

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

PR Doc : ZNB Material PR

Reference : K 0045305803

Division : S5-TM-DIV

Budget Head : NOBUDGET - No Budget

Estimated Value : 14,487,583.00

Status : Not Yet Sanctioned

PR No. : 1000052908

PR Date : 03.12.2024

PR Released

Brief Description : Pocurement of Nash AT 3006 Vacuum Pump materials for Main Turbine of Dr.NTPPS, 800MW unit of stage#V

SNo	Material Code	Material Description	UOM	Installed Qty	StockQty	ReOrder Level	Req Qty	Estimated Rates	Last Purc. Price	Req Del Date
1	100184002	FIRST STAGE BODY FOR VACUUM PUMP,MODEL:AT 3006, PART NO.101	NO				1	1,692,798.00	0.00	03.01.2025
2	100184003	FLOATING BEARING END HEAD FOR VACUUM PUMP,MODEL:AT 3006, PART NO.102	NO				1	878,572.00	0.00	03.01.2025
3	100184004	FIXED BEARING END HEAD FOR VACUUM PUMP,MODEL:AT 3006, PART NO.103	NO				1	878,572.00	0.00	03.01.2025
4	100184005	FLOATING BEARING END CONE FOR VACUUM PUMP,MODEL:AT 3006, PART NO.104	NO				1	623,114.00	0.00	03.01.2025
5	100184006	FIXED BEARING END CONE FOR VACUUM PUMP ,MODEL:AT 3006, PART NO.105	NO				1	623,114.00	0.00	03.01.2025
6	100184007	IMPELLER ASSEMBLY (CI) CONSISTING OF:- ROTOR- SHAFT- SHAFT KEY VACUUM PUMP,MODEL:AT 3006 , PART NO.110/111/111-1	NO				1	3,342,535.00	0.00	03.01.2025
7	100184008	PACKING GLAND ASSEMBLY FOR VACUUM PUMP,MODEL:AT 3006, PART NO.112	NO				2	93,851.00	0.00	03.01.2025
8	100184009	FLOATING BEARING OUTER CAP FOR VACUUM PUMP,MODEL:AT 3006, PART NO.115	NO				2	51,599.00	0.00	03.01.2025
9	100184010	FLOATING BEARING INNER CAP FOR VACUUM PUMP,MODEL:AT 3006, PART NO.116	NO				2	49,275.00	0.00	03.01.2025

SNo	Material Code	Material Description	UOM	Installed Qty	StockQty	ReOrder Level	Req Qty	Estimated Rates	Last Purc. Price	Req Del Date
10	100184011	FIXED BEARING OUTER CAP FOR VACUUM PUMP,MODEL:AT 3006, PART NO.117	NO				2	62,634.00	0.00	03.01.2025
11	100184012	FIXED BEARING IE INNER CAP FOR VACUUM PUMP,MODEL:AT 3006, PART NO.118	NO				2	55,481.00	0.00	03.01.2025
12	100184013	FLOATING BEARING FOR VACUUM PUMP,MODEL:AT 3006, PART NO.119	NO				2	97,060.00	0.00	03.01.2025
13	100184014	FIXED BEARING FOR VACUUM PUMP,MODEL:AT 3006, PART NO.120	NO				2	97,060.00	0.00	03.01.2025
14	100184015	INTERSTAGE CHECK VALVE FOR VACUUM PUMP,MODEL:AT 3006, PART NO.529	NO				1	1,894,148.00	0.00	03.01.2025
15	100184016	SECOND STAGE LOBE FOR VACUUM PUMP,MODEL:AT 3006, PART NO.601	NO				1	1,425,955.00	0.00	03.01.2025
16	100184017	SECOND STAGE CONE FOR VACUUM PUMP,MODEL:AT 3006, PART NO.605	NO				1	455,248.00	0.00	03.01.2025
17	100184018	BRACKET FOR VACUUM PUMP,MODEL:AT 3006, PART NO.608	NO				1	198,902.00	0.00	03.01.2025
18	100184019	SECOND STAGE ROTOR FOR VACUUM PUMP,MODEL:AT 3006, PART NO.610	NO				1	904,043.00	0.00	03.01.2025
19	100184020	SECOND STAGE PACKING GLAND ASSEMBLY FOR VACUUM PUMP,MODEL:AT 3006, PART NO.613	NO				1	59,837.00	0.00	03.01.2025
20	100184021	SECOND STAGE DISCHARGE MANIFOLD FOR VACUUM PUMP,MODEL:AT 3006, PART NO.634	NO				1	307,558.00	0.00	03.01.2025
21	100184022	SECOND STAGE DISCHARGE MANIFOLD COVER FOR VACUUM PUMP,MODEL:AT 3006, PART NO.639	NO				1	189,267.00	0.00	03.01.2025

As per Delegation of Power Clause :

Justification of PR:

The procurement of Nash AT 3006 Vacuum Pump materials is essential to ensure the reliable operation and maintenance of the Main Turbine in Dr. NTPPS, 800MW Unit Stage-V. This will support efficient performance and minimize downtime of critical turbine components.

Enclosure:

DMS No :