

5x800 MW YADADRI TPS						
BOQ for Breakup of Stage Wise Quantity						
SL NO	ITEM DESCRIPTION	UOM	HSN CODE	TOTAL QTY. FOR STAGE- I (Unit 1 &2) + STAGE-2 (Unit-3,4 & 5)	QUANTITY FOR STAGE- I (Unit 1 &2)	QUANTITY FOR STAGE- 2 (Unit-3,4 & 5)
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 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.	SETs		10	4	6
	MAJOR BREAKUP OF PRICES GIVEN IN 1.0 ABOVE					
2.0	Design, manufacture, inspection and testing, packing and delivery of COLTCS complete with all accessories except for clause no. 3.0, 4.0 & 5.0 below					
2.1	COLTCS F-NW S-2700 C-DCS	Nos	8479	10	4	6
2.2	E&C SPARES (as required)	SET	8479	1		

5x800 MW YADADRI TPS						
BOQ for Breakup of Stage Wise Quantity						
SL NO	ITEM DESCRIPTION	UOM	HSN CODE	TOTAL QTY. FOR STAGE- I (Unit 1 &2) + STAGE-2 (Unit-3,4 & 5)	QUANTITY FOR STAGE- I (Unit 1 &2)	QUANTITY FOR STAGE- 2 (Unit-3,4 & 5)
3.0	Mandatory spares (as per Annexure-B)	SET	8479	1		
4.0	Installation checks & Commissioning					
4.1	Lump sum visit charges for engineer including travel (except daily charges)	Visits	99833	10	4	6
4.2	Lump Sum daily charges for engineer including boarding/lodging, local conveyance, medical, insurance etc.	Mandays	99833	30	12	18
5.0	Trial Run & PG test					
5.1	Lump sum visit charges for engineer including travel (except daily charges)	Visits	99833	10	4	6
5.2	Lump Sum daily charges for engineer including boarding/lodging, local conveyance, medical, insurance etc.	Mandays	99833	200	80	120

5x800 MW YADADRI TPS				
LIST OF MANDATORY SPARES OF COLTCS (ANNEXURE-B)				
SL NO	DESCRIPTION	UOM	TOTAL QTY. FOR STAGE-I (Unit 1 &2) + STAGE-2 (Unit-3,4 & 5)	HSN CODE
1	Valve Complete Assembly	LOT	2 LOTS (10% of each type and size of total population or minimum 1(one) No. whichever is higher= 1 LOT)	8479
1.1	Complete set of Pump without motor	LOT	2 LOTS One (1) Complete set= 1 LOT	8479
1.2	Normal Sponge Rubber Balls & Abrasive Balls	LOT	2 LOTS for one year operation of one COLTCS = 1 LOT	8479
2	Field Instruments			
2.1	Transmitters/ Gauges/Switches etc. along with relevant accessories	LOT	2 LOTS (10% of total or at least two (whichever is higher) for each type along with accessories. = 1 LOT)	8479
2.2	Temperature element/RTD	LOT	2 LOTS (10% of each type, range and immersion length. Or Minimum 5 nos.= 1 LOT)	8479
2.3	Furnace Temperature Probe	LOT	2 LOTS (Thermocouple 1 no. = 1 LOT)	8479
3	Control Panel/ Desk			
3.1	Back up panel mounted devices (selector switched/push buttons/indicators etc.)	LOT	2 LOTS (5% of installed capacity= 1 LOT)	8479
3.2	Lamps/ LEDs	LOT	2 LOTS (100% of the total quantity =1 LOT)	8479

5x800 MW YADADRI TPS				
LIST OF MANDATORY SPARES OF COLTCS (ANNEXURE-B)				
SL NO	DESCRIPTION	UOM	TOTAL QTY. FOR STAGE-I (Unit 1 &2) + STAGE-2 (Unit-3,4 & 5)	HSN CODE
3.3	Blank Tiles	LOT	2 LOTS (10% of installed capacity =1 LOT)	8479
3.4	MCBs	LOT	2 LOTS (10% of each type & rating =1 LOT)	8479
3.5	Fuses/ Fuse holder	LOT	2 LOTS (100% of each type & rating =1 LOT)	8479
4	Annunciation System			
4.1	Each type of module	LOT	2 LOTS (1(one) No. each = 1 LOT)	8479
4.2	Lamp Box with Facia & Lamps (LED type)	LOT	2 LOTS (5 (five) Nos. = 1 LOT)	8479
4.3	Hooter	LOT	2 LOTS (1 (one) No.= 1 LOT)	8479
5	415 Volt Motor (Upto 30KW Rating)			
5.1	Driving End & Non-Driving End Bearing	LOT	2 LOTS (3 Set for each type and rating of Motor = 1 LOT)	8479
5.2	Cooling Fan	LOT	2 LOTS (2 No. for each type and rating of Motor = 1 LOT)	8479
5.3	Motor Terminal Block	LOT	2 LOTS (5 No. for each type and rating of Motor = 1 LOT)	8479
5.4	Complete Set of Coupling	LOT	2 LOTS (1 Set for each Application = 1 LOT)	8479