

बी एच ई एल PROJECT:-2X800 MW TANGEDCO UPPUR-BTG TENDER ENQUIRY REF NO: PE/PG/UPP/E-5715/2017 Dated 21.09.2017 PACKAGE-BOQ CUM PRICE FORMAT FOR COLTCS																		
NAME OF VENDOR-					FOR INDIAN BIDDER								FOR FOREIGN BIDDERS					
SL NO (1)	ITEM DESCRIPTION AS PER TENDER BOQ (2)	HSN CODE (TO BE FILLED BY THE BIDDER) FOR EACH ITEM (3)	UOM (4)	ORDERED QUANTITY (5)	UNIT EX-WORKS PRICE (DULY PACKED) (INR) (6)	TOTAL EX- WORKS PRICE (DULY PACKED) (INR) (7)	FREIGHT CHARGES (8)		TOTAL PRICES (ex works + freight) (INR) (9)	APPLICABLE GST RATE IN % ON(TOTAL EX WORKS + FREIGHT) BOTH (INR) (10)		TOTAL PRICE F.O.R Prices with taxes (INR) (11)	Unit C&F Chennai Sea Port Price (Currency) (12)	Total C&F Chennai Sea Port Price (Currency) (13)	Charges for services at Sl. No. 1.2.1 & 1.2.2 (Currency) (14)	Applicable GST Rate in % On Site Activities (15)		GRAND TOTAL (16)
							@	% OF TOTAL EX WORKS (8A)		AMOUNT IN (INR) (8B) =[7X8A]	[7+8B]					GST RATE IN % ON(TOTAL EX WORKS + FREIGHT) (10A)	TOTAL AMOUNT IN (INR) (10B) [9X10A]	
1.0	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 FOUR (4) 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 including commission balls and special tools & tackles (as required) for erection & maintenance.		Sets	4.00														
	BREAK UP OF PRICES AT 1.0 (From 1.1 to 1.2)																	
1.1	Price for design, manufacture, inspection and testing, packing and delivery of COLTCS for one set complete with all accessories except for clause no. 1.2 &1.3 below		Sets	4.00											NA	NA	NA	
1.2	Lump sum price for following activity:																	
1.2.1	Installation checks & Commissioning		Sets	4.00			NA						NA					
1.2.2	PG test		Sets	4.00			NA						NA					
1.3	Lump sump price of Mandatory Spares as per Annexure-A		Lot	1.00														
GRAND TOTAL (IN FIGURES)																		
GRAND TOTAL (IN WORDS)																		
Note (as per NIT requirement/Technical Specification):-																		
a) Total price at sl. No. 1.1 plus sl. No. 1.2 plus sl. No. 1.3 should tally with total price given in Sl. No. 1.0 above																		
b) Unit price quoted by bidder, as above, shall be binding for any quantity variation, which is at discretion of purchaser.																		
c) Price of commissioning & erection spares and other accessories not listed above shall be included in price of equipment. Erection spares & other accessories to be supplied along with main equipment. Commissioning balls and other commissioning spares shall be supplied at the time of commissioning of COLTCS system.																		
Points for consideration before filling above price schedule-																		
1.PRICES SHALL BE FIRM UNLESS OTHERWISE SPECIFICALLY INDICATED IN NIT .																		
2. Vendor to mention HSN Code in specific Column for each item of BOQ.																		
3. Unless the context requires otherwise, in all tenders and tender related documents any reference to taxes such as ED, CST/VAT, Services. Tax etc. shall refer to GST as implemented by GOI w.e.f. 1.07.2017.																		
4. CGST/SGST/UGST/IGST shall be paid at actuals against documentary evidence but restricted to the amount and percentage in the order/contract.																		
5. In case, any GST credit is delayed/denied to BHEL due to non/delayed receipt of goods and/or tax invoice or expiry to timeline prescribed in the relevant Act for availing such ITC, or any other reasons not attributable to BHEL, tax amount shall be recoverable from the vendor/contractor along with interest levied/leviable on BHEL.																		
6. All taxes and duties other than CGST/SGST/UGST/IGST shall be deemed to be included in the Ex-Works prices unless specified otherwise by the bidder in the price bid. No variation in other taxes and duties shall be payable by Purchaser.																		

PROJECT:-2X800 MW TANGEDCO UPPUR-BTG TENDER ENQUIRY REF NO: PE/PG/UPP/E-5715/2017 Dated 21.09.2017 ANNEXURE-A : BOQ CUM PRICE FORMAT FOR COLTCS-MANDATORY SPARES														
NAME OF VENDOR- -----					FOR INDIAN BIDDER								FOR FOREIGN BIDDERS	
SL NO (1)	ITEM DESCRIPTION AS PER TENDER BOQ (2)	HSN CODE (TO BE FILLED BY THE BIDDER) FOR EACH ITEM (3)	UOM (4)	ORDERED QUANTITY (5)	UNIT EX-WORKS PRICE (DULY PACKED) (INR) (6)	TOTAL EX- WORKS PRICE (DULY PACKED) (INR) (7)	FREIGHT CHARGES (8)		TOTAL PRICES (ex works + freight) (INR) (9)	APPLICABLE GST RATE IN % ON(TOTAL EX WORKS + FREIGHT) BOTH (INR) (10)		TOTAL PRICE F.O.R Prices with taxes (INR) (11)	UNIT C&F Chennai Sea Port Price (Currency) (12)	Total C&F Chennai Sea Port Price (Currency) (13)
							@ % OF TOTAL EX WORKS (8A)	AMOUNT IN (INR) (8B) =[7X8A]		[7+8B]	GST RATE IN % ON(TOTAL EX WORKS + FREIGHT) (10A)			
1.0	MECHANICAL SPARES													
1.1	Sponge rubber balls for condenser on-load tube cleaning system		Nos.	50,000										
1.2	Abrasive balls for condenser on-load tube cleaning system		Nos.	20,000										
1.3	Worm gear assembly for Ball separator screen		Set	1										
1.4	Ball separator screen		Set	1										
2.0	C&I Spares			Quantity per 800 MW Unit (For C&I spares, the list of Spares is given for One unit of 800 MW. For 2 Units, quantities are to be doubled.)										
2.1	Measuring and Field Instruments													
2.1.1	Indicators, Recorders, Electrical Metering and Skid Mounted Instruments													
(i)	Indicators, recorders and meters offered from each model for the project. These instruments shall be supplied with three sets of blank scales.		Nos.	10 % of Installed of each type/Model or a minimum of one number for each model and type, whichever is more.										
(ii)	For skid mounted instruments		Nos.	10% of total number of instruments, valves, C&I equipment, C&I item etc. for each Type and model or a minimum of one number for each model and type, whichever is more.										
2.1.2	Temperature Transmitters and Electronic Transmitters (For Pressure, DP, Temp, Flow, Level), Process Transmitters, Level & Flow Transmitter for each type, Rota meters, Sight Flow indicators, Temperature, Pressure, Flow & Level Switch, safety & Protection switches, Gauges, Process meters, Junction Boxes, Position Transmitters/switches, Analysers, Transducer or any other instrument etc.		Nos.	i.) 10% of total number of each item offered for each model and type for the project or a minimum of one number, whichever is more. ii.) 10% of Electronic card/PCB assembly and power supply card/module for each type, model & rating of Transmitter, analysers & Flow Meters.										
2.1.3	Pressure gauge, solenoid valves, temperature gauge, Back Pressure regulating valves, 3 way grab valves, needle valves, isolation valves, PRV, flow switch, flow indicator and temperature switch, erection hardware's, valves in SWAS.		Nos.	Two (2) no. of each type										
2.2	Relay based Control Panels													
2.2.1	LEDs for indicating lights		Nos.	100% of qty installed.										
2.2.2	Control circuit fuses		Nos.	300% of installed of each type, current rating.										
2.2.3	Relays modules & contactors.		Nos.	20% spare of qty Installed of each type & rating.										
2.2.4	MCB/MCCB of each current rating		Nos.	Ten percent of each current rating required										
2.2.5	Cooling Fans of each type, model and rating.		Nos.	20% or 2 nos. of each type and rating, (whichever is more).										

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2.2.6	Push buttons, ILPBs		Nos.	Ten (10) percent or 2 nos (whichever is more) of each type.									
2.2.7	Electric meter.		Nos.	Ten (10) percent or 2 nos (whichever is more) of each type									
2.2.8	Power supply modules.		Nos.	Ten (10) percent or 2 nos (whichever is more) of each type									
2.3	Alarm Annunciation System												
2.3.1	logic modules, group card modules, power supply modules, Hooters and any other electronic module.		Nos.	20% spares of each type installed									
2.3.2	un-engraved window boxes complete with LED etc.		Nos.	5% spares of each size installed									
2.3.3	LEDs for annunciation facia windows and LEDs box assemblies offered for the project		Nos.	20% of qty installed									
2.3.4	Annunciator hooter		Nos.	One (1) No. of each type									
GRAND TOTAL (IN FIGURES)													
GRAND TOTAL (IN WORDS)													
Note (as per NIT requirement/Technical Specification) :-													
1. For C&I Mandatory Spare not covered above: Bidder to supply 10% or 1 no. (whichever is more) of each type of sensor/instrument, analyzers /special instruments/Electronic card, instrumentation/ mechanical fittings etc.													
2. For C&I spares, the list of Spares is given for One unit of 800 MW. For 2 Units, quantities are to be doubled.													
3. Wherever quantity has been specified percentage (%) the quantity of mandatory spares to be provided by the bidder shall be distributed into various ranges/size/rating/type (as the case may be) in the same proportion of the main population. In case the quantity so calculated happens to be fraction, the same should be rounded off to next higher whole number.													
4. Wherever the quantities have been indicated for each type, size, thickness, material, radius, range etc., these shall cover all items supplied and installed and the breakup for these shall be furnished in the bid.													
5. Incase spares indicated in the list are not applicable to the particular design offer by the bidder, the bidder should offer spares applicable to offered design with quantities generally in line with the approach followed in the above list.													
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5. In case, any GST credit is delayed/denied to BHEL due to non/delayed receipt of goods and/or tax invoice or expiry to timeline prescribed in the relevant Act for availing such ITC, or any other reasons not attributable to BHEL, tax amount shall be recoverable from the vendor/contractor along with interest levied/leviable on BHEL.													
6. All taxes and duties other than CGST/SGST/UGST/IGST shall be deemed to be included in the Ex-Works prices unless specified otherwise by the bidder in the price bid. No variation in other taxes and duties shall be payable by Purchaser.													