

Item Rate BoQ

Tender Inviting Authority: Bharat heavy Electricals limited-Project Engineering Management, Noida

Name of Work: CONDENSER ON LOAD TUBE CLEANING SYSTEM for 5x800 MW YADARI TPS

Tender enquiry no.: PE/PG/YAD/E-6568/2020 dated 10.12.2020

Name of the Bidder/ Bidding Firm / Company :														
PRICE SCHEDULE (This BOQ template must not be modified/replaced by the bidder and the same should be uploaded after filling the relevent columns, else the bidder is liable to be rejected or this tender. Bidders are allowed to enter the Bidder Name and Values only)														
A. Notes for Main supply and supervision for services : 1 Unit price quoted by bidder, as above, shall be binding for quantity variation as per NIT. 2 Price of commissioning & erection spares and other accessories not listed above shall be included in price of equipment & shall be supplied as per Technical Specification. 3 Total of prices given from S.No. 5 to 35 should tally with total price given at S No. 2 below 4 For cost of site activities (i.e. Installation Checks & Commissioning and Trial Run & PG test), bidder has to quote the prices in Sl. No. 8,9,11 & 12 (in line with clause no. 5.0 of sub section-IA of section-I of Technical Specification) Respective visit charges for engineer including travel (except daily charges) are to be quoted in Sl. No. 8 & 11 and respective daily charges for engineer including boarding/lodging, local conveyance, medical, insurance etc. are to be quoted in Sl. No. 9 & 12. a. Installation checks & Commissioning: Two site visits for three days each for installation check/commissioning of COLTCS for each unit i.e. for 2 nos. of COLTCS system. b. Trial Run & PG test: Two site visits for twenty days each for trial run and PG testing of COLTCS for each unit i.e. for 2 nos. of COLTCS system" 5 Amount payable for engineer per visit to site = Unit Price quoted for visit + (Daily charges for Manday X No. of actual days at site). No. of actual days at site - To be certified by BHEL site office. 6 Lump sum visit charges for engineer for site activities (Installation checks, Commissioning, Trial run & PG Test) shall be inclusive of travelling and Lump sum daily charges for engineer for site activities (Installation checks, Commissioning, Trial run & PG Test) shall be inclusive of boarding/lodging, local conveyance, medical, insurance etc 7 In case of non-completion of Installation checks, Commissioning, Trial run & PG Test in site visits stipulated at respective sl. no. 4 of notes above, for any reasons not attributable to vendor (to be certified by BHEL site), vendor shall complete above activities in subsequent site visits for which cost shall be borne by BHEL on pro-rata basis on price of site visit quoted by bidder. 8. Stage wise quantiles have been defined in a separate file (BOQ for breakup of Stage Wise Quantity) enclosed with NIT.														
B. Notes for Mandatory spares: 1. Spares not applicable for the Package to be specifically quoted as "NOT APPLICABLE". 2. In case if such items of spares indicated as "not applicable" by bidder in its offer, are found applicable at a later date during execution of the project, such items of spares are to be supplied within the ordered cost of the mandatory spares. 3. Wherever % is indicated for the mandatory spares, the quantity shall be calculated for % of supply for one unit, unless otherwise specified. The quantity to be reckoned for % indicated shall be rounded off to the next higher whole number. For example if the % arrived is 0.2 the quantity to be supplied shall be 1 and if the % arrived is 5.1 the quantity to be supplied shall be 6. 4. In respect of quantity mentioned as 'Set' means the total quantity of all the components/items used in particular equipment unless otherwise specified.														
Sl. No.	Item Description	Quantity	Units	Unit (Ex-works) price in Rs.	Total (Ex-works) price in Rs.	Freight rate in %	Freight Amount,as applicable in Rs.	Total PRICE (EX-WORKS + FREIGHT, as applicable) in Rs.	GST type	GST rate in %	GST amount in Rs.	HSN code	Total FOR site Price in Rs.	Total FOR site Price In Words
1	2	4	5	13	14	15	16	17	18	20	21	23	53	55
2	Total price for design, manufacture, assembly, inspection, testing, packing for transportation and delivery, including final check up of installation, commissioning, trial run and PG testing of TEN (10) sets of COLTCS complete in all respect including all accessories & auxiliaries as specified in technical specification and as necessary including mandatory spares, commissioning spares of COLTCS and special tools & tackles (as required) for erection & maintenance.	10	SET		0.000		0.000	0.000			0.000		0.000	INR Zero Only
3	MAJOR BREAKUP OF PRICES GIVEN IN 2.0 ABOVE													
4	Design, manufacture, inspection and testing, packing and delivery of COLTCS complete with all accessories except for clause no. 7.0 to 35.0 below													
5	COLTCS F-NW S-2700 C-DCS	10	NOS.		0.000		0.000	0.000			0.000	8479	0.000	INR Zero Only
6	E&C SPARES (as required)	1	SET		0.000		0.000	0.000			0.000	8479	0.000	INR Zero Only
7	Installation checks & Commissioning													
8	Lump sum visit charges for engineer including travel (except daily charges)	10	VISITS		0.000		0.000	0.000			0.000	99833	0.000	INR Zero Only
9	Lump Sum daily charges for engineer including boarding/lodging, local conveyance, medical, insurance etc.	30	MANDAYS		0.000		0.000	0.000			0.000	99833	0.000	INR Zero Only
10	Trial Run & PG test													
11	Lump sum visit charges for engineer including travel (except daily charges)	10	VISITS		0.000		0.000	0.000			0.000	99833	0.000	INR Zero Only
12	Lump Sum daily charges for engineer including boarding/lodging, local conveyance, medical, insurance etc.	200	MANDAYS		0.000		0.000	0.000			0.000	99833	0.000	INR Zero Only
13	Mandatory spares-Sl. no. 14 to 35													
14	Valve Complete Assembly - (10% of each type and size of total population or minimum 1(one) No. whichever is higher= 1 LOT)	2	LOT		0.000		0.000	0.000			0.000	8479	0.000	INR Zero Only
15	Complete set of Pump without motor - One (1) Complete set= 1 LOT	2	LOT		0.000		0.000	0.000			0.000	8479	0.000	INR Zero Only
16	Normal Sponge Rubber Balls & Abrasive Balls - for one year operation of one COLTCS = 1 LOT	2	LOT		0.000		0.000	0.000			0.000	8479	0.000	INR Zero Only
17	Field Instruments													
18	Transmitters/ Gauges/Switches etc. along with relevant accessories (10% of total or at least two (whichever is higher) for each type along with accessories. = 1 LOT)	2	LOT		0.000		0.000	0.000			0.000	8479	0.000	INR Zero Only
19	Temperature element/RTD (10% of each type, range and immersion length. Or Minimum 5 nos.= 1 LOT)	2	LOT		0.000		0.000	0.000			0.000	8479	0.000	INR Zero Only
20	Furnace Temperature Probe (Thermocouple 1 no. = 1 LOT)	2	LOT		0.000		0.000	0.000			0.000	8479	0.000	INR Zero Only
21	Control Panel/ Desk													
22	Back up panel mounted devices (selector switched/push buttons/indicators etc.):-(5% of installed capacity= 1 LOT)	2	LOT		0.000		0.000	0.000			0.000	8479	0.000	INR Zero Only
23	Lamps/ LEDs (100% of the total quantity =1 LOT)	2	LOT		0.000		0.000	0.000			0.000	8479	0.000	INR Zero Only
24	Blank Tiles (10% of installed capacity =1 LOT)	2	LOT		0.000		0.000	0.000			0.000	8479	0.000	INR Zero Only
25	MCBs (10% of each type & rating =1 LOT)	2	LOT		0.000		0.000	0.000			0.000	8479	0.000	INR Zero Only
26	Fuses/ Fuse holder (100% of each type & rating =1 LOT)	2	LOT		0.000		0.000	0.000			0.000	8479	0.000	INR Zero Only
27	Annunciation System													
28	Each type of module 1(one) No. each = 1 LOT)	2	LOT		0.000		0.000	0.000			0.000	8479	0.000	INR Zero Only
29	Lamp Box with Facia & Lamps (LED type)- (5 (five) Nos. = 1 LOT)	2	LOT		0.000		0.000	0.000			0.000	8479	0.000	INR Zero Only
30	Hooter (1 (one) No.= 1 LOT)	2	LOT		0.000		0.000	0.000			0.000	8479	0.000	INR Zero Only
31	415 Volt Motor (Upto 30KW Rating)													
32	Driving End & Non-Driving End Bearing (3 Set for each type and rating of Motor = 1 LOT)	2	LOT		0.000		0.000	0.000			0.000	8479	0.000	INR Zero Only
33	Cooling Fan (2 No. for each type and rating of Motor = 1 LOT)	2	LOT		0.000		0.000	0.000			0.000	8479	0.000	INR Zero Only
34	Motor Terminal Block (5 No. for each type and rating of Motor = 1 LOT)	2	LOT		0.000		0.000	0.000			0.000	8479	0.000	INR Zero Only
35	Complete Set of Coupling (1 Set for each Application = 1 LOT)	2	LOT		0.000		0.000	0.000			0.000	8479	0.000	INR Zero Only
Total in Figures													0.00	Zero Only
Quoted Rate in Words		INR Zero Only												

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Name of the Bidder/ Bidding Firm / Company :									
ANNEXURE-II (COST OF WITHDRAWAL) (This BOQ template must not be modified/replaced by the bidder and the same should be uploaded after filling the relevent columns, else the bidder is liable to be rejected for this tender. Bidders are allowed to enter the Bidder Name and Values only).									
NOTES: 1. Cost of Withdrawal of deviation will be applicable on the basic price (i.e. excluding taxes, duties & freight) only. 2. All the bidders have to list out all their technical & commercial deviations (if any) in details in the above format. 3.Any deviation not mentioned above and shown separately or found hidden in offer, will not be taken cognizance of. 4.Bidder shall submit duly filled unpriced copy of above format indicating "quoted" in "cost of withdrawl of deviation" column of the schedule above along with their Techno-commercial offer, wherever applicable. In absence of same, such deviation(s) shall not be considered and offer shall be considered in total compliance to NIT. 5. Bidder shall furnish price copy of above format along with price bid. 6.The final decision of acceptance/ rejection of the deviations quoted by the bidder shall be at discretion of the Purchaser. 7.Bidders to note that any deviation (technical/commercial) not listed in above and asked after Part-I opening shall not be considered. 8. For deviations w.r.t. Credit Period, Liquidated damages, Firm prices if a bidder chooses not to give any cost of withdrawl of deviation loading as per Annexure-VII of GCC, Rev-07 will apply. For any other deviation mentioned in un-priced copy of this format submitted with Part-I bid but not mentioned in priced copy of this format submitted with Priced bid, the cost of withdrawl of deviation shall be taken as NIL. 9. Any deviation mentioned in priced copy of this format, but not mentioned in the un-priced copy, shall not be accepted. 10. All techno-commercial terms and conditions of NIT shall be deemed to have been accepted by the bidder, other than those listed in unpriced copy of this format. 11. Cost of withdrawl is to be given seperately for each deviation. In no event bidder should club cost of withdrawl of more than one deviation else cost of withdrawl of such deviations which have been clubbed together shall be considered as NIL. 12. In case nature of cost of withdrawl (positive/negative) is not specified it shall be assumed as positive. 13. In case of descerepancy in the nature of impact (positive/ negative), positive will be considered for evaluation and negative for ordering.									
Sl. No.	Item Description	Cost of withdrawal of deviation to be entered by the bidder in Rs.	Page no.	Technical specification/tender document clause no.	Reference of price schedule of which cost of withdrawal of deviation is applicable	Nature of cost of withdrawal of deviation (positive/Negative)	Reasons for quoting deviation	TOTAL AMOUNT Without Taxes in Rs.	Total FOR site Price In Words
1	2	13	23	24	30	31	36	53	55
1.01	TECHNICAL DEVIATION								
1.02	Technical deviation							0.000	INR Zero Only
1.03	Technical deviation							0.000	INR Zero Only
1.04	Technical deviation							0.000	INR Zero Only
1.05	Technical deviation							0.000	INR Zero Only
1.06	Technical deviation							0.000	INR Zero Only
1.07	Technical deviation							0.000	INR Zero Only
2	COMMERCIAL DEVIATION								
2.01	Commercial deviation							0.000	INR Zero Only
2.02	Commercial deviation							0.000	INR Zero Only
2.03	Commercial deviation							0.000	INR Zero Only
2.04	Commercial deviation							0.000	INR Zero Only
2.05	Commercial deviation							0.000	INR Zero Only
2.06	Commercial deviation							0.000	INR Zero Only
2.07	Commercial deviation							0.000	INR Zero Only
Total in Figures								0.00	INR Zero Only
Quoted Rate in Words		INR Zero Only							