



PROJECT:-2X660MW ENNORE SEZ STPP PROJECT

TENDER ENQUIRY REF NO-PE/PG/EN1/E-5811/2017 Dated: 23.12.2017

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)	TYPE OF GST	TOTAL AMOUNT IN (INR) (10B) [9X10A]	[9+10B]				GST RATE IN % ON SERVICE PORTION (15A)	TOTAL AMOUNT IN (15B) [14X15A]	(13+14+15B)
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 1.3)																		
1.1	Price for design, manufacture, inspection and testing, packing and delivery of COLTCS complete with all accessories except for Sl. No.1.2 & 1.3 as 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												NA	NA	NA	
GRAND TOTAL (IN FIGURES)																			
GRAND TOTAL (IN WORDS)																			
Note (as per NIT requirement/Technical Specification),if any :-																			
a) Total price of Unit prices given above 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.																			
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.																			

ਬੀ ਐਚ ਡੀ ਈਸੀ PROJECT:-2X660MW ENNORE SEZ STPP PROJECT TENDER ENQUIRY REF NO-PE/PG/EN1/E-5811/2017 Dated: 23.12.2017 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]		GST RATE IN % ON(TOTAL EX WORKS + FREIGHT) (10A)	TYPE OF GST	TOTAL AMOUNT IN (INR) (10B) [9X10A]			
1	Ball Circulating Pump (Complete)		Set	1 Set											
2	415 V Motor														
2.1	Terminal plates		Nos.	10 Nos. each for small motors upto 30 kW & 4 Nos. each for more than 30 Kw											
2.2	Heaters		Set	2 Sets											
2.3	Greasing arrangements		Set	4 sets each type of motor											
2.4	Motor of each type and rating		Nos.	10% of the installed quantity or minimum 1 number whichever be higher											
2.5	Bearings (DE and NDE) for each type and rating of motor		Set	4 Sets											
3	C&I Spares														
3.1	Each type of lamps, PBs, ILPBs, fuse, MCB, MCCB used in the equipment/system.		Nos.	20% of installed of each type											
3.2	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											
3.3	For skid mounted instruments		Nos.	10 % of total no. of instruments for each type and Model or a minimum of one number for each model and type, whichever is more											
3.4	Temperature, Transmitters and Electronic Transmitters (For Pressure, DP, Temp, Flow, Level), Temperature, Pressure, Flow & Level Switch, safety switches, Gauges, meters, Transducer or any other instrument etc.		Nos.	10% of total number of Instruments/transducers offered for each model and type for the project											

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3.5	Hooters, Buzzers, Cooling fans of each type.		Nos.	or a minimum of one number, whichever is more.											
3.6	Interface cables		Set	Ten (10) percent or 2 no. (Whichever is more)											
3.7	Power supply modules (AC to DC Convertors)		Nos.	10% or Five no. (Whichever is more) of each type/model											
3.8	Relay based Control Panels														
3.8.1	LEDs for indicating lights		Nos.	10% of qty installed.											
3.8.2	Control circuit fuses/MCB/MCCB/ Semiconductor Fuses		Nos.	300% of installed of each type, current rating.											
3.8.3	Relays modules & contactors.		Nos.	20% spare of qty Installed of each type & rating.											
3.9	Alarm Annunciation System														
3.9.1	logic modules, group card modules, power supply modules, Hooters and any other electronic module.		Nos.	20% spares of each type installed											
3.9.2	un-engraved window boxes complete with LED etc.		Nos.	5% spares of each type installed											
3.9.3	LEDs for annunciation facia windows and LEDs box assemblies offered for the project		Nos.	20% of qty installed											
3.9.4	Annunciator hooter		Nos.	One (1) No. of each type											
3.1	Erection Hardware														
3.10.1	Instrument valves		Nos.	Ten (10) percent of each type & Size installed											
3.10.2	Condensate pots of each type & Size installed		Nos.	Ten (10) percent of total number of Installed or four numbers whichever is higher .											
3.10.3	Manifold		Nos.	Ten (10) percent of each type & Size installed											
3.10.4	Fittings		Nos.	Ten (10) percent of each type & Size installed											
3.11	C&I Mandatory Spare not covered above under S.No. 3.1 to 3.10		Nos.	10% or 1 no. (whichever is more) of each type of sensor/instrument, instrumentation/mechanical fittings etc for any other electronic system (as applicable)											
GRAND TOTAL (IN FIGURES)															
GRAND TOTAL (IN WORDS)															
Note (as per NIT requirement/Technical Specification),if any :-															
1(a). All Spares mentioned at S.No. 1 & 2 are for 2x660 MW units (i.e for complete station). 1(b). All Spares mentioned at S.No. 3 are for each 660 MW unit (i.e per Unit).															

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2. Spares not applicable for the Package to be specifically quoted as “NOT APPLICABLE”												
3. 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.												
4. Wherever % is indicated for the mandatory spares, the quantity shall be calculated for % of supply for total quantity for station, 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.												
5. In case spares indicated in the list are not applicable to the particular design offered by the bidder, the bidder should offer spares applicable to offered design with Quantities generally in line with the specification.												
6. In respect of quantity mentioned as 'Set' means the total quantity of all the components/items used in particular equipment unless otherwise specified.												
7. Each spare shall be clearly marked and labelled on the outside of the packing with its description. When more than one spare part is packed in single case, a general description of the contents shall be shown on the outside of such case and a detailed list enclosed. All cases, containers and other packages must be suitably marked and numbered for the purpose of identification.												
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