Law from the relevant authority shall lie with Employer. Please confirm.	Yes. But CTO shall be applied during commissioning phase by Customer, NTPC.
6.	General			Change in law	We understand that, if after bid submission/during execution, there is any change in law or enactment of new law/legislation which results into increase in the rate of Wages, prices of consumables/equipment or any other negative statutory variations thereby increase the cost of the Contractor, the same shall be reimbursed/paid/borne by the Employer. Please confirm	Statutory Variation shall be as per GCC-BOP Rev-00

Si. No.	Volume No./ Section No. of bid Doc.	Page No.	Clause No.	Subject	Bidder's Query	BHEL Replies to Pre-Bid Queries
7.	General			Inordinate delay in payments	We understand that the Contractor shall have the right to Terminate the Contract on Default of Employer or breach of any terms and Conditions by the Employer under the Contract or any inordinate delay in payments to Contractors, without any direct or consequential loss, liability or damages. Please Confirm	Please follow NIT Terms & Conditions
8.	General			Delay Payment	In case of delay payment beyond 30 days to the Contractor by the Employer against the Certified Invoices, the Contractor shall have to right to claim interest @10% p.a. on such delayed payment without prejudice to any other right of Contractor under the Contract including but not limited to right to suspension/ termination". Please Confirm	Please follow NIT Terms & Conditions
9.	NIT			LD on Overall Scope	Is partial delivery allowed without LD if critical packages are commissioned on time.	Please follow NIT Terms & Conditions
10.	General			Payment Security	In case of payment delays, does the contract allow interest claim and suspension/termination rights to the contractor. Kindly provide Information on this.	Please follow NIT Terms & Conditions
11.	General			Acceptance Testing	Please specify the scope and criteria of Factory Acceptance Test (FAT) and Site Acceptance Test (SAT), and confirm if 3rd party inspection cost is reimbursable.	Requirements of FAT and SAT have been specified in the technical specification wherever applicable, as per scope of work. Further, inspection shall be done as per approved quality plan and if required as per approved quality plan to carry

Si. No.	Volume No./ Section No. of bid Doc.	Page No.	Clause No.	Subject	Bidder's Query	BHEL Replies to Pre-Bid Queries
						out the inspection, BHEL shall deploy third party, on its behalf.
12.	General			Request for Extension of Bid Submission Date	In view of the complex scope, and pending internal approvals, we kindly request an extension of the bid submission deadline by at least 4 to 5 weeks from the current due date. This will help us ensure a technically compliant and commercially competitive bid in line with BHEL's expectations.	Kindly expedite your offer preparation and submit your offer with in due date & time. Time Extension (if any) shall be done in due course of time.
13.	NIT		Annexure C	Civil Work Payment	Can payment for civil works be split monthly instead of milestone basis for cash flow?	Payment Terms shall be as per Annexure-C to NIT. Modalities of payment of civil works shall be as per Annexure-C1 to NIT.
14.	SECTION-VI, PART-B SUB-SECTION-D- 1-3 CIVIL WORKS SUBMISSIONS	2025 of 4283	4.03.01	Contour plan	Kindly provide the Contour/topographical survey plan of the site.	Refer Tech. Specification Section I-D (CIVIL), Leveling and grading are excluded from bidder scope of works before construction. Levelling grading (micro grading) drawing (PE-DG-520-603-C001) & Topographical survey plan is attached in Section I - D (CIVIL).
15.	SECTION-VI, PART-B SUB-SECTION-D- 1-6 CIVIL WORKS DESIGN CRITERIA	2042 of 4283	5.02.11.01.03	Buoyancy from high ground water levels shall be taken into account in investigating stability against uplift.	Kindly clarify whether the uplift design water table shall be considered at ground level OR as per actual water table in Soil report.	At FGL (ground level).

Si. No.	Volume No./ Section No. of bid Doc.	Page No.	Clause No.	Subject	Bidder's Query	BHEL Replies to Pre-Bid Queries
16.				Boundary wall/ Link fencing	Kindly clarify the height & type of boundary wall. Whether chain link fencing is to be provided anywhere.	Boundary wall is not required/ envisaged in the bidder's scope. However, fencing wherever needed/ required inside Islands to meet safety & functional requirement is under bidder's scope only. Bidder to refer the details mentioned in Section I - D (CIVIL) or elsewhere in the tech. specification.
17.	VOLUME - II B	3716 of 4283	3.5.6	Malwa disposal	Kindly suggest the following- 1. Approx. location of disposal site for disposal of debris/ malwa/ surplus & unserviceable earth (if any) 2. Its distance from the site.	Bidder to refer Cl. No. 2C/ Section 1D/ Page No. 1982 of 4283 regarding collection and transport of debris and scrap.
18.	SUB-SECTION-D- 1-5 CIVIL WORKS SALIENT FEATURES AND DESIGN CONCEPT	Page 2055 of 4283	5.08.00	Plant Storm Water Drainage System	Please provide the tie in point for connecting storm water drainage. Please also confirm MOC of storm water drains.	Storm water drain MOC is already specified in the tech. spec. as RCC. Bidder to refer Cl. No. 2.0/ A/ b of Section I - D (CIVIL) for further clarity.
19.	-	-	-	Dismantling works	Kindly provide the sections details of any abandoned structure in the area of work to ascertain the dismantling required.	There is no abandoned structure in the area of work. Work area shall be well graded.
20.	SECTION – I Doc. No. PE-TS- 520-404-W001	72 of 4283	10.3.4	Chemical drain	Kindly conform if there shall be any chemical drains apart from storm water drain.	Chemical drains shall not be mixed with storm water drains.
21.	SUB-SECTION-D- 1-5 CIVIL WORKS	Page 2065 of 4283	05.17.00.02	Crack width of liquid retaining structure	Kindly provide Information about minimum crack width for liquid retaining structures.	Crack width shall be as per code IS 3370 and technical specifications in Section I-D

Si. No.	Volume No./ Section No. of bid Doc.	Page No.	Clause No.	Subject	Bidder's Query	BHEL Replies to Pre-Bid Queries
	SALIENT FEATURES AND DESIGN CONCEPT					(CIVIL) for water retaining structures.
22.	VOLUME - IIB SECTION - D | SUB-SECTION - D21	Page 4041 of 4283	1.00.00	Pilling beneath the existing structure	Kindly convey weather there is piling provided for any existing structure for bidder's understanding & costing purpose.	No piling has been provided.
23.	SECTION-VI, PART-B SUB- SECTION CIVIL WORKS FOUNDATION SYSTEM	Page 2125 of 4283	Annexure-C	Settlement criteria of foundation	Kindly convey the value of permissible settlement in footing weather it is 40mm as per code or it shall be restricted to 25mm.	For isolated and strip footing, net SBC for settlement of 25 mm and 40mm in soil/12mm in rock has been furnished. For Raft 75 mm settlement in soil/ 12mm in rock has been furnished. Refer Geotechnical report in Section I-D (CIVIL).
24.	VOLUME - IIB SECTION - D | SUB-SECTION - D21	Page 4041 of 4283	1.00.00	Bore hole location of new site area	Kindly provide the information about bore hole falling into new site area.	Bore holes detail already furnished in Section I-D (CIVIL).
25.	TECHNICAL REQUIREMENT Clause 2.03.05	Part- 2 64 OF 400	TECHNICAL REQUIREMENT Clause 2.03.05		For Stainless Steel (SS304) ND 65 and above, please confirm the schedule?	Pipe thickness shall be decided based upon process and design standard requirements. However, wherever min. schedule of SS-304 ND 65 & above is mentioned in the technical specification, bidder to follow the same.
26.	TECHNICAL REQUIREMENT Clause 2.06.01 (b)	Part- 2 66 OF 400	TECHNICAL REQUIREMENT Clause 2.06.01 (b)		As per tender all flanged G.I pipe to be shop welded before Galvanization. Please confirm in case flange or any other fitting is welded at site and suitable application of Zinc-Silicate	Bidder to follow the technical specification.

Si. No.	Volume No./ Section No. of bid Doc.	Page No.	Clause No.	Subject	Bidder's Query	BHEL Replies to Pre-Bid Queries
					paste adequately at the welded surface (both in side & outside) after welding. Will it be acceptable?	
27.	TECHNICAL REQUIREMENT Clause 2.07.04	Part- 2 67 OF 400	TECHNICAL REQUIREMENT Clause 2.07.04		As per tender, Stainless-steel fittings shall conform to either ASTM-A-182 Gr. 304 or ASTM-A-403 Grade WP. 304 Class-S . Please check and confirm the class mentioned.	Bidder to follow the technical specification.
28.	TECHNICAL REQUIREMENT Clause 2.06.03 Clause 2.08.02	Part- 2 67/68 OF 400	TECHNICAL REQUIREMENT Clause 2.06.03 Clause 2.08.02		In tender at some location Flange drilling standard is mentioned as ANSI B16.5 & at some location both drilling standard is mentioned ANSI B 16.5/ BS EN 1092. Please confirm can contractor use either of the drilling standard?	Technical specification is clear Bidder to follow technical specification.
29.	TECHNICAL REQUIREMENT Clause 2.15.00	Part- 2 74 OF 400	TECHNICAL REQUIREMENT Clause 2.15.00		Please confirm the type of Butterfly valve to be provided Concentric or eccentric?	Minimum requirements for Butterfly valves have been included in the technical specification. Bidder to follow the same and select the butterfly valves in line with process or system design requirements.
30.	General	N.A	General		Please confirm whether all valves to be unidirectional or Bi directional?	Minimum requirements for valves have been included in the technical specification. Bidder to follow the same and select the valves in line with process or system design requirements.
31.	BHEL DOCUMENTS NO.: PE-TS-520-404-W001 Clause 1.1, Section-I, Sub Section IA	Part- 2 254 of 400	BHEL DOCUMENTS NO.: PE-TS-520-404-W001		Tag No.- DMV19, Valve type mentioned as RGLV. Please confirm the full form of RGLV?	As per P&ID and Legend sheet enclosed at Page No. 651 & 652 of 4283 of Technical Spec., DMV19 is Motor Operated Regulating Glove Valve. However,

Si. No.	Volume No./ Section No. of bid Doc.	Page No.	Clause No.	Subject	Bidder's Query	BHEL Replies to Pre-Bid Queries
	VALVE SCHEDULE DM MAKE UP WATER SYSTEM		Clause 1.1, Sub Section-I, Section IA VALVE SCHEDULE DM MAKE UP WATER SYSTEM			RGLV stands for Regulating Glove Valve, in general.
32.	General				Kindly confirm the bolting MOC to be used in Piping for submerged and non- submerged condition.	Bolt MOC shall be decided based upon process and application requirements meeting technical specification requirements as minimum. However, wherever Bolts MOC is specifically mentioned in the technical specification, bidder to follow the same.
33.	General				Kindly confirm the Handrailing MOC for RCC & Metallic structure. Also please confirm the post dia and no. of posts?	Refer general notes drawings attached Section I-D and clause no. 9.02.01 of Civil specifications.
34.	Part-3 of 1	160- 200		P & I DIAGRAM CONDENSATE POLISHING PLANT (SHEET 1 OF 2 & 2 OF 2)- PE-DG-520-155- W001	1.Kindly consider the pretreatment for CPU Before SAC SBA and MB (Iron removal and TSS removal System) to maintain the safety and sodium slippage 2.Kindly Confirm the flow of the scheme given details is not cleared	1. Bidder to follow tech. spec. requirements. 2. P&IDs of CPU are already enclosed at Page No. 977-978 of 4283. Bidder to refer and follow the same.
35.	Part-3 of 1	160- 200		P&ID FOR DEMINEALISING PLANT (SHEET 1 OF 3, 2 OF 3 & 3 OF 3) -9587-999-POMI- A-002	1.Kindly consider The UF as pretreatment before The WAC and SAC and also required DMF as pretreatment as per raw analysis report please add Irion removal system in the scheme	1. & 2. Bidder to follow tech. spec. requirements. 3. P&IDs of DM Plant (Resin Based) are already enclosed at Page No. 985-987 of 4283.

Si. No.	Volume No./ Section No. of bid Doc.	Page No.	Clause No.	Subject	Bidder's Query	BHEL Replies to Pre-Bid Queries
					(UF for colloidal silica removal) 2. Kindly Consider RO based DM plant DMF- ACF -IRF – RO –DG - SAC –SBA – MB . 3.Kindly Confirm the flow of the scheme given details is not cleared	Bidder to refer and follow the same.
36.	Part-1	1035 – 1044		DATASHEET - A FOR EFFLUENT TREATMENT PLANT	Kindly Confirm the flow of the scheme given details is not cleared	Bidder to refer Page No. 975 of 4283 for P&ID of ETP.
37.						
38.	Part-1	1063 – 1075		A FOR CHP RUN OFF WATER TREATMENT PLANT	Kindly Confirm the flow of the scheme given details is not cleared	Bidder to refer Page No. 981 of 4283 for P&ID of CHP RUN OFF WATER TREATMENT PLANT.
39.	Part-1	1076 – 1085		A FOR PRETREATMENT PLANT (PTP/WTP)	Kindly Confirm the flow of the scheme given details is not cleared	Bidder to refer Page No. 983-984 of 4283 for P&ID of PRE-TREATMENT PLANT.
40.	Part-1	1055 – 1062		A FOR CW CHEMICAL TREATMENT PLANT (CWT)	Kindly Confirm the flow of the scheme given details is not cleared	Bidder to refer Page No. 980 of 4283 for P&ID of CW TREATMENT PLANT.
41.	Part-3 of 1	160- 200		P&I DIGRAM OF RO PLANT (SHEET 1 OF 2 & 2 OF 2)- 9587-9999-POM-A-003	1.Scheme is not as per P&ID 2.Kindly Consider RO based DM plant DMF- ACF -IRF – RO –DG - SAC –SBA – M 3.Hardness removal unit is also required for the scheme 4.Kindly Confirm the flow of the scheme given details is not cleared	1., 2., & 3 Bidder to follow tech. spec. requirements. 3. P&IDs of RO-DM Plant are already enclosed at Page No. 988-989 of 4283. Bidder to refer and follow the same.

Si. No.	Volume No./ Section No. of bid Doc.	Page No.	Clause No.	Subject	Bidder's Query	BHEL Replies to Pre-Bid Queries
42.	Part-3 of 1	23 Of 200		3.4 DM PLANT (ION EXCHANGE DM PLANT) A. ACTIVATED (AC) CARBON FILTERS ION-EXCHANGER UNITS Each ion exchange unit shall be guaranteed for design capacity meeting the effluent quality as mentioned below. However, each ion exchange unit shall be guaranteed for a Design flow (net) after meeting the water requirement for various regeneration steps. 44.Service Cycle Period between two successive regenerations) shall be 12 hours for each stream of cation and anion exchangers and 108 hours for each MB exchanger. Net output from each cation/anion unit between two regenerations shall not be less than Design flow (net) x 12 m3/hr and for mixed bed Design flow (net) x 108 m3/hr of treated water	DMF also required	Bidder to follow tech. spec. requirements.
43.	Part-3 of 1	24 Of 200			OBR will base 20 hrs of operation kindly confirm the flow	Bidder to follow tech. spec. requirements.

Si. No.	Volume No./ Section No. of bid Doc.	Page No.	Clause No.	Subject	Bidder's Query	BHEL Replies to Pre-Bid Queries
44.	Part-3 of 1	25 Of 200		f) Effluent from degassifier should not have CO2 content more than 5 ppm. C. POLISHING UF SYSTEM	Effluent from degassifier should not have CO2 content more than 6 ppm	Bidder to follow tech. spec. requirements.
45.	Part-3 of 1	25 Of 200			Kindly consider The UF as pretreatment before The WAC and SAC and also required DMF as pretreatment as per raw analysis report please add Irion removal system in the scheme	Bidder to follow tech. spec. requirements.
46.	Part-3 of 1			DM PLANT (UF+RO+MB PLANT)		
47.	Part-3 of 1		25 Of 200	B. Effluent from Degasser tower should not have CO2 content more than 5 ppm	Effluent from degassifier should not have CO2 content more than 6 ppm	Bidder to follow tech. spec. requirements.
48.	Part-3 of 1		25 Of 200	For the guaranteed water quality and the permeate water capacity, UF plant shall give an undiminished recovery of 92% up to the end of 5 years of operation with replacement guarantee of membrane elements.	Post UF 92 % And Pre UF 90 % (For colloidal silica removal)	Bidder to follow tech. spec. requirements.
49.	Part-3 of 1		25 Of 200	Net permeate flow rate from each RO train shall be guaranteed for design capacity meeting the effluent quality as mentioned below. 2. TDS of RO permeate shall not be more than 20	Based on RO projection and design 6 ppm	Bidder to follow tech. spec. requirements.

Si. No.	Volume No./ Section No. of bid Doc.	Page No.	Clause No.	Subject	Bidder's Query	BHEL Replies to Pre-Bid Queries
				ppm at 36 deg C. However, the mixed bed unit (MB) at downstream of RO plant shall be designed for inlet TDS of not less than 25 ppm plus 5 ppm of CO2. 3. For the design water quality and the permeate water capacity, RO plant shall give an		
50.	Part-3 of 1		25 Of 200	. For the design water quality and the permeate water capacity, RO plant shall give an undiminished recovery of 85% upto the end of 3 years of operation with replacement	Based on RO projection and design	Bidder to follow tech. spec. requirements.

Sr. No.	Clause	Pre-Bid Queries	BHEL Reply to Pre-Bid Queries
1	Payment Terms Annexure-C	Bidder Request - 10% Advance Shall be release against ABG	Please follow NIT Terms & Conditions
2	Financial Criteria	Balance retention amount shall be accommodate on pro rata basis of material supply.	Please follow NIT Terms & Conditions
3	Annexure-B Liquidated Damages (LD):	Bidder proposed - An average minimum financial turnover (audited) shall be of 500 Cr. or more over the last three Financial Years ending on 31.03.2024 Bidder request - LD Maximum of 5% of the total contract value of respective scope excluding GST.	Please follow NIT Terms & Conditions
4	General Point	PG (Performance Guarantee) should be on package wise, Even if downstream system is not ready.	Package wise milestones have already been defined in NIT. PG Tests are to be conducted by Bidder accordingly, meeting the project schedule requirements.
5	General Point	Bidder request to remove reverse Auction.	Please follow NIT Terms & Conditions
6	General Point	Bidder Request for extension of Bid submission date up to 6 weeks from the date last bid submission	Kindly expedite your offer preparation and submit your offer with in due date & time. Time Extension (if any) shall be done in due course of time.
7	General Point	Bidder request to waive off EMD in the form of BG	Please follow NIT Terms & Conditions