

Procurement Plan: HURL Gorakhpur Plant		
Sr. No.	Items Description	Remarks
Electrical		
1	Procurement of HT Motor Spares	R&M
2	Procurement of LT Motor critical Spares	R&M
3	LMS Spares (IO Cards, Interposing relays etc)	R&M
4	procurement of Electrical Consumables & Misceleneous Items	R&M
5	procurement of Extension Boards, Cables, Lamps, Fans for Service Provision	R&M
6	Procurement of MOV Actuators & Spares	R&M
7	Procurement of Clamps/Connectors/Insulators-132KV	R&M
8	Procurement of Workshop Items (Motor Overhauling and repair tools, Bearing tools)	R&M
9	Procurement of Measuring Instruments and tools	R&M
10	Procurement of Lighting Materials	R&M
11	Procurement of Cables/Glands and Jointing /termination kits	R&M
12	Procurement of Motor Bearings	R&M
13	Procurement of Ladders/ trolleys of different Sizes	R&M
14	Procurement of Telephone System and PA system spares	R&M
15	Expansion of Telephone Exchange for technical building, workshop , Store	R&M
16	Procurement of Fire system Spares & tools	R&M
17	Procurement of EOT Spares-7 Nos EOT	R&M
18	Procurement of Tool Bag with tools for Non executives	R&M
19	Procurement of Tower ACs for DCS I/O room in CCR, CPP & Ammonia storage	R&M
20	Proucrement of prilling tower elevator spare	R&M
21	Proucrement of HV Capacitor bank spare	R&M
22	Procurement of Spare for oil Filtration M/c	R&M
23	Procurment of MPDB/DB, switch socket	R&M
24	Cabinets & almirah etc. for workshop	R&M
25	Spares for Igniters, spark plugs	R&M
26	Procurement of AC' s , Heatersfor bagging building offices, operator room, Security etc	R&M
27	Electrical Consumable, Tools & spare	R&M
28	Electrical consumable and Tools & Tackles	R&M
29	Various rating Fuses	R&M
30	Spares for Cummins make 2510KW (3125KVA) emergency DG set (ST)	R&M
31	Proposal for supply, installation testing and commissioning (SITC) of redundant model of 2 x 10KVA (3x1) UPS in parallel mode for IT server back at HURL-GKP (With 5year warranty) (LTE)	R&M
32	Purchase of Misc. and consumable items for Electrical at HURL GKP	R&M
33	Procurement of spares for 18MVA synchronous generator (Make-TDPS) Machine Number: T-04692, TC150, 14.4MW, 11kV, 1500RPM. (ST)	R&M
34	Procurement of KENWOOD License Free UHF TK-3501 Walkie Talkie Set (LT)	R&M
35	Supply installation, testing & commissioing of 100% inverter based variable refrigerant flow (VRV air system of canteen)-HR	R&M
36	Provision for Misc breakdown	R&M
37	3.3KV & 11KV Spare HT motors	Capital
38	LT 415 V motors	Capital
39	3125 KVA EDG Spares	Capital

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40	GTG Electrical Spares + STG Electrical Spares	Capital
41	HRS&G & Aux boiler Electrical Spare	Capital
42	Spares for MOV	Capital
43	Spares for VFD	Capital
44	HVAC System Spares	Capital
45	DM plant Electrical Spares	Capital
46	Bagging Plant MCC, Wagon loader, Truck loader	Capital
47	Bagging Plant wagon loader cable modification job - FL Smith spares	Capital
Total (A)		

Sr. No.	Items Description	Remarks
Mechanical		
1	Procurement of Structural Material & Plates	R&M
2	Procurement of Gratings	R&M
3	Procurement of Steam Traps	R&M
4	Procurement of Pipes	R&M
5	Procurement of Fittings	R&M
6	Procurement of Valves	R&M
7	Procurement of Studs/bolts	R&M
8	Procurement of Spare Pumps	R&M
9	Procurement of Bearings	R&M
10	Procurement of Mechanical seals	R&M
11	Procurement of Compressor Filters	R&M
12	Procurement of Lub Oil Filters	R&M
13	Procurement of Compressors	R&M
14	Procurement of Steam Turbines	R&M
15	Procurement of Gas Turbines	R&M
16	Procurement of Fan & Blowers	R&M
17	Procurement of V Belts	R&M
18	Procurement of Oil seal/ Bearing isolators and its spares	R&M
19	Procurement of Coupling and spares	R&M
20	Procurement of Gaskets etc	R&M
21	Procurement of Consumables Materials	R&M
22	Procurement of Oil and Grease	R&M
23	Procurement of Automotive(Hydra, Crane & Forklift)	R&M
24	Procurement of Cooling tower spares	R&M
25	Procurement of VAM Chillers	R&M
26	Procurement of PRV/PSV spares	R&M
27	Procurement of Refractory/insulating material	R&M
28	Procurement of DM Plant, spares, CPVC pipe/RO	R&M
29	Procurement of Workshop Consumables	R&M
30	Procurement of Gear Box and its spares	R&M
31	Procurement of Conveyor Idlers and Pulleys	R&M
32	Procurement of Truck loader spares	R&M
33	Procurement of Wagon loader spares	R&M
34	Procurement of Stitching machine spares	R&M
35	Procurement of Bagging plant Winch & hoists	R&M
36	Procurement of Slat conveyor spares	R&M
37	Procurement of Miscellaneous/contingency items	R&M
38	Procurement of ID Fan Clutch procurement (2 nos)	R&M
39	Procurement of Semi Lean Clutch procurement, Pump to motor	R&M
40	Procurement of Spares for Clutch for repair of clutch	R&M
41	Procurement of Spares for siemens make turbine	R&M
42	Procurement of PSV spares- other than mandatory	R&M
43	Procurement of Portable centrifuge for Ammonia and Urea	R&M
44	Procurement of Primary Reformer spares other than mandatory	R&M
45	Procurement of Syndyne pump spare gear box other than mandatory	R&M
46	Procurement of Spares for lean and semi lean pumps	R&M
47	Procurement of BHDT valves for Urea plant	R&M
48	Procurement of MOV Spares	R&M
49	Procurement of STG spares other than mandatory- Coupling and Gear box spares	R&M
50	Procurement of Cabinets & Almeerah	R&M
51	Procurement of Bearings, plummer block and adaptor sleeves	R&M

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52	Procurement of Seal Pot and Fume Absorber for N-PIT, SAC/WAC, CPU,MB Regeneration and SAC Regeneration Acid Dosing Tank	R&M
53	Procurement of Swelore make pumps & spares	R&M
54	Procurement of Spare for Carbamate Ejector (U-EE101) in Urea Plant	R&M
55	Procurement of Acid and Caustic Ejector for DM & CPU Plant	R&M
56	Spare procurement for Ammonia feed pump U-GA101 make:EBARA Corporation	R&M
57	Spare procurement for agitator gear box (Make:Power Build Pvt. Ltd.) and its component for ammonia urea complex.	R&M
58	Requirement of FRICK make compressor spares in nitrogen plant.	R&M
59	Requirement of open jaw torqueing tool for urea plant	R&M
60	Requirement of MAB103 Centrifuge Spares.	R&M
61	Requirement of spares of Ammonia Vapour blower C-GB 501. PR amount= 1975000 JPY. Considering 1INR=1.65 JPY	R&M
62	Spare for ammonia refrigeration compressor (105 J).	R&M
63	Requirement of GT fuel gas filter element for NG skid	R&M
64	Titanium Gaskets Required for high pressure angle valves in urea plant	R&M
65	Spares required for vapour absorption machine 120-LA/LB/LC 121-LA/LB	R&M
66	Spares required for semi lean solution pump 107-JA PR amount = 92510.13 EUR	R&M
67	Spares required for Urea Cooling Tower Pump C-GA201	R&M
68	Bearing Isolator for Urea Cooling Tower Pump C-GA201	R&M
69	Spares required for synthesis gas compressor 103-J PR amount= JPY-31600000. Considering 1 INR=1.57 JPY	R&M
70	HP & LP Rotor for GTPAC Gas turbine	Capital
71	Spares for CI and HGPI of GTPAC	Capital
72	PSV spares	Capital
73	Bagging Plant Spares- FL Smith spares	Capital
74	Gabbar Make stitching machines -36 nos	Capital
75	Structural steel for Modifications in platforms with grating	Capital
76	DM plant Spares	Capital
Total (B)		

Sr. No.	Items Description	Remarks
Instrumentation		
1	Procurement of Analyzer Reagent for DM & ETP Plant	R&M
2	Calibration Gas Cylinder CPP and Offsites	R&M
3	Procurement of Gas Detectors Spares	R&M
4	Procurement of DCS System Spares including Operator Station etc - Common	R&M
5	Procurement of Ultrasonic Flowmeter Spares	R&M
6	Procurement of Laptop for GTPAC	R&M
7	Procurement of HRSG & Aux Boiler Field Instrument Spares	R&M
8	Procurement of DM Plant field instrument Spares	R&M
9	Procurement of ETP Plant Spares	R&M
10	Procurement of Bently Nevada Vibration Probes - Common	R&M
11	Procurement of Flame scanner for Reformer & Superheater	R&M
12	PV-1019 Damper Boldrochchi Actuator & accessories spare	R&M
13	Procurement of UREA LDS AMMONIA DETECTOR CELL	R&M
14	Procurement of SPARES FOR CHEMTROLS MAKE BI-COLOR LEVEL GAUGE	R&M
15	Procurement of LOCK UP VALVE urea XV-131 & XV-501	R&M
16	Procurement of Urea section Control Valve Accessories (SOV, REPAIR KIT,PROXIMITY SWITCHES WITH ENCLOSURE).	R&M
17	Procurement of Purchase of BHDT make control valve FV-108B spare	R&M
18	Procurement of Refilling of Analyzer Cylinders	R&M
19	Procurement of spare for CCI Steam Let Down Valve PV-1018/HV-1028	R&M
20	Procurement of HART communicator with loop powering	R&M
21	Procurement or rental services of Miscellaneous Tool/Tackles and consumables for Instruments Maintenance work	R&M
22	Procurement of Cabinets & almirah etc. for workshop	R&M

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Sr. No.	Items Description	Remarks
23	Spare Line Diaphragm for Saunder Valve of DM Plant (ST)	R&M
24	Procurement of spares for Ammonia LET Down Valve	R&M
25	Instrument spares for GT-PAC CI & HGPI inspection	R&M
26	Procurement of Prilling Device Spare, Urea Section	R&M
27	Procurement of spares of BHDT make control valves special.	R&M
28	Procurement of Electronic Module for NG devices	R&M
29	Procurement of MIL PV-106 SPARE	R&M
30	Procurement of YIL system CPU batteries	R&M
31	Provision for Misc breakdown	R&M
32	GTG Spares for field Instrumentation and Control System	Capital
33	HRSG 1 & 2 spares for Field Instrumentation and Control System + Auxiliary Boiler spares for Field Instrumentation and Control System	Capital
34	STG spares for Field Instrumentation and Control System	Capital
35	Rotary Equipment spares for Field Instrumentation and Control System	Capital
36	DM/CPU/PTP spares for Field Instrumentation and Control System	Capital
37	ETP/STP/ZLD spares for Field Instrumentation and Control System	Capital
38	Rubber Dam spares for Field Instrumentation and Control System	Capital
39	Bently Nevada VMS spares for field Instrumentation and Control System	Capital
40	Additional Analyzers as per KBR recommendation	Capital
41	Bagging Plant spares for Field Instrumentation and Control System	Capital
42	Heurtey Package Damper actuator and accessories spares	Capital
43	Purifier expander 137L spares for field Instrumentation	Capital