

**ANNEXURE-IB, BOQ CUM PRICE SCHEDULE FOR MANDATORY SPARES****PROJECT:- 1X800 MW APGENCO VIJAYWADA UNIT-8-BTG****TENDER ENQUIRY REF NO-PE/PG/APG/E-5694/2017 DATE 05.09.2017****PACKAGE-AUX. PRDS**

CONTROL VALVES & ACCESSORIES				APPLICABLE FOR INDIAN BIDDERS (PRICES IN INR)							APPLICABLE FOR FOREIGN BIDDERS (BIDDER TO INDICATE THEIR CURRENCY)		
SL. NO. (1)	ITEM DESCRIPTION (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 MUMBAI SEA PORT PRICE (CURRENCY.....)	TOTAL C&F MUMBAI SEA PORT PRICE (CURRENCY.....)
	MANDATORY SPARES						@ % OF TOTAL EX WORKS (8A)	AMOUNT IN (INR) (8B) = [7X8A]	[7+8B]	GST RATE IN % ON TOTAL EX WORKS + FREIGHT) (10A)	[9+10B]		
B	Mandatory spare as per the list furnished under cl. No.1.5 (iv) for Section-1, Page 7 of 17 of tech Spec. Item wise breakup with item wise price to be given.Price not to be included in clause A.4 above.												
B.1	Mandatory Spares for High Capacity PRDS Sys (AS-22)												
a)	Pilot Relay		NO.	1 set for each valve									
b)	Actuator Diaphragm		NO.	1 no. for each valve									
c)	Feedback Linkage		NO.	1 no. for each valve									
d)	Smart Positioner		NO.	10% of total quantity of each model/type Position transmitter to be offered									
e)	I/P Converter (if any)		NO.	10% of total quantity or minimum 1 no.									
f)	Complete Consumables for Valve Viz. O-ring, Gland Packing, Packing Ring, Bonnet Seal etc		NO.	1 Sets each size, rating, type									
g)	Valve Disc		NO.	2 Sets each size, rating, type									
h)	Valve Spindle		NO.	2 Sets each size, rating, type									
i)	Valve Seat		NO.	2 Sets each size, rating, type									
j)	Bush		NO.	2 Sets each size, rating, type									
k)	Guide		NO.	2 Sets each size, rating, type									
l)	Guide Bush		NO.	2 Sets each size, rating, type									
m)	Coupling Nut		NO.	2 Sets each size, rating, type									
n)	Actuator Piston with Rod & Seal		NO.	2 Sets each size, rating, type									

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CONTROL VALVES & ACCESSORIES			APPLICABLE FOR INDIAN BIDDERS (PRICES IN INR)							APPLICABLE FOR FOREIGN BIDDERS (BIDDER TO INDICATE THEIR CURRENCY)			
SL. NO. (1)	ITEM DESCRIPTION (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) @ % OF TOTAL EX WORKS (8A) AMOUNT IN (INR) (8B) =[7X8A]		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 MUMBAI SEA PORT PRICE (CURRENCY.....)	TOTAL C&F MUMBAI SEA PORT PRICE (CURRENCY.....)
	MANDATORY SPARES												
o)	Control valve stem packing and spare operator moulded rubber diaphragms		NO.	1 set for each size, rating, type							[9+10B]		
p)	Valve trim (including cage, plug, stem, seat rings, guide bushings etc.) for each of the control valves as offered.		NO.	1 set for each size, rating, type									
q)	Solenoid valves, position transmitters, limit switches, I/P converters, positioners etc of each type		NO.	10% of total quantity spare with minimum 1 no. for each size, rating, type									
B.2	Mandatory Spares for LC PRV Sys (AS-26)												
a)	Pilot Relay		NO.	1 set for each valve									
b)	Actuator Diaphragm		NO.	1 no. for each valve									
c)	Feedback Linkage		NO.	1 no. for each valve									
d)	Smart Positioner		NO.	10% of total quantity of each model/type Position transmitter to be offered									
e)	I/P Converter (if any)		NO.	10% of total quantity or minimum 1no.									
f)	Complete Consumables for Valve Viz. O-ring, Gland Packing, Packing Ring, Bonnet Seal etc		NO.	1 Sets each size, rating, type									
g)	Valve Disc		NO.	2 Sets each size, rating, type									
h)	Valve Spindle		NO.	2 Sets each size, rating, type									
i)	Valve Seat		NO.	2 Sets each size, rating, type									
j)	Bush		NO.	2 Sets each size, rating, type									
k)	Guide		NO.	2 Sets each size, rating, type									
l)	Guide Bush		NO.	2 Sets each size, rating, type									
m)	Coupling Nut		NO.	2 Sets each size, rating, type									



ANNEXURE-IB, BOQ CUM PRICE SCHEDULE FOR MANDATORY SPARES

PROJECT:- 1X800 MW APGENCO VIJAYWADA UNIT-8-BTG

TENDER ENQUIRY REF NO-PE/PG/APG/E-5694/2017 DATE 05.09.2017

PACKAGE-AUX. PRDS

CONTROL VALVES & ACCESSORIES					APPLICABLE FOR INDIAN BIDDERS (PRICES IN INR)							APPLICABLE FOR FOREIGN BIDDERS (BIDDER TO INDICATE THEIR CURRENCY)	
SL. NO. (1)	ITEM DESCRIPTION (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 (10)	TOTAL PRICE F.O.R PRICES WITH TAXES (INR) (11)	UNIT C&F MUMBAI SEA PORT PRICE (CURRENCY.....)	TOTAL C&F MUMBAI SEA PORT PRICE (CURRENCY.....)	
													@ % OF TOTAL EX WORKS (8A)
n)	Actuator Piston with Rod & Seal		NO.	2 Sets each size, rating, type				[7+8B]		[9+10B]			
o)	Control valve stem packing and spare operator moulded rubber diaphragms		NO.	1 set for each size, rating, type									
p)	Valve trim (including cage, plug, stem, seat rings, guide bushings etc.) for each of the control valves as offered.		NO.	1 set for each size, rating, type									
q)	Solenoid valves, position transmitters, limit switches, I/P convertors, positioners etc of each type		NO.	10% of total quantity spare with minimum 1 no. for each size, rating, type									
B.4	ORDERING VALUE (B.1 to B.3)												

NOTE-

- PLEASE REFER TECHNICAL SPECIFICATION PE-TS-419/420-142-N101.
- EACH CONTROL VALVE SHALL BE SUPPLIED WITH THE ACCESSORIES SPECIFIED IN THE RELEVANT DATA SHEETS IN TECHNICAL SPECIFICATION (i.e. commissioning Spares (Gasket+ Gland (stem) packing) & SS Tubing)
- POINTS FOR CONSIDERATION BEFORE FILLING ABOVE PRICE SCHEDULE-
 - Prices Shall Be Firm Unless Otherwise Specifically Indicated In NIT .
 - Vendor to mention HSN Code in specific Column for each item of BOQ.
 - In case of discrepancy in GST rate corresponding to HSN code and quoted GST, the evaluation shall be done on quoted price and correct GST rate shall be considered for ordering (limited to quoted FOR Site price)
 - 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.
 - CGST/SGST/IGST shall be paid at actuals against documentary evidence but restricted to the amount and percentage in the order/contract.
 - 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.
- All taxes and duties other than CGST/SGST/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.

Signature
 Digitally signed by *Signature*
 DN: cn=*Signature*, o=*Signature*, ou=*Signature*, email=*Signature*, c=*Signature*