

	PPX-BOI DEPARTMENT BHARAT HEAVY ELECTRICALS LIMITED HEEP: HARDWAR-249 403 (Uttarakhand) FAX: +91 1334 226084/226462 TEL: +91 1334 28 4175	ENQUIRY NO. B/4222/2017/2028V/1 PACKAGE: AIR COOLED CONDENSER PACKAGE PROJECT: 3X800 MW PATRATU PROJECT DATE OF ISSUE OF ENQUIRY: 14/11/2017
---	--	--

Corrigendum Document

Tender enquiry No. B/4222/2017/2028V/1 for Air Cooled Condenser of 3X800MW Patratu Project

This document contained the changes made in the technical specifications and terms and conditions of Enquiry after its first issue. All interested bidders are requested to please ensure that all the amendments / clarifications of tender specifications are available with them along with the original tender documents before submission of offer.

All interested bidders are requested to ensure submission of their offer taking into consideration the original tender documents, amendments / clarifications of technical specifications, revised Price bid schedule and amendments of terms conditions of tender.

List of amendment & clarifications of technical specifications, revised Price bid schedule and amendments of terms conditions is as follows: (list of Original tender documents is attached along with this corrigendum Document)

1. list of amendments and clarifications of technical specifications

Amendments	Clarifications
- Amendment No.01 of Specification and its associated updated Annexures, issued on 12 Dec, 2017. - Amendment No. 02 of specifications and its annexure, issued on 22 Dec, 2017. Page 4 of 4 of Price schedule had also been revised according to the amendment No. 2 of specifications - Amendment No. 03 issued on 15 Jan, 2018 and forwarded to bidders (who have contacted BHEL) vide e -mail dated 23.01.2018 - Amendment No. 4 issued on 03 Feb, 2018 and forwarded to bidders (who have contacted BHEL) vide e -mail dated 09.02.2018 - Amendment No. 5 issued on 23 Feb, 2018 and forwarded to bidders (who have contacted BHEL) vide e -mail dated 06.03.2018 - Amendment No. 6 issued on 15 March, 2018 and forwarded to bidders (who have contacted BHEL) vide e -mail dated 06.03.2018 - Amendment No. 7 issued on 09/04/2018 and forwarded to bidders (who have contacted BHEL) vide e -mail dated 11/03/2018.	- Clarification No. 01 and 02, issued on 21.12.2017 - Clarification No. 03, forwarded to bidders (who have contacted BHEL) vide e -mail dated 23.01.2018 - Clarification No. 04 forwarded to bidders (who have contacted BHEL) vide e -mail dated 23.01.2018 - Clarification No 05 forwarded to bidders (who have contacted BHEL) vide e -mail dated 23.01.2018 - Clarification NO. 06 forwarded to bidders (who have contacted BHEL) vide e -mail dated 09.02.2018 - Clarification NO. 07 forwarded to bidders (who have contacted BHEL) vide e -mail dated 19.02.2018 - Clarification no 08 forwarded to bidders (who have contacted BHEL) vide e -mail dated 06.03.2018 - Clarification no 09 forwarded to bidders (who have contacted BHEL) vide e -mail dated 06.03.2018

- Revised Price Bid schedule (Rev01)** attached along with this corrigendum document.

	PPX-BOI DEPARTMENT BHARAT HEAVY ELECTRICALS LIMITED HEEP: HARDWAR-249 403 (Uttarakhand) FAX: +91 1334 226084/226462 TEL: +91 1334 28 4175	ENQUIRY NO. B/4222/2017/2028V/1 PACKAGE: AIR COOLED CONDENSER PACKAGE PROJECT: 3X800 MW PATRATU PROJECT DATE OF ISSUE OF ENQUIRY: 14/11/2017
---	--	--

2. Revised terms and conditions of tender are as follows:

a. LOT Date for Completion indicated in table of clause 1 of "*INSTRUCTION TO BIDDERS & SPECIAL TERMS OF ENQUIRY*" document of tender to be read as follows:

- Lot-1: Qty-1 SET → 07/12/2020
- Lot-2: Qty-1 SET → 07/06/2021
- Lot-3: Qty-1 SET → 07/12/2021

b. Clause no 10.2 of "*INSTRUCTION TO BIDDERS & SPECIAL TERMS OF ENQUIRY*" document of tender to be read as follows:

"CUSTOM DUTY (For supplies outside India): The Evaluation of the offers would be done considering **Custom duty on PI** (i.e. Custom Duty on Project Import). For evaluation, IGST would not be taken into consideration.

In case any of the document is not available with the bidders, the same may be taken from BHEL by contacting at e-mail IDs <mailto:manojy@bhel.in> and sspanwar@bhel.in

 PRICE SCHEDULE ENQUIRY NO. B/4222/2017/2028V/1 PACKAGE: AIR COOLED CONDENSER PACKAGE PROJECT: 3X800 MW PATRATU PROJECT								
IMPORTED SCOPE OF SUPPLY (Supply not from Indian Territory)								
Sl. No.	ITEM DESCRIPTION	Total Quantity (for all the 3 Units of PAQTRATU project), required for the complete scope of supply as per Enquiry & Specifications		NAME OF CURRENCY (Viz. USD, EURO etc.)	Basic FOB Price per Set each (Including Seaworthy packing, handling & transportation to vendors own port)	Total FOB Value for the complete quantity mentioned at "A"	Total Ocean Freight up to Haldia (India) for the complete scope of supply mentioned at "A"	Total Value on CFR Haldia (India) basis
		Unit	Total Quantity (for all the 03 Units of 800 MW PATRATU Project)					
1.0	Supply Portion (Firm scope, as per Specifications)		"A"		"B"	"C=AXB"	"D"	"E=C+D"
1.1	Mechanical Scope of Supply	Set	3					
1.2	Electrical Scope of Supply	Set	3					
1.3	C&I Scope of Supply	Set	3					
1.4	Commissioning Spares (Common for the complete scope of supply for 3 Units of Patratu Project)	Set	1					
1.5	Tools & Tackles (Common for the complete scope of supply for 3 Units of Patratu Project)	Set	1					
1.6	Mandatory Spares (As per scope mentioned in Annexure IV.4-13 of HE 57070 Rev.00)	Set	1					
1.7	Type Test Charges (for Firm Type tests)	Set	1					
AA	TOTAL VALUE FOR FIRM SCOPE OF SUPPLY ALONGWITH TYPE TEST CHARGES (1.1+1.2+1.3+1.4+1.5+1.6+1.7)							
2	OPTIONAL SCOPE (REFER NOTE BELOW)							
2.1	Recommended Spares (Item wise price breakup to be provided alongwith price Bid)	Set	1					
2.2	Type test charges for Heat Tranfer Coefficient of Tube Bundle	Set	1					
2.3	Type test charges for FAN Model test	Set	1					
2.4	Optional Prices for Two No erection elevators for 3 Units	No	2					
NOTE: 1. Location of Port of Loading Should be specified Clearly. 2. Item-Wise price breakup of Mandatory Spares (Sl. No. 1.6) & Type Test Charges (Sl. No. 1.7), should be provided during BBU approval after placement of LOI. 3. Item Wise price breakup of Recommended Spares (Sl. No. 2.1) should be provided separately alongwith the price Bid. 4. The requirement of items mentioned at Sl. No. 2 (Optional Scope) is yet to be finalised. In case these items are required, the same alongwith quantities of required items would be informed prior to price bid opening and the same would be used for evaluation of the offers. In such event, the unit price of each item multiplied by the total quantity required would be used for evaluation of these charges.								

(Signature With seal of company)

 PRICE SCHEDULE ENQUIRY NO. B/4222/2017/2028V/1 PACKAGE: AIR COOLED CONDENSER PACKAGE PROJECT: 3X800 MW PATRATU PROJECT							
INDIGENOUS SCOPE OF SUPPLY (Supply from Indian Territory) (IF Any)							
Sl. No.	ITEM DESCRIPTION	Total Quantity (for all the 3 Units of Patratu Project), required for the complete scope of supply as per Enquiry & Specifications		BASIC PRICE		Freight Charges upto Site (including service tax, if any) (in INR)	Total FOR Site Value (in INR)
		Unit	Total Quantity (for all the 03 Units of 800 MW Patratu Project)	Basic Material Price per Set each (Duly Packed) in INR	Total Basic Material value for the complete quantity mentioned at "A"		
1.0	Supply Portion (Firm scope, as per Specifications)		"A"	"B"	"C=AXB"	"F"	"G=C+F"
1.1	Mechanical Scope of Supply	Set	3				
1.2	Electrical Scope of Supply	Set	3				
1.3	C&I Scope of Supply	Set	3				
1.4	Commissioning Spares (Common for the complete scope of supply for 3 Units of Patratu Project)	Set	1				
1.5	Tools & Tackles (Common for the complete scope of supply for 3 Units of Patratu Project)	Set	1				
1.6	Mandatory Spares (As per scope mentioned in Annexure IV.4-13 of HE 57070 Rev.00)	Set	1				
1.7	Type Test Charges	Set	1				
BB	TOTAL VALUE FOR FIRM SCOPE OF SUPPLY ALONGWITH TYPE TEST CHARGES (1.1+1.2+1.3+1.4+1.5+1.6+1.7)						
2	OPTIONAL SCOPE (REFER NOTE BELOW)						
2.1	Recommended Spares (Item wise price breakup to be provided alongwith price Bid)	Set	1				
2.2	Type test charges for Heat Tranfer Coefficient of Tube Bundle	Set	1				
2.3	Type test charges for FAN Model test	Set	1				
2.4	Optional Prices for Two No erection elevators for 3 Units	No	2				
NOTE: 1. Location of Works of items alongwith applicable, HSN code & GST rate should be submitted seperately. 2. Item-Wise price breakup of Mandatory Spares (Sl. No. 1.6) & Type Test Charges (Sl. No. 1.7), should be provided during BBU approval after placement of LOI. 3. Item Wise price breakup of Recommended Spares (Sl. No. 2.1) should be provided separately alongwith the price Bid. 4. The requirement of items mentioned at Sl. No. 2 (Optional Scope) is yet to be finalised. In case these items are required, the same alongwith quantities of required items would be informed prior to price bid opening and the same would be used for evaluation of the offers. In such event, the unit price of each item multiplied by the total quantity required would be used for evaluation of these charges.							

(Signature With seal of company)

 PRICE SCHEDULE ENQUIRY NO. B/4222/2017/2028V/1 PACKAGE: AIR COOLED CONDENSER PACKAGE PROJECT: 3X800 MW PATRATU PROJECT						
FOR SERVICE PORTION						
Sl. No.	ITEM DESCRIPTION	NAME OF CURRENCY (Viz. USD, EURO, INR etc.)	Basic Price for the services required for complete scope mentioned under column 'ITEM DESCRIPTION'	Service Tax (GST) GST amount, Rate of GST along & HSN code should be indicated in this column	TDS @ ...% (For services rendered and billed from out side India only, refer Note below)	Total Value of Service Portion
1.0	Service Charges (Firm scope, as per Specifications)		"A"	"B=...% (specified above) X A"	"C=...%(specified above) X (A+B)"	"D=A+B+C"
1.1	Lumpsum Charges for Supervision during Erection and Commissioning of First Unit of ACC (Considering a period of 21 Months, as per scope of specifications).					
1.2	Lumpsum Training Charges (Common for all 3 Units of ACC) (except for Erection Training which is to be quoted as optional as per point no 2.3 below)					
1.3	Lumpsum charges for Supervision of Unloading and Storage of items for all the three Units of ACC					
1.4	Charges for carrying Performance Guarantee Test at site for all the 3 Units of ACC					
CC	TOTAL VALUE FOR FIRM SCOPE OF SERVICES (1.1+1.2+1.3+1.4+1.5)					
2	OPTIONAL SCOPE					
2.1	Optional <u>Per Visit</u> charges (i.e. To & Fro travelling Charges) on lumpsum basis for supervision during Erection & Commissioning of Unit-2 & Unit-3					
2.2	Optional <u>Per Day</u> charges on lumpsum basis for supervision during Erection & Commissioning of Unit-2 & Unit-3					
2.3	Optional Training charges for erection and commissioning in-line with clause no X.1.4 of specification HES7070					
NOTE: 1. As per Indian Law " TAX DEDUCTED AT SOURCE (TDS) " For Services rendered and Billed from within India, TDS is to be borne by the bidder and no separate payment/implication on account of TDS would be borne by BHEL. 2. For the service billed from India, GST should be paid by the supplier of service. BHEL will reimburs GST to supplier only after appearing entry of this GST on BHEL,s GST Portal. In case supplier of Service registered under composit scheme of GST, no GST would be paid by BHEL. 3. For the services billed from outside India, GST should not be paiaable by BHEL to supplier. BHEL will deposit GST to Government directly for such services. 4. Since input credit of GST will be availabel to BHEL, hence teh same shall not be considered for evaluation.						

(Signature With seal of company)

	PRICE SCHEDULE ENQUIRY NO. B/4222/207/2028V/1 PACKAGE: AIR COOLED CONDENSER PACKAGE PROJECT: 3X800 MW PATRATU PROJECT																																						
TECHNICAL PARAMETERS FOR BID EVALUATION/ LOADING CRITERIA (AS PER DOCUMENT NO. HXE/SK/90345/2 Rev. 00 of BHEL Specification)																																							
1. Name of Bidder:																																							
2. Note: Bidder to fill values in the specified columns marked as "*****" in technical parameters below and these values will only be used for evaluation.																																							
3. Technical Parameters: a) Cost of Civil RCC work of hollow columns as per instructions and <u>details given in clause 1 a) & Civil BOQ of HXE/SK/90345/2 Rev.00 and amendments thereafter</u>. Values to be filled in Table -1 below. Table: 1 <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 10%;">Sl. No.</th> <th style="width: 30%;">DESCRIPTION OF ITEM</th> <th style="width: 10%;">UNIT</th> <th style="width: 25%;">Total Quantity for 3 Units</th> <th style="width: 15%;">Unit Rate in INR</th> <th style="width: 10%; color: red;">Revise Unit Rate in INR</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">1</td> <td>Concrete M30 Grade</td> <td style="text-align: center;">CUM</td> <td style="text-align: center;">*****</td> <td style="text-align: center;">7000</td> <td style="text-align: center;">8437</td> </tr> <tr> <td style="text-align: center;">2</td> <td>Fairface form work</td> <td style="text-align: center;">SQM</td> <td style="text-align: center;">*****</td> <td style="text-align: center;">1000</td> <td style="text-align: center;">965</td> </tr> <tr> <td style="text-align: center;">3</td> <td>Re-Inforcement</td> <td style="text-align: center;">MT</td> <td style="text-align: center;">*****</td> <td style="text-align: center;">60000</td> <td style="text-align: center;">55633</td> </tr> </tbody> </table> b) Cost of Erection work shall be worked out based on tonnages that need to be erected. Values to be filled in Table -2 below. Table: 2 <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 10%;">Sl. No.</th> <th style="width: 30%;">Erectable Tonnage (MT) per Unit</th> <th style="width: 25%;">Total for 3 Units (MT)</th> <th style="width: 35%;">Unit Rate (Per MT) in INR</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">1</td> <td style="text-align: center;">*****</td> <td style="text-align: center;">*****</td> <td style="text-align: center;">20000</td> </tr> </tbody> </table> c) Guaranteed Power Consumption: Guaranteed Power consumption should be indicated in the Table-3 in line with document no. HXE/SK/90345/2 Rev.00 Table: 3 <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 10%;">Sl. No</th> <th style="width: 30%;">Guaranteed Power Consumption for 1 Unit</th> <th style="width: 60%;">Guaranteed Power Consumption for 3 Units</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">1</td> <td style="text-align: center;">*****</td> <td style="text-align: center;">*****</td> </tr> </tbody> </table>		Sl. No.	DESCRIPTION OF ITEM	UNIT	Total Quantity for 3 Units	Unit Rate in INR	Revise Unit Rate in INR	1	Concrete M30 Grade	CUM	*****	7000	8437	2	Fairface form work	SQM	*****	1000	965	3	Re-Inforcement	MT	*****	60000	55633	Sl. No.	Erectable Tonnage (MT) per Unit	Total for 3 Units (MT)	Unit Rate (Per MT) in INR	1	*****	*****	20000	Sl. No	Guaranteed Power Consumption for 1 Unit	Guaranteed Power Consumption for 3 Units	1	*****	*****
Sl. No.	DESCRIPTION OF ITEM	UNIT	Total Quantity for 3 Units	Unit Rate in INR	Revise Unit Rate in INR																																		
1	Concrete M30 Grade	CUM	*****	7000	8437																																		
2	Fairface form work	SQM	*****	1000	965																																		
3	Re-Inforcement	MT	*****	60000	55633																																		
Sl. No.	Erectable Tonnage (MT) per Unit	Total for 3 Units (MT)	Unit Rate (Per MT) in INR																																				
1	*****	*****	20000																																				
Sl. No	Guaranteed Power Consumption for 1 Unit	Guaranteed Power Consumption for 3 Units																																					
1	*****	*****																																					

(Signature With seal of company)



PPX-BOI DEPARTMENT BHARAT HEAVY
ELECTRICALS LIMITED HEEP:
HARDWAR-249 403 (Uttarakhand) FAX:
+91 1334 226084/226462
TEL: +91 1334 28 4175

ENQUIRY NO. B/4222/2017/2028V/1
PACKAGE: AIR COOLED CONDENSER PACKAGE
PROJECT: 3X800 MW PATRATU PROJECT
DATE OF ISSUE OF ENQUIRY: 14/11/2017
ENQUIRY DUE DATE: 27/12/2017 (BY 1345 HRS IST)

List of tender documents

1. INSTRUCTION TO BIDDERS & SPECIAL TERMS OF ENQUIRY
2. GISTC (For Foreign Bidders)
3. GISTC (for Indian Bidders)
4. Price Schedule (*Annexure-ACC/OT/COMM/PRICE SCHEDULE*)
5. Cost of Withdrawal of Deviation (*Annexure-ACC/OT/COMM/DEVIATION LIST*)
6. Terms & Conditions of Reverse Auction (*Annexure-ACC/OT/COMM/RA TERMS*)
7. Format of Integrity Pact
8. Bank Guarantee Format
9. List of BHEL Consortium Banks
10. Draft LC Format
11. Quality Requirements (*ANNEXURE- ACC/OT/QA/QUALITY REQUIREMENTS*).
12. Technical Specification HE 57070 REV.00.
13. Annexures to Technical Specification mentioned at clause XVII of HE 57070 REV.00.
14. Pre-Qualification Requirements/ Proveness Criteria (Document No. HXE/SK/90345/1 REV.00)
15. Bid Evaluation Criteria (Document No. HXE/SK/90345/2 REV.00)
16. Sub-Vendor approval List (Document No. HXE/SK/90345/3 REV.00)