

Details of public procurement from HWB for next five years

Sl. No.	Item Description	Financial year, Rs. in lakh				
		2021-22	2022-23	2023-24	2024-25	2025-26
	Machinery & Equipments					
1	Procurement cracker component HWP Thal & Hazira	350	350	---	---	---
2	Procurement of centrifugal compressor HWP Haz	160	40	---	---	---
3	Procurement of digital excitation HWP Haz	90	10	---	---	---
4	New Exchamger 12E3 HWP Thal	90	10	---	---	---
5	26P8 pump, HWP Thal	---	20	---	---	---
6	Converter basket, HWP Thal & Hazira	---	---	---	---	4300
7	Converter catalyst, HWP Hazira	---	---	---	---	550
8	Tower stage pumps, HWP Thal & Hazira	22	---	50	320	---
9	Ammonia Cracker catalyst, HWP, Thal & Hazira	---	250	700	---	---
10	Super heater	---	---	---	---	1000
11	Top Inlet distrubution header (size 3")	---	---	---	---	5
12	Top pigtail type - 1 / type - 2	---	---	---	---	50
13	Catalyst tube size 3"	---	---	---	---	4000
14	Support clit for Catalyst tube	---	---	---	---	20
15	Mini cracker super heater	---	---	---	---	25
16	Feed Effluent heat Exchanger HWP Thal	200	50	---	---	---
17	SS tubes for exchanger HWP Thal	100	---	---	---	---
18	Procurement of spares for 22P41/42 A/B and 14P31/32 A/B Diaphragm Pump Units in HWP Hazira	20	---	20	---	20
19	Procurement of spares and servicing of all EOT/HOT Cranes & 250T Lifting devices at HWP Hazira	---	50	30	---	---
20	Procurement of structural steel material/components for main plant in HWP Hazira	---	---	70	---	70
21	Procurement of D2O storage tank	---	---	475	---	---

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		2021-22	2022-23	2023-24	2024-25	2025-26
22	Procurement of solvent storage tank	---	---	1325	---	---
23	Sodium Purification System (Package)	75	835	340	---	---
24	Chlorine handling System (Package)	---	885	290	---	---
25	Salt melting and drying system	---	175	275	---	---
26	Fabrication of electrolytic cell	200	850	704	---	---
27	Spares for pumps	35	35	35	35	35
28	Mechanical seal for pumps	32	32	32	32	32
29	Spares for air compressors	10	10	10	10	10
30	H2S compressor valve assemblies & spares	16	16	16	16	16
31	Tyres & Tubes	4	4	4	4	4
32	Lead Acid Bateries	3	3	3	3	3
33	Spares for Cummins Engines	3	3	3	3	3
34	Welding Consumables	20	25	30	35	40
35	Spares for Workshop M/c	2	2	2	2	2
36	Turbinol 46 Oil	15	15	15	15	15
37	120 MT Crane	---	---	800	---	---
38	12 MT Crane	48	---	---	---	---
39	Drain pit vessels	40	---	---	---	---
40	Heat exchanger	---	60	---	---	---
41	Spares for MTU DG set	---	---	100	---	---
42	Knock out drum	10	---	---	---	---
43	Insulation materials	20	25	30	35	40
44	CNC Centerless OD Grinding Machine	97	---	---	---	---
45	High Vacuum Induction Furnaces	133	133	---	---	---
46	40 T Cold Press Machine	---	---	10	---	---

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		2021-22	2022-23	2023-24	2024-25	2025-26
47	50 T Hot Press Machine – 2 Nos.	---	550	---	---	---
48	CNC Face and Chamfering Machine	---	180	---	---	---
49	Air Jet Mill	---	---	60	---	---
	Piping & fitting					
50	DD valves for HWP Kota	600	1200	---	---	---
51	4" NB and smaller process pipelines for Kota & Manuguru	400	400	---	---	---
52	Construction of foundation, building and structures for Storage facility for Heavy water for HWP Kota	20	100	---	---	---
53	Rope procurement	80	---	---	---	---
54	Coal mill ball & ring sets	300	---	---	---	---
55	ESP collecting & emitting electrode (Two phases)	320	320	---	---	---
56	Replacement of DG set	320	80	---	---	---
57	Retrofitting of XU elevators	100	60	---	---	---
58	Procurement of H2S compressor	240	60	---	---	---
59	Procurement of H2S compatible material (Two phases)	100	50	---	---	---
60	Telemetry system installation	80	---	---	---	---
61	Pipes, pipe fittings & structural steel (HWP-M)	125	125	50	65	70
62	Piping & fitting spares (HWP-M)	56	61	61	56	56
63	Cartridges for oil pumps (HWP-M)	20	20	20	20	20
64	Storage facility for Heavy water (Two phases for HWP(M) & single phase for HWP(K))	400	700	---	---	---
	Instrumentation, IT and Softwares					
65	Procurement of Video Conferencing for HWP Kota	10	---	---	---	---
66	Procurement of Servers for HWPK	25	---	---	---	---

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		2021-22	2022-23	2023-24	2024-25	2025-26
67	Procurement & Upgrade of PCs 40 nos	20	20	---	---	---
68	Procurement & of LGs for Seal oil Over head tanks	35	0	---	---	---
69	Procurement of DCS servers for process plant	0	10	---	---	---
70	Upgradation of HWPK DCS	0	---	1500	---	---
71	e-office implementation	10	10	8	8	10
72	DCS system and instrumentation cabling, field instrumentation etc.	150	775	150	---	---
73	Procurement of Active LAN devices for HWB & HWPs	250	---	---	---	---
74	Procurement of Hyper Converged Infrastructure for HWB & HWP(M)	100	---	---	---	---
75	Procurement & Upgrade of Checkpoint Firewall Devices at HWB & HWPs	---	40	---	---	---
76	Procurement & Upgrade of EWAN Firewall Devices at HWB & HWPs	---	200	---	---	---
77	Renewal of License of Antivirus for HWB & HWPs	40	---	---	---	---
78	Procurement & Upgrade of Hardware and Firmware of Secure Network Access System for HWB & HWPs	100	---	---	---	---
79	Procurement of Video Conference Systems at HWB	---	50	---	---	---
80	Procurement & Upgrade of Computers at HWB	100	---	---	---	---
81	Procurement of Laptops at HWB	12	---	---	---	---
82	Procurement of engineering S/w	---	150	---	---	---
83	Shut down valves spares	31	3	25	17	0
84	Control valve spares	18	5	17	16	7
85	HP / LP isolation valves	40	42	44	46	48
86	Transmitters & spares	33	15	5	30	7

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		2021-22	2022-23	2023-24	2024-25	2025-26
87	Booster & panel spares	71	213	49	43	61
88	RD pressure switches for H2S	5	5	6	6	6
89	H2S monitoring spares	39	42	47	53	57
90	PA System Spares for HWP-M	40	44	48	50	55
91	DCS Spares for HWP-M	25	20	25	30	30
92	Fire Alarm System & Spares	50	25	---	2	3
93	X Ray Baggage	16	3	19	5	5
94	Metal Detectors for PPS & spares	7	6	6	9	7
95	DU / O18 / ETP / LAB spares	33	36	41	43	49
96	CCTV Spares	70	11	12	13	15
97	PIDS: CCTV System	---	200	200	50	---
98	Main plant & utility unit spare	70	75	79	90	103
99	Printer Cartridges	10	12	13	14	16
100	Projector	---	---	---	1	---
101	Printers & Computers	25	5	5	8	10
102	Autocad licence	1	1	1	1	1
103	VC Spares	---	2	---	10	---
104	IT Contracts	20	22	24	27	30
105	Spares for Boiler Instruments and Controls	35	40	45	50	55
106	Spares for Turbo-Generator Instruments and Controls	25	30	35	40	45
107	Spares for Control Room Instruments and Controls	40	45	60	60	70
108	Spares for Auxiliary system Instruments and Controls	11	12	13	14	15
109	Tools, Calibration and Testing Equipments	5	5	5	5	5
110	Coal mill spares & PF pipes	120	126	132	139	146

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		2021-22	2022-23	2023-24	2024-25	2025-26
111	Conveyor belts, feeder & spares	35	40	42	45	45
112	Rope way bucket spares	30	32	34	36	38
113	Rope way spares	20	21	22	23	24
114	Track rope and tension wires	80	84	88	92	97
115	Govern.system of TG	15	16	17	18	19
116	TG spares	25	26	27	28	29
117	Cooling towers spares	10	11	12	13	14
118	Spares for DM plant	10	11	12	13	14
119	Boiler spares	10	11	12	13	14
120	BoilerPr.parts spares	25	26	27	28	29
	Electrical items					
121	LED lighting	186	500	100	---	---
122	Civil work for LED and storage tanks	150	100	150	---	---
123	Heater Panels	---	250	50	---	---
124	High current Rectifier	200	1075	200	---	---
125	EoT crane 50 MT	125	25	---	---	---
126	Electrical Substation equipment and cables	375	1650	25	---	---
127	Procurement of 42 Nos Split AC's at HWB	---	18	10	---	---
128		280	120	---	---	---
129	Power cables, control cable and accessories	15	73	45	47	53
130	Motors & spares	3	48	57	47	55
131	Bearings for motors	50	85	90	95	100
132	MCC, SWGR along with accessories	6	75	10	23	24
133	Transformer spares	---	10	5	5	8

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		2021-22	2022-23	2023-24	2024-25	2025-26
134	Protective relays / equipment	---	20	20	43	---
135	Spares for AC system	12	20	15	8	6
136	Lighting accessories	10	18	20	18	23
137	LEDs / light fittings	8	17	10	5	15
138	New VFDs and spares	---	20	---	30	33
139	Testing equipments	2	8	5	3	4
140	Measuring Instruments	2	8	5	6	7
141	Tools and tackles	4	5	5	7	7
142	New Battery banks and spares	---	40	60	40	53
143	Spares for UPS	2	8	5	6	7
144	Spares for Elevators	2	8	5	3	4
145	Spares for Battery chargers	4	5	5	7	7
146	New MOVs and spares	7	20	40	30	41
147	Spares for DG sets	2	8	5	3	4
148	Oils, lubricants, paints	4	5	5	7	7
149	New Circuit breakers and its spares	---	10	---	---	73
150	Cable trays & Earthing system material	2	8	5	3	4
151	Spares for 1000 cm2 EM cell	12	5	5	2	9
152	Lighting material - 120W LED lights	10	10	11	12	14
153	220/33KV switchgear spares	5	10	10	10	10
154	220kV Lightning Arrestors	15	---	15	---	---
155	Resin cast Current Transformers 33kV	---	10	10	---	---
156	LV motors	5	5	5	5	5
157	Motor protection relays	5	5	5	5	5

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		2021-22	2022-23	2023-24	2024-25	2025-26
158	Meters and Transducers	5	5	5	5	5
159	HV cables(33kV and 11kV)	10	10	10	10	10
160	LV cables	15	15	15	15	15
161	Coal mill motor	10	10	10	10	10
162	Transformer oil	5	---	---	---	5
163	Generator relays/bearings	10	10	10	10	10
164	Spare VFD motor	15	15	15	15	15
165	Spare 2000 Kw BFP motor	65	---	---	---	---
166	Battery Chargers/ Battery charger cards	4	4	4	4	4
167	220 V/24V DC battery banks	30	20	20	20	20
168	HRC fuses	5	5	5	5	5
169	MCBs, ELCBs	5	5	5	5	5
170	Contactors, SFUs, Overload relays, Connector blocks, junction boxes etc.	10	10	10	10	10
171	CRC, Silicone compound, M-seal, Grease, flash strips etc.	1	1	1	1	1
172	Different types of gaskets	1	1	1	1	1
173	Elevator spares	5	5	5	5	5
174	Measuring and Testing Instruments	5	5	5	5	5
	Laboratory equipments					
175	Analytical balance	---	2	---	---	---
176	Hypodermic syringe	---	---	---	---	1
177	laboratery reagents	2	2	3	3	3
178	Rotary Vacuum Pump	---	3	---	---	---

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		2021-22	2022-23	2023-24	2024-25	2025-26
179	Gas Chromatography	30	50	---	---	---
180	Gas Chromatograph Spares	2	---	2	---	2
181	Glove Box	27	---	---	---	---
182	Vacuum Oven	5	---	---	---	---
183	Rotary evaporator table top 1-3 lit	6	---	---	---	---
184	Rotary evaporator	10	---	---	---	---
185	Fractional distillation setup	12	---	---	---	---
186	Laboratory glassware cleaner	---	14	---	---	---
187	Karl fisher titrate (coulometry & Volumetry)	10	15	---	---	---
188	Melting & Boiling Point Apparatus	3	---	---	---	---
189	Ultra-pure water Purifier	---	8	---	---	---
190	Distillation range apparatus	1	---	---	---	---
191	Analytical balance	1	---	---	---	---
192	Dew point meter	---	6	---	---	---
193	Walk in Cold room	---	18	---	---	---
194	Water circulating chillers	5	---	---	---	---
195	Magnetic Drive Stirrer	3	---	---	---	---
196	Bottle top dispenser	2	---	---	---	---
197	Bottle top digital burette	3	---	---	---	---
198	GC-MS Column	---	1	---	---	---
199	NMR Calibration Standards	---	1	---	---	---
200	FTIR	30	---	---	---	---
201	UV-Visible Spectrophotometer	10	---	---	10	---
202	Ion Selective meter	2	---	---	---	---

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		2021-22	2022-23	2023-24	2024-25	2025-26
203	Ion Chromatograph	---	30		---	---
204	Bomb Calorimeter	---	---	---	---	15
205	ICP-OES/AAS	---	70	---	---	---
206	pH Meters	---	---	2	---	---
207	Conductivity meters	---	---	---	2	---
208	Ultrapure Water Unit	---	---	10	---	---
209	Hot Plates	---	2	---	---	2
210	Ovens	---	2	---	---	2
211	Programmable Furnace	---	---	---	5	
212	AAS Spares	3	---	2	---	2
213	Carbon Analyser Spares	2	---	3	---	3
214	Analytical balances	---	3	---	3	---
215	Digital Burettes	---	5	---	---	5
216	Mass Spectrometer Spares	5	5	5	5	5
217	TIMS/ICP MS Spares	4	---	---	5	---
218	FTIR Cells	---	3	---	3	---
219	Peristaltic Pumps	---	10	---	---	10
220	Tygon Tubing	2	---	2	---	---
221	Mycroliter Syringes	1	---	1	---	1
222	Laboratory Work tables	10	---	---	---	10
223	Gas Analysers for confined space	---	---	---	5	---
224	Fumehoods	---	---	20	---	---
225	Chemicals & Glassware	10	10	10	10	10
	Chemicals & consumables					

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		2021-22	2022-23	2023-24	2024-25	2025-26
226	Salt	---	---	36	---	---
227	Calcium carbide	101	104	107	110	113
228	Hydro Chloric Acid (HCl)	33	33	40	40	50
229	Caustic Soda Lye (100 % basis)	165	165	175	175	180
230	Sodium Sulphide Flakes (Na ₂ S flakes)	50	50	60	60	70
231	Sodium Hydrogen Sulphide Solution (NaHS) (100% basis)	75	75	80	80	90
232	Sulphuric Acid	50	55	60	65	70
233	Caustic Soda Flakes	20	20	20	20	20
234	Poly Aluminium Chloride (PAC)	5	5	5	5	5
235	Liquid Petroleum Gas (LPG)	60	70	70	80	80
236	Oil (Turbinol-46)	100	100	100	100	100
237	Activated Charcoal	---	---	---	40	---
238	Strong Base Anion Resin, Type-II (gel type)	400	---	---	---	450
239	Strong Acid Cation Resin (gel type)	200	---	---	---	250
240	Weak Acid Cation Resin (gel type)	200	---	---	---	250
241	Lubrication Oils	12	12	12	15	15
242	Antifriction Bearings	25	25	30	30	30
243	Cotton Waste	4	5	5	5	6
244	Pipe and fittings	20	20	20	20	20
245	LED bulbs/ tube lights	5	5	5	5	10
246	UT thickness Gauge	10	---	---	---	---
247	Thermography Camera	6	---	---	---	---
248	PMI Machine	20	---	---	---	---

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		2021-22	2022-23	2023-24	2024-25	2025-26
249	Mechanical Seals and Spares	20	20	20	20	30
250	SRV for Lube oil and Seal Oils	15	---	---	---	---
251	N,N-Dimethyl-p-phenylenediamine Dihydrochloride	1	1	1	1	1
252	Suprapure Acids(HCl + HNO3 + H2SO4)	---	1	---	1	---
253	Ultra High Pure Argon gas for ICP-MS	3	---	5	---	5
254	Ultra High Pure Helium Gas for GC	2	---	2	---	2
255	AAS Calibration Standards	---	2	---	---	2
256	ICP-MS Calibration Standards	---	2	---	---	2
257	O-18 reference Standards	5	---	---	5	---
258	FO (MT) 45750/- per MT	686	755	830	913	1005
259	LDO / (KL) 51600/- per KL	258	284	312	343	378
260	Ammonis (MT) 43100/- per MT	22	24	26	29	32
261	Morpholine (MT) 134000/- per MT	20	21	23	25	28
262	Hydrazine (MT) 233000/- per MT	2	3	3	3	3
263	TSP (MT) 49000/- per MT	2	2	2	3	3
264	Activated Carbon (MT) 90909/- per MT	---	15	---	18	---
265	Benzotriazole (MT) 500000/- per MT	5	6	6	7	7
266	Silica gel [MT] 116600/- per MT	---	---	---	---	6
267	Lubricants	60	63	66	69	72
	Miscellaneous					
268	Providing security services for HWPK colony	100	125	125	150	150
269	Drawing Office spares	10	12	14	16	18
270	Miscellaneous Equipment for NDT lab	10	10	10	10	10
271	Eddy Current Testing Machine	---	---	30	---	---

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		2021-22	2022-23	2023-24	2024-25	2025-26
272	Structural material	50	53	56	59	62
273	Paints, Thinner & Protective coatings	30	32	34	36	38
274	Fasteners	20	21	22	23	24
	Total (Rs. in Lakhs)	11690.30	17244.47	12070.95	5059.12	16018.44
	Total (Rs. in Cr.)	116.90	172.44	120.71	50.59	160.18

Note : It may be noted that the expenditure envisaged is less than Rs. 1000 Cr / annum.