

**VOLUME-III
PRICE SCHEDULE, REV-0**

JOB: ERECTION, TESTING AND COMMISSIONING OF AIR COOLED CONDENSER (ACC) WITH ASSOCIATED AUXILIARY SYSTEM ETC. FOR UNIT # 3 OF 3X660 MW NORTH KARANPURA STPP, JHARKHAND.

TENDER NO - PSER:SCT:NKP-M2074:20

PREAMBLE

SL NO	DESCRIPTION
1	This preamble forms part of tender document and schedule of items. The tenderer should read this preamble carefully before filling in rates for various items. Clauses under this preamble shall be read in conjunction with various volumes of tender and other tender sections as applicable and shall have precedence over any contrary statement mentioned any where in this document.
2	The work shall be carried out strictly as per specifications, description of the items in these schedule and / or engineer's instructions. Drawings enclosed with the tender are only preliminary and for tender purposes and giving some idea of the work involved. The work is to be executed as per drawings & documents, which shall be furnished during execution.
3	Items of work provided in this schedule but not covered in this specification shall be executed strictly as per instruction of the engineer.
4	Unless specifically mentioned otherwise in the tender document, the tenderer shall quote for the finished items and shall provide for the complete cost towards power, fuel, tools, tackles, equipment, constructional plants, temporary works, labour, dismantling of all temporary piping, structures, valves, pumps, tanks & other misc. equipment, strengthening of roads/culverts/bridges etc. including arranging all clearances etc. required for carrying out different activities & tests, materials, levies, transport, layout, repairs, rectification, maintenance till handing over, supervisions, colonies, shops, establishments, overheads, profits and all incidental items not specifically mentioned but reasonably implied and necessary to complete the work according to the complete tender document and this schedule.
5	The quantities of the various items mentioned in this schedule of items are approximate, based on very preliminary information and may vary to any extent or be deleted altogether. The quoted rates of each item will remain firm throughout the period of execution including extension, for reasons whatsoever, as long as variation in the total value of work executed under any part of this contract including extra items, if any but excluding any price variation remains, within plus/minus fifteen percent ($\pm 15\%$) of the awarded price as per LOI .
6	Prior written approval of BHEL shall be sought by the contractor in case quantity variation of any item crosses +50% (plus fifty percent) limit during execution and approval to be obtained before execution of further quantity for this item.
7	In case Sealed /Paper Price Bids are opened for finalisation of the tender, for any Item Rate/BOQ based contract, possibility of variation of quantity/ addition/deletion of items can not be ruled out. Under such circumstances, after execution of work, if it is observed that standing as L-1 is changed based on actual quantity executed, the bidder shall give suitable rebate to maintain your standing as L-1. Since this aspect can be assessed at the end of execution, necessary adjustment will be effected at the end of execution in final bill. This condition shall not be applicable where the tender is finalised through Reverse Auction.
8	BHEL reserve the right to rationalize the rates, quoted by L-1 bidder against unit rate items and/ or other optional items with respect to item-wise lowest rates (amongst the participating bidders), before placement of order.
9	The rates quoted shall be inclusive of cleaning of site of any vegetation, dressing , clearing of old structures and leveling etc. including fixing of grid pillars, benchmarks etc. required for commencement of site activities. No separate payment will be made towards the same. However, if separate rate for such item is available in the rate schedule, the same shall be considered.

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10	Rates shall be quoted in figures and in words in clear legible writing. No overwriting is allowed. All scoring and cancellations should be countersigned and in case of illegibility the interpretation of engineer shall be final. All entries shall be in English language.
11	All works item wise shall be measured upon completion and paid for at the rates quoted and accepted as per BHEL approved payment schedule/billing break-up.
12	The tender shall be deemed to have visited site and made himself aware of all the site conditions, studied the specifications and details of work to be done within the time schedule attached and to have acquainted himself of the conditions prevailing at site.
13	No splitting of the job is envisaged. Decision of BHEL in this regard shall be final and binding to the bidders.
14	Bidders are not allowed to alter the Price Schedule format including item description, quantity etc. and the offer is liable for rejection if the bidders submit their prices in Price Schedules modified by them. BHEL reserves the right to reject the offers of bidders who submit offers in Price Formats which are modified/ altered by them. Also putting any comments instead of rates/price in the designated column of the rate schedule shall make the offer liable for rejection.
15	Bidders to note that for Civil &/Structural packages, against a particular item against a ST No. appearing in more than one schedule of the BOQ, same rate must be quoted in all schedules for that particular items with same descriptions. If by error, different rates are quoted in different schedules for same ST No. (i.e. item with same description), then the higher of the rates shall be considered for evaluation but awarding shall be done with the lower rate, if the bidder becomes L-1."
16	For Lumpsum Service Contract : The items/components indicated in the tender is indicative and may vary to any extent. No compensation shall be payable in case of any variation in the items/components listed in the bill of quantities if the executed weight remains within the variation limit. However, in case of deletion of any item or addition of new items over and above the items listed or variation of existing quantity beyond variation limit specified, adjustment (i.e. Payment or recovery as the case may be) shall be done on pro-rata basis based on the Rate per MT worked out from the quoted lump-sum Price and the total weight of components listed /indicated in price schedule plus 15% weight variation limit.
17	Engineer's decision shall be final and binding on the contractor regarding clarification of items in the schedule with respect to the other sections/volumes of the contract.
18	In case of tender for Civil and/or Structural works, if the Non-schedule items are not quoted by the bidder, it will be treated at par with rate of corresponding item of CPWD/PWD/DSR schedule as prescribed in the tender/BOQ cum Rate Schedule.
19	No interest, whatsoever, shall be payable by BHEL on the security deposit, any bank guarantee submitted or any amount due to successful bidder/contractor.
20	Size and weights of various items are mentioned in the attached BOQ cum rate/price schedule for reference purpose only & these shall not be taken into consideration for quoting/calculating amount in the rate schedule. These shall be utilised as per relevant sections of tender. Bidders shall quote for each item in the rate column, taking unit as mentioned in the quantity column. Rates shall be filled in both figures and words. Amount shall be calculated based upon these rates multiplied by the mentioned quantity for the respective items.
21	Bidder's Total price will be considered for evaluation unless stated otherwise.
22	In case of BOP packages, if Bidder does not quote/indicate the price for freight charges against indicated rate schedule, the same shall be considered as 2% of basic price and adjusted with the total quoted price against each item keeping the total quoted price unaltered.

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TENDER NO - PSER:SCT:NKP-M2074:20

SCH-1 - TOTAL PRICE

SL. NO.	DESCRIPTION OF EQUIPMENT/ ITEM	TOTAL QUOTED PRICE (Rs)
1.0	COMPLETE WORK OF HANDLING INCLUDING RECEIPT OF MATERIALS FROM BHEL STORES/STORAGE YARD, ARRANGING THEIR ISSUE, SITE TRANSPORTATION, TEMPORARY STORAGE PRIOR TO ERECTION, IF REQUIRED, CLEANING, TRANSPORTATION TO SITE PRESERVATIVE PAINTING, ERECTION, ALIGNMENT, WELDING, LEVELING, ADJUSTMENT, CHIPPING & LEVELING OF FOUNDATION, ALL PRE-COMMISSIONING TESTS, COMMISSIONING, START-UP AND TRIAL OPERATION AND HANDING OVER OF TOTAL AIR COOLED CONDENSER SYSTEM OF U#3 & ITS AUXILIARIES INCLUDING ALL ROTATING MACHINES/EQUIPMENTS & PIPING, INSULATION, INSTALLATION OF LIFTING DEVICES, FINAL PAINTING ETC AT 3X660 MW NORTH KARANPURA SITE, JHARKHAND	

NOTE

1.0	Bidder to note that total price at sl no 1.0 above shall be considered for evaluation & awarding. As such total price at sl no 1.0 should be complete in all respect for the full scope defined and considering all terms and conditions.
2.0	Bidder to note that percentage break-up of above total price is frozen and indicated in SCH-2.
3.0	Based on the itemwise percentage allocations, the amount for the individual items of the Bill of Quantity shall be arrived at. The rates of individual items shall be derived from the amount against each items and its quantity after rounding off to upto 7 decimal places. However, RA bill payment shall be done after rounding off the gross amount to two decimal points. Any adjustment, if required, due to such methodology, will be effected / adjusted in final bill.
4.0	Bidder shall note that while the allocated price of SCH-2 correspond to their respective prices, rates of various components will be worked out by apportioning the amounts wrt respective indicated quantities.
5.0	Other optional items, if included, shall not be considered for evaluation.
6.0	Any item as per scope of work, if not included in the price quoted above and shown separately will not be taken cognizance of and the offer shall be liable for rejection.
7.0	Price format shall not be changed by bidder in any case, since it may lead to cancellation of bidder's offer.

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TENDER NO - PSER:SCT:NKP-M2074:20				
SCH-2- TOTAL PRICE BREAK-UP IN WEIGHATAGE				
SL NO	DESCRIPTION	QUANTITY	UOM	Weightage
1	COMPLETE WORK OF HANDLING INCLUDING RECEIPT OF MATERIALS FROM BHEL STORES/STORAGE YARD, ARRANGING THEIR ISSUE, SITE TRANSPORTATION, TEMPORARY STORAGE PRIOR TO ERECTION, IF REQUIRED, CLEANING, TRANSPORTATION TO SITE PRESERVATIVE PAINTING, ERECTION, ALIGNMENT, WELDING, LEVELING, ADJUSTMENT, CHIPPING & LEVELING OF FOUNDATION, ALL PRE-COMMISSIONING TESTS, COMMISSIONING, START-UP AND TRIAL OPERATION AND HANDING OVER OF TOTAL U#3 AIR COOLED CONDENSER SYSTEM & ITS AUXILIARIES INCLUDING ALL ROTATING MACHINES/EQUIPMENTS & PIPING, INSULATION, INSTALLATION OF LIFTING DEVICES, FINAL PAINTING ETC AT 3X660 MW NORTH KARANPURA SITE, JHARKHAND			
1.1	FOUNDATIONS & STRUCTURES (Group-I)	9951	MT	0.58129157
1.2	ROTATING MACHINES AND MISC. EQUIPMENT (Group-II)	2003	MT	0.06461529
1.3	DUCTING & PIPING- ALL TYPES (Group-III)	2896	MT	0.32824214
1.4	Fabrication and Erection of Misc. Structures, Walk-way, Platforms, Staircases etc.(Group-IV)	395	MT	0.01549752
1.5	INSULATION (Group-V)	125	MT	0.00523123
1.6	LIFTING DEVICE (Group-VI)			
1.6.1	Chain Hoist	10	SET	0.00217968
1.6.2	Electrical Hoist	1	SET	0.00043594
1.6.3	EOT crane for handling Vacuum Pump etc.	1	SET	0.00130781
1.6.4	EOT crane for handling Drain Pump etc.	1	SET	0.00087187
1.7	PROVIDING PG TEST ASSISTANCE	1	LUMPSUM	0.00032695
	Total			1.000000000