

BOQ CUM PRICE SCHEDULE FOR CHEMICAL DOSING SYSTEM(FOR INDIAN BIDDER)

S.No	ITEM DESCRIPTION	HSN CODE	UNIT	Order QTY. For STAGE-1(unt-1&2)+ STAGE-2(unt-3,4&5)	QUANTITY FOR STAGE-1(unt-1 & 2)	QUANTITY FOR STAGE- 2(unt-3,4 & 5)	UNIT EX- WORKS PRICE (Rs.)	TOTAL EX-WORKS PRICE (Rs.)	FREIGHT CHARGES		TOTAL PRICES (ex work+ freight) (INR)	APPLICABLE GST RATE IN % ON(TOTAL EX WORKS + FREIGHT) BOTH (INR)			TOTAL PRICE F.O.R Prices with taxes (INR)
									% OF TOTAL EX WORKS	AMOUNT IN (INR)		APPLICABLE GST RATE IN % ON(TOTAL EX WORKS + FREIGHT) BOTH (INR)	TYPE OF GST APPLICABLE (IGST/CGST + SGST/UTGST)	GST on (Total Ex Works+freight)	
1	Total lump sum firm price inclusive of all prevailing taxes, duties and other levies for SUPPLY PART & MANDATORY SPARES; design (i.e. preparation and submission of drawing documents including 'As Built' drawings and O&M manuals), engineering, manufacture, fabrication, assembly, inspection / testing at vendor's & sub-vendor's works, painting, forwarding, proper packing, shipment, delivery at site & guarantee as per tender technical specification above, amendment & agreements till placement of order. (Price break up of Mandatory spares is to be furnished as per Annexure- I).	3	4	5	6	7	8	9	10A	10B=9x10A	11=9+10B	12A	12B	12C=11x12A	13=12Cx11
1.0		Set	1												
2.0	MAJOR BREAK-UP OF PRICES GIVEN IN SL. NO. 1.0 ABOVE														
2.1	Prices inclusive of all prevailing taxes, duties and other levies for SUPPLY PART comprising of design (i.e. preparation and submission of drawing documents including 'As Built' drawings and O&M manuals), engineering, manufacture, fabrication, assembly, inspection (testing at vendor's & sub-vendor's works, painting, maintenance tools & tackles (as applicable), fill of lubricants & consumables(excluding chemicals), forwarding proper packing, shipment and delivery at site for project and package specified above complete with all accessories for following items for the total scope defined as per BHEL NIT & tender technical specification, amendment & agreements till placement of order.		Set	1											
2.1.1	Hydrazine dosing skid	84041000	NOS.	5	2	3									
2.1.2	Ammonia dosing skid	84041000	NOS.	5	2	3									
2.1.3	NaOH dosing skid	84041000	NOS.	5	2	3									
	MANDATORY SPARES														
2.2	Total lumpsum firm price inclusive of all prevailing taxes, duties and other levies for Mandatory spares comprising of manufacture, fabrication, assembly, inspection / testing (as applicable) at vendor's & sub-vendor's works, painting, forwarding, proper packing, shipment, delivery at site & guarantee as per tender technical specification above, amendment & agreements till placement of order. (Price break up of Mandatory spares is to be furnished as per Annexure- I).	84041000	SET	1	TOTAL QUANTITY FOR BOTH STAGE (STAGE-1&2)										
3	GRAND TOTAL(i.e. 2.1+2.2)														

NOTES:-

- a) The values indicated at sum of 1.0 should match with their breakup in case of any discrepancy, the evaluation shall be done as per cl.no. 9.D of GCC Rev-06(instruction to bidders)
- b) Price of commissioning spares and other accessories not listed above shall be included in price of equipment & shall be supplied as per Technical Specification.

Sachin Gupta
09.04.19
Sr Engr (P-2)

5X800 MW YADADRI TPS
Mandatory Spares List for CHEMICAL DOSING SYSTEM Package
MANDATORY SPARES (FOR INDIAN BIDDER)

SL NO	DESCRIPTION	HSN CODE	UNITS	Order QTY. For STAGE-1(Unit 1&2)+STAGE-2(Unit-3,4&5)	QUANTITY FOR STAGE-1 (Unit-1 & 2)	QUANTITY FOR STAGE-2 (Unit-3, 4 & 5)	UNIT EX-WORKS PRICE (Rs.)	TOTAL EX-WORKS PRICE (Rs.)	FREIGHT CHARGES		TOTAL PRICES (ex works + freight) (INR)	APPLICABLE GST RATE IN % ON TOTAL EX WORKS + FREIGHT BOTH (INR)			TOTAL PRICE F.O.R Prices with taxes (INR)	
1	2	3	4	5	6	7	8	9	% OF TOTAL EX WORKS	AMOUNT IN (INR)	11	12A	12B	12C=11x12A	13=12Cx11	
A) Mechanical Items																
1.1	Piston Ring (Guide Ring)	84041000	Sets	4 Sets for each type and Duty of Pump	TOTAL QUANTITY FOR BOTH STAGES											
1.2	Piston (Plunger)	84041000	Sets	4 Sets for each type and Duty of Pump												
1.3	Seals and other Wear out Part	84041000	Sets	2 Sets for each type and Duty of Pump												
1.4	Complete Set of Bearings	84041000	Sets	2 Sets for each type and Duty of Pump												
1.5	Crank Shaft	84041000	Sets	2 Sets for each type and Duty of Pump												
1.6	Cross Head Assembly	84041000	Sets	2 Sets for each type and Duty of Pump												
1.7	Connecting Rod Plate	84041000	Sets	2 Sets for each type and Duty of Pump												
1.8	Complete Set of Valves	84041000	Nos.	20% of the total quantity used for each unit for each type and Size or Minimum 2 Nos whichever is higher.												
1.9	Strainer	84041000	Nos.	2 Nos. For each type, size and duty.												
B) Electrical Items																
1.1	Complete Set of Motor	84041000	Nos.	2 Nos. for each type, Duty and application												
1.2	Driving End & Non-Driving End Bearing	84041000	Sets	6 Set for each type and rating of Motor												
1.3	Cooling Fan	84041000	Nos.	4 No. for each type and rating of Motor												
1.4	Motor Terminal Block	84041000	Nos.	10 No. for each type and rating of Motor												
1.5	Complete Set of Coupling	84041000	Sets	2 Set for each Application												
C) Cell Spares																
1.1	Transmitters/ Gauges/Switches etc. along with relevant accessories	84041000	Nos.	20% of total or at least 2 Nos (whichever is higher) for Each type along with accessories.												
1.2 Solenoid Valves																
1.2.1	Solenoid Valve Coil	84041000	Nos.	4 nos. of each rating & insulation												
1.2.2	Plunger	84041000	Nos.	2 nos. of each type												
1.2.3	Seat	84041000	Nos.	4 nos. of each type & size												
1.2.4	Gaskets	84041000	Sets	4 sets of each type & size												
1.2.5	O-Ring set	84041000	Sets	10 sets of each type & size												
GRAND TOTAL																

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.

Sachin Gupta
09.04.19
Sr. Enr (P5-2)

BOQ CUM PRICE SCHEDULE FOR CHEMICAL DOSING SYSTEM(FOR FOREIGN BIDDER)									
S.No	ITEM DESCRIPTION	HSN CODE	UNIT	Order QTY. For STAGE-1(Unit-1&2)+ STAGE-2(Unit-3,4&5)	QUANTITY FOR STAGE-1(Unit-1 & 2)	QUANTITY FOR STAGE- 2(Unit-3,4 & 5)	Unit C & F - PRICE At Mumbai Sea Port (Currency)	TOTAL C & F - PRICE At Mumbai Sea Port (Currency)	
1	2	3	4	5	6	7	8	9	
1.0	Total lump sum firm price inclusive of all prevailing taxes, duties and other levies for SUPPLY PART & MANDATORY SPARES, design (i.e. preparation and submission of drawing /documents including "As Built" drawings and O&M manuals), engineering, manufacture, fabrication, assembly, inspection / testing at vendor's & sub-vendor's works, painting, maintenance tools & tackles (as applicable), fill of lubricants & consumables (excluding chemicals), Mandatory spares, startup and commissioning spares, forwarding, proper packing, shipment and delivery at site for project and package specified above complete with all accessories for the total scope defined as per BHEL NIT & tender technical specification, amendment & agreements till placement of order.								
2.0	MAJOR BREAK-UP OF PRICES GIVEN IN SL. NO. 1.0 ABOVE								
2.1	Prices inclusive of all prevailing taxes, duties and other levies for SUPPLY PART comprising of design (i.e. preparation and submission of drawing /documents including "As Built" drawings and O&M manuals), engineering, manufacture, fabrication, assembly, inspection / testing at vendor's & sub-vendor's works, painting, maintenance tools & tackles (as applicable), fill of lubricants & consumables(excluding chemicals), alongwith spares for erection as required, startup and commissioning spares, forwarding, proper packing, shipment and delivery at site for project and package specified above complete with all accessories for following items for the total scope defined as per BHEL NIT & tender technical specification, amendment & agreements till placement of order.								
2.1.1	Hydrazine dosing skid	84041000	NOS.	5	2	3			
2.1.2	Ammonia dosing skid	84041000	NOS.	5	2	3			
2.1.3	NaOH dosing skid	84041000	NOS.	5	2	3			
MANDATORY SPARES									
2.2	Total lumpsum firm price inclusive of all prevailing taxes, duties and other levies for Mandatory spares comprising of manufacture, fabrication, assembly, inspection / testing (as applicable) at vendor's & sub-vendor's works, painting, forwarding, proper packing, shipment, delivery at site & guarantee as per tender technical specification above, amendment & agreements till placement of order. (Price break up of Mandatory spares is to be furnished as per Annexure-1).	84041000	SET	1	TOTAL QUANTITY FOR BOTH STAGE (STAGE-1&2)				
3	GRAND TOTAL(i.e. 2.1+2.2)								

NOTES:-

- a) The values indicated at sum of 1.0 should match with their breakup. In case of any discrepancy, the evaluation shall be done as per cl.no. 9.0 of GCC Rev-06(Instruction to bidders)
- b) Price of commissioning spares and other accessories not listed above shall be included in price of equipment & shall be supplied as per Technical Specification.

Sachin Gupta
090419
Sr Enr (PS-2)

5X800 MW YADADRI TPS
Mandatory Spares List for CHEMICAL DOSING SYSTEM Package
MANDATORY SPARES (FOR FOREIGN BIDDER)

SL NO	DESCRIPTION	HSN CODE	UNITS	Order QTY. For STAGE-1(Unit 1&2)+STAGE-2(Unit-3,4&5)	QUANTITY FOR STAGE-1 (Unit-1 & 2)	QUANTITY FOR STAGE-2 (Unit-3,4 & 5)	Unit C & F PRICE At Mumbai Sea Port (Currency)	TOTAL C & F - PRICE At Mumbai Sea Port (Currency)
1	2	3	4	5	6	7	8	9
A) Mechanical Items								
1.1	Piston Ring (Guide Ring)	84041000	Sets	4 Sets for each type and Duty of Pump	TOTAL QUANTITY FOR BOTH STAGES			
1.2	Piston (Plunger)	84041000	Sets	4 Sets for each type and Duty of Pump				
1.3	Seals and other Wear out Part	84041000	Sets	2 Sets for each type and Duty of Pump				
1.4	Complete Set of Bearings	84041000	Sets	2 Sets for each type and Duty of Pump				
1.5	Crank Shaft	84041000	Sets	2 Sets for each type and Duty of Pump				
1.6	Cross Head Assembly	84041000	Sets	2 Sets for each type and Duty of Pump				
1.7	Connecting Rod Plate	84041000	Sets	2 Sets for each type and Duty of Pump				
1.8	Complete Set of Valves	84041000	Nos.	20% of the total quantity used for each unit for each type and Size or Minimum 2 Nos whichever is higher.				
1.9	Strainer	84041000	Nos.	2 Nos. for each type, size and duty.				
B) Electrical Items								
1.1	Complete Set of Motor	84041000	Nos.	2 Nos. for each type, Duty and application				
1.2	Driving End & Non-Driving End Bearing	84041000	Sets	6 Set for each type and rating of Motor				
1.3	Cooling Fan	84041000	Nos.	4 No. for each type and rating of Motor				
1.4	Motor Terminal Block	84041000	Nos.	10 No. for each type and rating of Motor				
1.5	Complete Set of Coupling	84041000	Sets	2 Set for each Application				
C) C&I Spares								
1.1	Transmitters/ Gauges/Switches etc. along with relevant accessories	84041000	Nos.	20% of total or at least 2 Nos (whichever is higher) for Each type along with accessories.				
1.2	Solenoid Valves							
1.2.1	Solenoid Valve Coil	84041000	Nos.	4 nos. of each rating & insulation				
1.2.2	Plunger	84041000	Nos.	2 nos. of each type				
1.2.3	Seat	84041000	Nos.	4 nos. of each type & size				
1.2.4	Gaskets	84041000	Sets	4 sets of each type & size				
1.2.5	O-Ring set	84041000	Sets	10 sets of each type & size				
GRAND TOTAL								

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.

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