



TENDER ENQUIRY REF NO-PE/PG/TAN/E-5712/2017 Dated: 20.09.2017

PACKAGE-BOQ CUM PRICE FORMAT FOR COLTCS

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ଶ୍ରୀ ପଦ୍ମ ଚିହ୍ନ  PROJECT:-1X800MW TANGEDCO NORTH CHENNAI (STAGE-III) BTG PROJECT TENDER ENQUIRY REF NO-PE/PG/TAN/E-5712/2017 Dated: 20.09.2017 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	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	Measuring Instruments - Indicators, Recorders, Electrical Metering and Skid, Mounted Instruments.													
3.2.1	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										
3.2.2	Skid mounted instruments (if any)		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										

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3.3	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 or a minimum of one number, whichever is more.										
3.4	Relay based Control Panels													
3.4.1	LEDs for indicating lights		Nos.	10% of qty installed.										
3.4.2	Control circuit fuses/MCB/MCCB		Nos.	Three times, 300% of installed of each current rating.										
3.4.3	Relays modules & contactors.		Nos.	20% spare of qty Installed of each type										
3.5	Alarm Annunciation System													
3.5.1	logic modules, group card modules, power supply modules, Hooters and any other electronic module.		Nos.	20% spares of each type installed										
3.5.2	un-engraved window boxes complete with LED etc.		Nos.	5% spares of each type installed										
3.5.3	LEDs for annunciation facia windows and LEDs box assemblies offered for the project		Nos.	20% of qty installed										
3.5.4	Annunciator hooter		Nos.	One (1) No. of each type										
3.6	Erection Hardware													
3.6.1	Instrument valves, manifold for each type, rating, model number and size of devices supplied for the project		Nos.	Ten (10) percent of each type & Size installed										
3.6.2	Condensate pots of each type & Size installed		Nos.	Ten (10) percent of total number of Installed or four numbers whichever is higher .										
3.6.3	Fittings		Nos.	Ten (10) percent of each type & Size installed										
GRAND TOTAL (IN FIGURES)														
GRAND TOTAL (IN WORDS)														
Note (as per NIT requirement/Technical Specification),if any :-														
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. for any other electronic system, feeder control cabinets, hydra step (EWLI), Vibration Monitoring System, CCTV, C&I Lab Instruments, On line Carbon in Ash analyser system, On line Coal mass flow/speed measurement system, On line secondary air flow measurement system Mass Flow meter, Solid flow meter, 3 D Acoustic type level transmitters, Nucleonic & non nucleonic density transmitter etc.														

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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 quantity has been specified as percentage (%), it shall mean percentage (%) of the total population of the item in the station (project), unless specified otherwise and the fraction will be rounded off to the next higher whole number												
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.												
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.												