

ANDHRA PRADESH POWER GENERATION CORPORATION LTD
Dr. NARLA TATA RAO THERMAL POWER STATION, VIJAYAWADA
PURCHASE REQUISITION FOR MATERIAL

PR Doc : ZNB Material PR

Budget Head : FUNDCENTRE - Fund Centre

PR No. : 1000056788

Reference : P T-0004.04

Estimated Value : 5.00

PR Date : 08.09.2025

Division : EE/E&M/CONS/DIV2/STG-V

Status : Not Yet Sanctioned

PR Released

Brief Description : Indent for Procurement of Hydraulic Cylinders (HPCV, HPSV, IPCV, IPSV & OLV Actuators) in Main Turbine of TM&CAM Division, Dr. NTPPS, 800MW Unit Stage-V

SNo	Material Code	Material Description	UOM	Installed Qty	StockQty	ReOrder Level	Req Qty	Estimated Rates	Last Purc. Price	Req Del Date
1	100188976	HYDRAULIC CYLINDER HPCV OF ACTUATOR POSITION NO: 0300-HPCV, MODEL : CGE1MF3/230/ 90/..80F20/G7GASSTC-D902096, Part No.:R920052216, with Assembly Kit CGE1-2X/ZUBE.D902096, Part No.:R920052217 Make: Bosch Rexroth	NO				1	1.00	0.00	10.10.2025
2	100188977	HYDRAULIC CYLINDER HPSV OF ACTUATOR POSITION NO: 0100-HPSV, MODEL :CGE1MF3/210/ 90/.100F20/G6GASSTC-D902095, P/N:R920052214, with Assembly Kit CGE1-2X/ZUBE.D902095, Part No.:R920052215 Make: Bosch Rexroth	NO				1	1.00	0.00	10.10.2025
3	100188978	HYDRAULIC CYLINDER IPCV OF ACTUATOR POSITION NO. 0700-IPCV, MODEL NO:CGE1MF3/200/ 90/.170F20/G7GASSTC-D902099, P/N:R920052222, with Assembly Kit CGE1-2X/ZUBE.D902099, Part No.:R920052223 Make: Bosch Rexroth	NO				1	1.00	0.00	10.10.2025
4	100188979	HYDRAULIC CYLINDER IPSV OF ACTUATOR POSITION NO. 0500-IPSV, MODEL NO:CGE1MF3/160/ 90/.208F20/G6GASSTC-D902098, P/N:R920052220, with Assembly Kit CGE1-2X/ZUBE.D902098, Part No.:R920052221 Make: Bosch Rexroth	NO				1	1.00	0.00	10.10.2025
5	100188980	HYDRAULIC CYLINDER OLV OF	NO				1	1.00	0.00	10.10.2025

SNo	Material Code	Material Description	UOM	Installed Qty	StockQty	ReOrder Level	Req Qty	Estimated Rates	Last Purc. Price	Req Del Date
		ACTUATOR POSITION NO. 0900-OLV, MODEL NO:CGE1MF3/160/ 90/..50F20/G5GASSTC-D902097, Part No:R920052218, with Assembly Kit CGE1-2X/ZUBE.D902097, Part No.:R920052219 Make: Bosch Rexroth								

As per Delegation of Power Clause :

Justification of PR:

The hydraulic cylinders of HPCV, HPSV, IPCV, IPSV, and OLV actuators in the main turbine are critical for governing valve operations and safe turbine control. Existing cylinders have reached the end of their service life and are prone to leakage and operational issues. Procurement of new actuator hydraulic cylinders is essential to ensure reliable turbine operation, avoid forced outages, and maintain plant efficiency.

Enclosure:

DMS No :