

Sr. No.	Item description	Approx quantity	Total Cost Estimate (In Lakhs)
1	DC-DC Converter	240	462
2	Electric Load Bank/ Load test kit of batteries	4	67
3	Forklift	4	96
4	11.8V Resistor Array	135	20
5	12 shielded Twisted Cable Wrap	42	111
6	16 Port , 8 Port Rugged Gigabit Ethernet Switches & Router	16 Port (18No.s), 8 Port (04 No.s) & Router (04 No.s)	267
7	24 Port Switch	5	0.60
8	Encryption System	7	168
9	2pair cable	15000 Mtrs	25
10	3 POLE, Assorted Current Rating MCB WITH C-CURVE CHARACTERISTICS	77 NOS	17
11	3.5 Ton Electrodynamic shaker	1	104
12	3/2 SOLENOID PILOT ACTUATED DIRECT- IONAL CONTROL VALVE, 3 PORT, 1/4"	110 NOS	116
13	32GB RAM RDIMM - ThinkSystem 32GB TruDDR4 2666 MHz	1	19
14	RESPIRATORS COMPLETE ASSEMBLED SET	1080 SET	16
15	3U and 6U Bins	165	75
16	4 MM DIAMETER E 317L ELECTRODES	3300 KG	53
17	4 POLE DU100H MCCB HAVING THERMAL RELEASE RANGE Assorted	92 NOS	16
18	40 watt extended Ku Band BUC in Redundant mode and Hand held device in 1+1 hot redundancy	2	82
19	400HZ Fully Encapsulated Transformer	135	19
20	BALL VALVES & ITS SAPRES	3249.00	289
21	Spectrum Analyzer	11	215
22	6 KVA RPS Isolation Transformer	3	14
23	ABRASSIVE CUT OFF WHEEL of sizes : (1) 300 X 2.5 X 25.4MM, C 60 - L - BR (2) 350MM DIA X 3.2MM THK, R-48, 25.4MM	3873 NOS	28
24	ABSOLUTE ALCOHOL/ETHYL ALCOHOL/RECTIFIED SPIRIT WITH	9196 LTR	14
25	Absolute Valve	1 set	900
26	AC/TV/COMPTER/PRINTER/PAPER SHREDDING MACHINES ETC	20 EACH	25
27	ACETONE CONFORMING TO IS:170	73700 KG	89
28	ACETYLENE GAS IN PARTY/NFC IS:308	2978 CUM	16
29	ACID HYDROCHLORIC	11533 MT	199
30	ACID HYDROFLUORIC 40% TECHNICAL GRADE	26 MT	40
31	ACID OLEIC	22 MT	33
32	LIME/SULPHURIC ACID/HYD PEROXIDE/MAGNESIUM SULPHATE ETC	473 MT	82
33	Acousto-optic Modulators	4 Nos.	20
34	ACTUATOR HOUSING	107	14
35	Air Compressors & spare parts of air compressors	9	806
36	Air Conditioner	32 No.s	200
37	Air Filter Regulator	520	19

38	Airborne Systems	3	830
39	ALAMINE-336(TRICAPRYL AMINE)	3 MT	24
40	Alarm trip units	90	11
41	Alkaline Etching Machine	1	80
42	ALUMINIUM OXIDE ENDLESS WATER PROOF CLOTH COMPACT GRAIN GRINDING BELT of assorted sizes	7370 NOS	98
43	AMP-DSP PCB VER-0.2	200	57
44	ANALOG INPUT MODULE/DIGITAL OUTPUT MODULE	12 EACH	15
45	Angle Dekkor	1 No.	75
46	ANGLES M.S - IS:2062/IS:226 ISA assorted size	968 MT	683
47	ANHYDROUS AMMONIA	3153670 Kg	2011
48	ANPR & ITMS Solutions	1 Set	500
49	Anti Drone System	10 Nos	3530
50	ANTI-STATIC POLYTHENE BAGS 750MM X 1200MM X 400 GAUGE	91575 NOS	32
51	AO Q-switch with compatible RF driver	1 set	197
52	APL Carrying cases	42	22
53	APL Investment Casting - PEDESTAL+Gimbal	84	119
54	APL Mechanical Components (130 components)	43	178
55	ARGON GAS PRESSURE REGULATOR WITH INLET:250KG/SQ CM,OUTLET:10KG/SQ CM	334 NOS	10
56	Assembly Rails with bearings, Fixtures, Lifting Beam, Vessel Support Jacks, Tools, Scissor Lift, Conductivity Greases, End Cap Tooling, Fabricated structure, Shock Isolators etc. As specified in the drawing and specification	1 set	50
57	AST Gimbal with Sub reflector and Feed	3	25
58	Attenuator, 500W, 20dB, 30dB	3	11
59	Attitude & Heading Reference Sensor (AHRS)	3	21
60	Auto correlator (at 1, 1.5 and 2.0 µm)	1 Set	20
61	AUTO SAMPLER PIPE LINE END	2 EACH	16
62	Axis Card, DIO Card, Interlock card	3	36
63	AZ-EL Gimbal manufacturing	4	18
64	BAG HDPE BLUE,white, yellow COLOUR (CONFIRMING TO IS:9755)	353980 NOS	88
65	BAG JUMBO HDPE/PP	750000 EACH	500
66	BAGS POLYTHENE 1065 X 560 X 400G	401302 NOS	73
67	Bare Display Console with Bare PDB & its material	2	12
68	Bare racks with with Bare PDB & its material	3	12
69	BARIUM CHLORIDE	75 MT	54
70	BELT CONVEYOR/BE AND ACCESSORIES/SPARES	4000 MTR	100
71	BELT ENDLESS GRINDING Assorted Size	75000	43
72	BLADE HAND HACKSAW HSS Assorted Size	47630.00	32
73	BOOK DUPLICATE OF SIZE 210 MM L X 190 MM	636 NOS	241
74	Brushless Motors	200	2423
75	CABLE CU/AL	11500 MTR	115
76	Cable junction boxes	1 lot	25
77	Cable set	2	14
78	Cable trays	1 lot	34
79	CABLE WELDING 600 AMPS (copper)	1409 MTR	14
80	Cables	2 lot	24

81	Cables and wires & conduites	3	71
82	CALCINED COKE POWDER -50 + 100 MESH =80 % MIN	8250 KG	18
83	CALCINED PETROLEUM COKE (CPC) POWDER -325	308 MT	525
84	Calibrator,5540A,Standard,Multi product Module:5215687	1	37
85	CAMC for DG sets, CAMC for Masts, Addl. Warranty for upgrade items for Project Samyukta Upg	28 sets	1654
86	CAMERA PTZ /IP CAMERA/AI SMART CAMERA	30 EACH	10
87	CARBIDE INSERTS (TITINIUM COATED) DNMG 150608 TN2000 OR ITS	2200 NOS	12
88	CARBIDE THROW AWAY INSERTS types : (1) CNMG 120404 TN 2000 GRADE (2) CNMG 120404 KC 9240 GRADE OR (3) CNMG 120404 GRADE KC 9240 OR (4) DNMG 150604 TN 2000 GRADE (5) DNMG 150608 KC 9240 OR ITS (6) DNMG 150604 KC 9240 GRADE OR (7) DNMG 150604 GRADE KC 9240 OR (8) SNMG 120404 TN 2000 GRADE (9) SNMG 250716 TTR GRADE OR	25520 NOS	27
89	Carbon alloy steel SEAMLESS pipe schedule Assorted ,Class std conforming	7271 MTR	130
90	CAST IRON PAD (DISC) MACHINED assorted sizes and dimensions	25575 NOS	325
91	CASTROL ILOFORM TDN 81(INDIGENEOUS MAKE)IN 210LTR NON-RETURNABLE DRUMS	286000 LTR	1018
92	CAUSTIC SODA FLAKES COMML.(RAYON GRADE=IS-252 HDP)	50881 KG	51
93	CAUSTIC SODA LYE (100 % basis) COMML.(RAYON GRADE-IS-252)	11297 MT	3994
94	Cavity components for driver stage amplifier HPA2	4	1600
95	CCTV and PIDS softwares	1 Lot	134
96	CCTV Items	2 lot	1662
97	CCTV Software Solutions	4 Nos	125
98	Ceramic Chambers	2 Nos.	50
99	Chairs, table, Sofa Set, etc.	1310	265
100	Chemicals and gases, Ultra-high Purity Nd2O3 Powder, Helium Gas	Lot	280
101	Circular connectors 10 Pin(Male & Female)	104	16
102	Civil & Electrical Infra for HA-3 (21st Site)	1	84
103	Class Room Jammers Production (Subject to approval by CABSEC)	2000	1500
104	Cleanroom motorized pallet	1 set	85
105	Client for ACS reference system	2	25.19
106	CNC Servo Control CRT	1	40
107	CO <sub>2</sub> laser based end cap fabrication system	1 Set	50
108	COAL	22500 MT	1450
109	COBALT POWDER & CHUNKS	1630 Kgs	60
110	COLLOIDAL GRAPHITE SUSPENSION	1800 KG	185
111	Coloc 1.5-11 MHz control Assy-2nos, Micro driver Assy-8nos, Detector PCB Assy-2 nos, Front panel Assy for CL2490/2211-10nos and Data cable-2nos	01 Set	46
112	COM Express Module	10	23
113	Laptop & Desktop Computers, its assessories & consumables	821	1638
114	COMMAND LINK SIMULTAOR	1 No.	10
115	COMMERCIAL GRADE ARGON GAS 99.99% PURITY IN PALLETS	199890 CUM	766

116	Components for Interconnecting Piping system between HHFTF and EHCL systems	1 unit	125
117	Consoles & Racks	Consoles (12 No.s) & Racks (06 No.s)	67
118	Consumable Items	3 -Lot	46
119	Controller & Power Supply Card	6	40
120	CONTROLLER CARD CASSETTEE COVER	246	10
121	Controller Card of ACU	4	31
122	Controllers and readers	1 Lot	70
123	COPPER SHEET	7700 KG	131
124	COTTON HOSIERY RAGS & COTTON YARN WASTE	72985 Kg	61
125	Cryo cooler	1 Set	80
126	Cryo distribution system and auxiliary items for INTF	1	100
127	Cryogen-free Magneto-Optic cryostat	1 Set	190
128	Cryostat	1 Set	400
129	Customised Measuring Equipments for Type tests (Continuity Test, Life time tester, Electrical Travel, Mechanical Travel, Test Jigs and Fixtures)	1	15
130	Customized Air-core reactor units	2	43
131	Cyber Security Tools	1 LOT	4500
132	Cylindrical References	3 Nos	150
133	DCV's for Liquid Service	26	89
134	DDC Card	3	33
135	De-Iceing Unit	3	21
136	Design and Analysis Softwares including FEA, CAD and Cryogenic Softwares	1 Set	50
137	DETERGENT POWDER	14273 KG	10
138	Detonics	4,00,727 Sets	6852
139	DG Sets with AMF Panels & its spares	9 EACH	255
140	DH Mast Spares	Lot	10
141	DI plant, High temp. vaccum furnace, High temp. substrate rotation, Chillers, Vibration isolation tables, vacuum pumps, ultra-sonic / mega sonic cleaning, Valves, Laboratory glassware washer, etc	1 Set	50
142	DIAMOND DRESSER SINGLE POINT (1) 3.5 CARAT 10MM DIA X 150 MM LONG (2) 2.5 CARAT 13MM DIA X 75 MM LONG- (3) 2 CT 1-1/2" DIA X 6" LENGTH (4) 4 CARAT SIZE: 13MM DIA X 75 MM LONG (5) 5 CARAT (6) 3.5 CARAT (7) 2.0 CARAT 10MM DIA X 150 MM LONG	935 NOS	23
143	Pressure Transmitters	4210	2715
144	DIFFUSION PUMP OIL DC 704	3366 KG	1519
145	Digital Control system and accessories, Automation & Control System	1 set	150
146	Digital oscilloscope- 4 Channel, 4 GHz	1	38
147	DIGITAL PANEL METER/PID CNTLR	40 EACH	15
148	DILUTE NITRIC ACID IN THE CONCENTRATION RANGE OF 58-60%	20179 MT	11283
149	Dipole trap laser 810 nm	1 Nos.	100
150	Display units and controllers	1 Lot	10

151	DISPOSABLE RESPIRATORS (DUST/MIST) 3M BRAND NO:8710 3M MAKE or equivalent.	31850 NOS	17
152	DPH Platinum Vessel	1 set	770
153	DRILL BITS TAPER SHANK of sizes 13MM, 14MM, 15MM,16MM,17MM,18MM,19MM,20MM	977 NOS	13
154	DRILL HSS TAPER SHANK of sizes (1) 26MM (2) 28.5MM (3) 29MM (4) 23MM (5) 24MM (6) 25MM	436 NOS	13
155	DRUM G.I WITH LID &TOP RING 200/205/210 LTRS CAPACITY	1503 NOS	66
156	Drum Motor	30 Nos.	18
157	Dry Cabinet - 2 Nos	2	10
158	DRY NITROGEN GAS IS:1747	214467 CUM	115
159	EC Modular High Voltage Power Supply	4	4000
160	EL Bearings	15	28
161	ELECTRICAL ITEMS(ASSORTED)	1 SET	100
162	ELECTRODE CUTTING of sizes : (1) 3.15MM DIA X 350MM LONG (2) 4.00MM DIA X 350 LONG (3) FOR ALL FERROUS AND NON FERROUS (4) 5.00MM DIA X 350 LONG	16185 KG	48
163	ELECTRODE LOW HEAT INPUT FOR WELDING DISSIMILAR STEELS	331 KG	18
164	Electron Beam Welding machine	1 set	2000
165	Electronic Security Systems	1 set	50
166	EM Mast	1	33
167	EMI Filter	60	58
168	EMI receiver ( 1GHz to 18 GHz)	1	139
169	EMI Shelter	5 Nos.	293
170	EMI/RFI Power Line Filter	52	122
171	Enclosure for Link Test System	1	11
172	End Stoppers(Type1 & Type2)	180	274
173	ENDLESS GRINDING BELT AL.OXIDE R/R, N.W.P, 50MM X 2100MM X 220 G	40480 NOS	17
174	EOT Crane System	1 set	30
175	Ethernet sw	1	11
176	Ethernet Switch with CAT-6 Cable	7	29
177	Fabrication and suply of Trolley with HD polyethene sheet and partitions for holding Fuses	300	36
178	FABRICATION AND SUPPLY OF 19 ELEMENT PHWR FUEL BUNDLE SPLIT TYPE	72600 SET	22
179	FABRICATION AND SUPPLY OF METALLIC (MS) PACKING BOX	1650 NOS	439
180	Fabrication of CCU	15 nos.	50
181	FAS spares	1 Lot	12
182	Feed Components-hybrid coupler etc	36	112
183	FELT PLUG (PURE WOOL) OF SIZE: 12.2MM DIA, 12.8MM DIA, 14.4mm dia, 15.0MM DIA,22.0MM DIA,29.0MM DIA,21.6 MM DIA.	18040 KG	198
184	Fiber cables & CTOS connectors	Fiber cables (19 No.s) & COTS Connectors (30 No.s)	234
185	Fiber Optic Link System	1	19

186	Field Instruments	1 Lot	300
187	Field Test & Measurement Equipment for VMJ	1	
188	FILLER WIRE SS of various types: AWS-A5.9, ER-308 2.0 MM DIA X STD LENGTH, AWS-A5.9 1.60MM X STD LENGTH, ER-310, AWS-A5.9 2.50MM X STD LENGTH ER-310, AWS-A5.9 3.15MM X STD LENGTH, ER-310, AWS-A5.9 5.00MM X STD LENGTH, ER-310, 316/316L 2.50MM X STD .LENGTH, AWS-A5.9,AWS-A5.9 3.15MM X STD LENGTH, ER-316, AWS-A5.9 4.00MM X 1MTR.LENGTH, ER-316 and ER-316L SIZE: 3.15 MM DIA X STD LENGTH	1705 KG	16
189	Films	1 -Lot	10
190	Fingerprint Logic PCB	2	12
191	Fire Alaram system	2	24
192	Fixed frequency Laser System at 780 nm, ~ 2.0 W	1 Nos	110
193	Flatbed Platform with EM Levelling Jacks	1	50
194	FLOW METER ELECTRO MAGNETIC	4 EACH	10
195	FLUIDIZING AIR NOZZLE FOR FBD-100	450 EACH	10
196	FR readers and Supply of I/Os	147 Nos	106
197	Free Gyro	9	120
198	Frequency doubler or multiplier (X2)	1	17
199	Frequency standard	1 Nos	20
200	Frequnecy counter	1	13
201	Fs-laser based FBG fabrication facility	1 Set	560
202	FTIR spectrometer	1 set	24
203	FURNACE OIL	9360 MT	6849
204	FUSED ALUMINIUM OXIDE SAND GRIT-46 (BROWN FUSED ALUMINA) FOR SAND	99000 KG	128
205	Fusion splicing machine for large diameter fiber	1 Set	40
206	Fuze Body PD3A	4,00,727 No's	2164
207	G.I. BARRELS 120 LITRES CAPACITY MADE OUT OF 18 GAUGE GI SHEET AS	2530 NOS	116
208	G.I. PIPE CONFORMING TO IS-1239 PART-I,HEAVY,ISI MARKED	6169 MTR	33
209	GAS AMMONIA /DA/OXY/LPG/ARGON ETC	2000 CUM	35
210	Gear oil of Grade VG-100_x000D	40623 LTR	60
211	Gears, Pinions & Brackets	4	30
212	General purpose Lithium soap based Grease with drop point of Minimum	5500 KG	11
213	Genset & Filters	02 Sets	215
214	GI/FRP GRATINGS	500 SQMTR	18
215	Glass Tube Rotameters	578	83
216	GLOVES - ASBESTOS 450MM TO WITHSTAND TEMP UPTO 450 DEG CENT	366100 PAIRS	93
217	GNSS Reciever module	2	33
218	GPS Receiver	4	26
219	GREASE	3 MT	30
220	GREASE SERVOGEM EP-2/HP LITHON EP-2 /MAK LANTHEX EP-2.	4180 KG	10
221	GRINDING BELT ENDLESS AL.OXIDE R/R NWP, ASSORTED SIZE	23433 NOS	37
222	GRINDING WHEEL AL.OXID 300 OD X 50MM THICK X38.1 BORE	316 NOS	19

223	Ground L-band AGC Unit	3	18
224	Growth chamber assembly for crystal puller	1 Set	130
225	Grub Screw ASSORTED SIZE	8,08,257No	13
226	H/W & MATLAB S/W tools for calibration & analysis of Prototype unit	1	47
227	Handheld Network Analyzer upto 9 GHz	2	16
228	HARD DRAWN SEAMLESS COPPER TUBE assorted grades and sizes	138615 kg	1919
229	HDPE PIPES	7000 MTR	90
230	HDPE/MSPU BENDS/TEES/SHORT PIECES ETC	120 EACH	40
231	HEAVY DUTY INDUSTRIAL CLEANER/ DEGREASER LPS PRCISION CLEAN	9000 LTR	104
232	Printers /Scanners	37	129
233	Heavy Duty TIG welding machine (Tetix XQ 500 Plus AC/DC W Ex PP or equivalent)	1	22
234	HELICAL GEARED MOTOR	35 EACH	42
235	HELIUM GAS	49843 CUM	2367
236	Helium Gas Cascade	1 Set	203
237	Helium Leak Detector	1 set	20
238	High bay light fittings	77 EACH	12
239	High Frame Rate Camera	1set	65
240	High frequency high voltage power supply. Input: 220V, 50 Hz Output: 0 - 20kV O/P frequency: 20kHz - 50kHz O/P Current: 1A	1	15
241	High Performance Computing Cluster	1 set	3200
242	High power pulsed CCPS based modulator for microwave system	1 set	300
243	High precision CNC machining centre	2 Set	400
244	High purity Argon Gas UHP Grade/Grade I of 99.9993%	20700 CUM	74
245	High purity Magnesium ingots of grade I quality	800 MT	5880
246	High sensitivity EMCCD Camera, CCD camera, Machine vision camera	2 Nos.	50
247	HIGH SPEED DEISEL OIL -	16643 LTR	17
248	High voltage amplifier with voltage range +/- 150 A27	1	10
249	High Voltage Bushing	1	150
250	HOSE PVC	4500 MTR	10
251	Hot Air Solder Leveller (including pre&post cleaning modules	1	40
252	HSS HAND GROUND TAP SET M10 X 1.25MM PITCH	286 SET	12
253	HSS M6 GRADE TWIST DRILL TAPER SHANK AS PER IS 5099, DIA 10MM,	160 NOS	11
254	HSS TWIST DRILL TAPER SHANK, DIA AS PER IS 5099, of types (1) DIA 15MM FLUTE (2) DIA 15MM FLUTE LENGTH (3) DIA 15MM, FLUTE LENGTH (3) DIA 20MM, FLUTE LENGTH (4) SIZE: 22MM	182 NOS	16
255	HT Panel	1 unit	22
256	HYDRAULIC HOSES	50 EACH	20
257	HYDRAULIC MOTOR/PUMP/WINCHES AND SPARES	2 EACH	210
258	HYDRAULIC/GEAR OIL	1800 LTR	20
259	HYDROCHLORIC ACID 35 %+/-2% AR/GR	2570 LTR	12
260	HYDROGEN GAS	108962 CUM	174
261	Hydrogen Ion Source Assembly	1unit	132

262	Hydrogen Purifier	1 set	48
263	ICCC Software Solutions	2 Nos	1300
264	ICS,PCB fabrication,mechanical items for MULTI channel play unit and speakers	3	12
265	Inclinometer	18	25
266	IN-COMING MATERIAL REGISTER (contains pages 500)	66 NOS	10
267	INCONEL 600 HOT ROLLED SHEETS SIZE: 1500 MM X 1000 MM X 8 MM	341 NOS	11
268	Infrastucter towards Seeker bulk production facility	1	350
269	INMARSAT system	4	56
270	INS/GPS	1	25
271	Instrument Support Racks	453	322
272	Insulated Containers with PUF/EPS/XPS/Glass wool/VIP insulation.	1 Set	20
273	Integrated Motor, Brake and Planetary Gear Assembly, cost of MS raw material /Al	4	26
274	Integration Tool Kit	5	71
275	IRLM System with configuration unit	1	23
276	ISI CERTIFIED FLASH BACK ARRESTOR FOR USE ON and gas cutting	287 NOS	10
277	IT audit from CERT-IN empaneled agencies as per attached document	1	10
278	JUNCTION BOX/FUSE/MCB CABLE GLAND/CONTACTOR ETC	500 EACH	25
279	KEROSENE SUPERIOR QUALITY -	192382 L	190
280	KrF Excimer Laser System	1 set	168
281	Ku Band LNA with Controller	1	12
282	Ku Band PLL LNBC in 1+1 hot redundancy	2	23
283	L.P.GAS INDUSTRIAL	176 MT	213
284	L2 Ethernet Switch	8 SET	10
285	Laminate shearing / cutting Machine	1	20
286	Lasers (Raman Spectroscopy)	2 Nos.	40
287	Lathe Machine	2	55
288	LAY FLAT TUBING ASSORTED GUAGE AND ELEMENT	6600.00	13
289	Layer 3 Switches	30	316
290	L-Band & C-Band Converter s	4	75
291	LCSV router	1	27
292	LDRA Tools for IV&V Certification	1	25
293	LEAD ACID MAINTENANCE FREE BATTERIES OF CAPACITY 12V/26 AH	271 NOS	13
294	LEATHER HAND GLOVES 12" (300MM)	20753 PAIR	20
295	LED PANEL/FAN/S/EXHAUST FANS/SWITCHES ETC	500 EACH	15
296	Levelling System	4 No.s	288
297	LID FOR 120LTR GI DRUM AS PER THE SPECIFICATION GIVEN BELOW.	2200 NOS	16
298	Lightning Protection System	4 Nos.	13
299	LIMIT SWITCHES WITH 2 CONTACTS (OPEN TYPE) TYPE: Assorted types	445 NOS	40
300	Line Modem	9	12
301	Line Filter:9051-101-0018	235	11
302	Linearity Test Bench for LVDT Akash Potentiometer	2	11



303	LIQUID CHLORINE IS:646	2668 MT	820
304	LIQUID HAND WASH CONFORMING TO IS 4199:2001	6265 LTR	19
305	LIQUID NITROGEN HIGH PURITY	513800 Ltr	89
306	LN2 Storage dewars as per design	1 Set	50
307	Local control Panels	20	80
308	Locking Ring	4,00,727 No's	289
309	Long trace profilometer	2 Nos.	860
310	Low Energy Elecron Gun Energy: ASSORTED eV with power supply	11887	733
311	Low power Extended cavity diode laser, 780 nm, 150 mW	2 Nos	30
312	M7 Radio CKD kits a	18	900
313	MA source power supplies	1	25
314	MAGNESIUM SULPHATE XL	100 MT	25
315	Magnetic shield	30 Nos	750
316	Main frame Assembly	25	93
317	MAL router	1	29
318	Malware Analyzer Sandboxing servers	4 Nos.	30
319	Mass flow controller	6	92
320	MCC PANEL	15 EACH	60
321	MCP router	1	30
322	MECHANICAL ITEMS (ASSORTED)	1 SET	100
323	Mechanical Parts (Enclosure for Encryptors, Fillgun, Remode Radio Head (RRH), Base Band Processor (BBU) etc)	500	225
324	MEDICINES AS REQUIRED	586 ITEMS	40
325	Metal Tube Rotameters	125	36
326	Meta-phosphates (Al, Ba, K)	Lot	225
327	MICRO WEIGHING BALANCE/LOAD CELL CAP	20 EACH	10
328	Microsoft office 2021 Standard Licenses (300 Nos)	300	94
329	Modem	2	10
330	Motor Control DSP	270	11
331	MOTOR INDUCTION/VFD	60 EACH	120
332	Motor Protection Circuit Breaker with Short Circuit and Overload	212.00	64
333	Motorized Mounts and crystal supports	1	20
334	MS ANGLES SIZE :assorted	14191 KG	11
335	MS CHANNEL assorted size	198 MT	61
336	MS DRUMS 200 LTS NOMINAL	1619 NOS	73
337	MS ERW PIPE IS 1239, SIZE:assorted from 15MM DIA X 3.2 MM THICK to 300 MM DIA X 7.94 MM THICK	4429 MTR	52
338	MS/CS/SS PIPES	200 MTR	24
339	Multi Spectral Camouflage Net	4 Nos.	27
340	Neoprene Rubber Sheet of standard size made of virgin neoprene rubber	301 NOS	13
341	Network active and passive components	1 Lot	201
342	Network SwitchS 24 port L2 ASSORTED	3 No	499
343	Next Generation Information Management Servers	6 Nos.	40
344	NIOBIUM METAL INGOTS OF PURITY,99.6%(MINIMUM)	8 MT	1224
345	NITRIC ACID 70 % +/-2% AR/GR	3878 LTR	12
346	NITRIC ACID	350 MT	215
347	NMS Software & Hardware	02 sets	59

348	NON-ASBESTOS SHEET AND ACESSORIES	800 EACH	18
349	OIL - SERVOCUT SUPER/MAK SHEROL B/ HP KOOLKUT 40.	8690 LTR	15
350	OIL HSD (HIGH SPEED DIESEL)	2430 KL	2494
351	OIL SERVO SYSTEM ASSORTED	147752.00	322
352	ON LOAD TAP CHANGER V TYPE	1 SET	28
353	Optical Table with vibration isolation	3 Set	55
354	Optimumux (AC+DC)	60	951
355	Opto mechanical components / movement mechanism / encoders / fiber components / galvo scanner	4 Set	90
356	OriginLab Professional Version 2022b Academic Use Group Network Perpetual	1	24
357	Oscillatory Flow Circulation System	1	10
358	OXALIC ACID	550 MT	390
359	Oxide layer deposition system	1 set	396
360	PACKING BOX AND MATERIALS	3,94,245 Sets	300
361	PADS NYLON 280MM L X 50MM W X 20MM T	1375 NOS	13
362	Paints ASSORTED TYPE AND COLOUR	16212 LTR	75
363	PAPER TISSUE ROLL	34000 ROLL	18
364	Passive Cabling and Assemblies	1 Lot	300
365	PCB Chemicals	1 -Lot	25
366	PCB Fabrication & Assembly	54	2024
367	Pedestal Manufacturing with material	3	11
368	PERMACEL P-600 SELF ADHESIVE MASKING TAPE 25MM X 55 MTRS. LONG	8573.00	38
369	PETROFFIN	10 MT	26
370	Photolithography system (laser writer)	1 set	36
371	Photosensitive optical fibers/preform	5 km	30
372	Ph-S Viton O-Ring 8x2 Material No. FEI- 532253054473	1 set	10
373	Pinions, Limit Switches, 3-ch Rotary Joint	3	14
374	Plasma chambers	2 Set	260
375	Plasma-enhanced chemical vapor deposition (PECVD) system	1 Set	260
376	PLATE CHEQUERED M.S AND SS ASSORTED	47.48 MT	98
377	PLC and its spares	1	15
378	PONTOON FLOAT LINE	10 EACH	25
379	Portable fusion splicing machine for large and small diameter fiber, Optical fiber processing equipment	1 Set	40
380	POWDER STARCH COMM.L.(MAIZE STARCH POWDER IS:1184	95700 KG	60
381	Power Amplifier	2	21
382	Power Module (AC to DC converter, DC-DC Conveter)	202	101
383	Power reflection meter with power head 0.4 to 80MHz	1	10
384	POWER SENSOR	20	100
385	PRINTING & SUPPLY OF ENVELOPE Assorted Type and Size	13508 NOS	121
386	Professional grade Plasma Cutting Machine for handheld cutting 1-1/2 " and mechanized piercing	1	15
387	PROFILE INSERTS FOR ELEMENT M/C ING DRG D-5203/3-M-001	7150 NOS	58
388	Programmable Ac Source	5	93
389	Prototype Radiometer (142 GHz-172 GHz)	1	250
390	Prototype Spectrometer chamber with vacuum system	1	15
391	Prototype Stray radiation protection system	1	50

392	Provision for Antenna Park charges DF system RF cables Replaceemnt work for three sites	Lot	30
393	Provision for Antenna Park charges for improvement of signal strength @Rs8 Lakhs for 3 Yrs.(Incl. RF cables & RF Connectors, Ferrite beads,etc)	6000	11
394	PTFE Insulated Silver Plated Copper Wire 19 Strands per Meters	161874 Meters	16
395	PTFE Teflon Wires,Sleeves & other consumables lot	42	10
396	PTRS Main board	2	16
397	PULLEYS	200 EACH	20
398	Pulse Generator 2-500 KHz	1	10
399	Purge Rotameters	1200	63
400	PW Pockel cell	2 Nos	50
401	PW Polarizers	5 Set	50
402	PXI Controller and modules	1 Set	25
403	PXI Controllers chassis	2 Set	25
404	RAID Storage Systems	5 Nos	300
405	RATE GYRO (ROLL & YAW)	18	39
406	REINOL SAFETY SKIN CARE PASTE IN 400 GMS PACKET	4485 KG	14
407	Remote Inspection System with IP based HD cameras along with cables, mic, speakers and accessories.	1	10
408	RENOFORM ETA (F11) OIL	700 KG	20
409	REPLACEABLE TWIN HEPA FILTER CATRIDGE (N 7500 - 8 - P3)	330 NOS	16
410	RF Cables and accesoroies	37	414
411	RF COMPONENTS(ASSORTED)	1 SET	100
412	RF SEEKER SOME	14 Nos	112
413	RF wave guide switch	6	18
414	RFID TAG	39,680 No's	10
415	RG Analyser	1 set	50
416	RING GEAR	107	18
417	ROD TEFLON 40MM DIA	1537 NOS	29
418	Rotary Joint	43	1870
419	ROUTER ( NPCNET)	LOT	4.88
420	Router with V.35 Adapters	30	530
421	RRSPMP System	1	225
422	RUBBER HOSES	400 MTR	30
423	Rubidium Oscillator	2	17
424	RUGGED DATA ACQUISITION & CONTROL SYSTEM	3 Nos	135
425	Rugged GPS	06 Nos.	120
426	RWMA CLASS -12 SPECIAL COPPER ALLOY 25mmX25mmX50mm (+/- 0.3 MM)	825 NOS	213
427	Rydberg laser in range of 400 – 500 nm	2 Nos.	200
428	S.S. 304 barrel nipple as per schedule 10, size ASSORTED	1381.00	167
429	Safe and Arm Device (SAD)	3,94,245 No's	3639
430	SAFETY SHOE FOR MINISTEIAL STAFF SIZE : 8 AND 10	1011 PAIR	25

431	Satellite Modems, SDH Systems & IP Phone & Exchange	Satellite Modems (12 No.s), SDH Systems (05 No.s) & IP Phone (24 No.s) & Exchange (02 No.s)	176
432	SCADA software	1 lot	25
433	SCREW CONVEYOR AND SPARES	5 EACH	10
434	Scrubbers / Blowers	1	10
435	Search & DF Receivers HF & V/UHF, Monitor Receivers HF & V/UHF, Power Amplifiers HF & V/UHF, Signal Distribution Units, Antennae from 1-6000 MHz, EOSS, Shelters, Masts, DG Sets & UPS, Acs, GPS with Antenna, Intracom System, Emergency Radio, Quadripods, Laptops & Ethernet Switches	120	25000
436	SECTOR GEAR	140	27
437	Semiconductor switching devices / Power converters	Lot	40
438	Sensor cable CG for Maxi Gauge MaxiGaugelength: 3 m	1 set	16
439	Servers, Storage, camera and Networking	44	1761
440	Servo Controller bin consisting of CPU Card	3	18
441	SERVO GREASE MP /HP MULTIPURPOSE GREASE / MAK MP3 GREASE	8353 KG	18
442	Servo motor indigenous material, Servo motor subcontract material, Servo motor imported material	20 sets	59
443	SHARC Processor	68	20
444	SHEET POLYTHENE 400 GAUGE 1000 MM	1073 ROLL	21
445	SHEET S.S 304 - ANNEALED & PICKLED SIZE:assorted	21000 KG	77
446	SHEET TEFLON assorted size	207 NOS	10
447	SHELTER, FLATBED & RACK	1 SET	70
448	Shock Mounts	1 set	16
449	SIC RIC ROLLS - FOR POLISHING of sizes (1) 200MM X 50 MTR X 80 GRIT R/C (2) 200MM X 50 MTR X 120 GRIT R/C (3) 200MM X 50 MTR X 120 GRIT R/C	660 NOS	41
450	SIGNAL & POWER CABLES( ASSORTED)	1 SET	20
451	SILICON CARBIDE COMPACT GRAIN ENDLESS WATER PROOF GRINDING	15843.00	36
452	Silicon crystal	1	50
453	Silicon substrates	Lot	50
454	Silicone Rubber sheet Size:Length- 1000 mm	275 NOS	10
455	Single Ch ROJO	4	10
456	Single Channel Vacuum Compatible Energy Dispersive Detectors	2 Set	70
457	Si-PIN with read out	1unit	20
458	Sleeve Printing Machine	2	11
459	Slip Ring	11	123
460	Slits	1	10
461	SLURRY/WATER PUMPS AND SPARES	40 EACH	400
462	SODA ASH	1070 MT	510

463	SODIUM CARBONATE (SODA ASH LIGHT) COMML. IS:251/1998 TAPS	1417 MT	1039
464	SODIUM SULPHIDE 56%	80 MT	56
465	Solder mask ink Developer	1	80
466	Solenoid Valve Panels	1 Lot	250
467	Solid Works Software	2	20
468	SPARE CONTACTOR KITS FOR 110V,230V FOR MMOO.MK1,MLO-ML12	61 nos	14
469	SPARE KIT WITHOUT COIL FOR CONTACTOR MNX110.	45 NOS	12
470	Spares for LT installations, substations	Lot	100
471	Spares for machinery	1 -Lot	17
472	Spatial Light Modulator	1 No	50
473	Spectrophotometer (UV-Vis-NIR) Wavelength range 200-3300 nm and 250- 2500 nm for diffuse reflectance	1	65
474	SRB Bearings	9	21
475	SS 304 SLIP ON FLANGE AS PER BS 10, TABLE E. SIZE assorted from 15MM NB To 80MM NB.	1705 NOS	10
476	SS 316 PLATES AS PER ASTM-A-240 SIZE: 2500MM X 1250MM X 6MM(THK)	5500 KG	27
477	SS316L Tubes and Rods	1 -Lot	16
478	SSCVR MRU-120 ELECTRONIC & MECHANICAL ITEMS	77	200
479	Straight Plug N-Type Male Connector	84	0.66
480	Stratus everun enterprise edition s/w	1	13
481	STRUCTURAL STEEL/ HR SHEET TOR ROD	400 MT	280
482	SUBSTATION UNITIZED	2 EACH	65
483	SUPERIOR QUALITY COTTON HAND GLOVES SIZE assorted	243540 PAIR	78
484	Tactical Radio set with accessories (a) 1.5-30 MHz (b) 30-100 MHz (c) 100 -512 Mhz	1	200
485	TAPE MEASURING Assorted type	44601 NOS	28
486	TAPS HAND GROUND METRIC COARSE assorted	1581.00	42
487	TARGET ECHO SIMULTAOR	7 Nos	110
488	TECHNICAL GRADE PHOSPHORIC ACID:	38500 KG	137
489	TEFLON SHEET SIZE : assorted	404 NOS	25
490	Test Latop	6	15
491	THINNER / cleaner assorted type	7778 ltrs	15
492	Three simultaneous wavelength channel High Etendue Spectrometer (HES)	5	900
493	Thyratron	4 Nos.	80
494	Ti:sapphire gain medium	2 Set	100
495	TIN CLAMPING CLIPS FOR 19/20MM STEEL STRAP, 40MM LG X 20MM WD	11000 KG	30
496	TONER CARTRIDGE for laser printer assorted type	329 nos	24
497	TOOL BIT HSS assorted size and type	1381.00	19
498	TOP COVER	107	13
499	Trace Water Vapour Sensor	1 Set	50
500	Trailer	3	26
501	Transmitter racks	15	30
502	Tri chloro ethylene,Type II,as per IS 245	55 MT	155

503	TRI SODIUM PHOSPHATE COMMERCIAL (TECHNICAL GRADE)	1557 MT	879
504	TRICHLORO ETHYLENE COMMERCIAL	301 MT	768
505	TRI-N-BUTYL PHOSPHATE	5 MT	80
506	Tunable Laser System in range of 700 -1100 nm	2 Nos.	60
507	Turbo molecular Pump with backing pump and essential accessories	1 set	11
508	Two Axis Rate Table	1	275
509	ULVOIL B-50K OIL FOR DIFFUSION AND EJECTOR PUMPS	660 LTR	33
510	Umbrella Contract for 2 RF Power Source	2	3000
511	UPS assorted rating and type	256	195
512	Vacuum Circuit Breaker, Megawin Switchgear make. Details: 11kV, 1250A, 3 Poles, 50 Hz, 26.2kA/ 3 second, CC, TC supply:220VDC, Spring charging mechanism motor supply: 230VAC/ 220VDC, UV release is 220VDC	1 set	15
513	V-BELTS	2000 EACH	25
514	Vector Network Analyzer upto 6 GHz	1	26
515	Vehicle Mounted Jammer	60	17500
516	V-GROOVE PROFILE INSERT FOR TUBE MACHINING.	4950 NOS	72
517	VIBRATORY FEEDER AND ACCESSORIES	5 EACH	10
518	VIDEO MONITORING SYSTEM	10 Nos	50
519	Vision Inspection System	1	20
520	VOIP Gateway	2	30
521	VSAT SPARES	LOT	111
522	VXI Power Supplies	10	70
523	WAN Router	1	11
524	Warm Bore Cryostat for High Temperature Superconducting Magnet	1	240
525	WASPNET Software for MW Circuits & Antenna Design with 64 Core Server configuration Computer	1	50
526	Welding/ brazing alloys, accessories, fine metal powders and other consumables etc.	Lot	25
527	Wet tantalum CapST100-125T3KI	214	26
528	WHEEL CUT OFF Al.OXIDE ABRASIVE assorted tpe	3850 NOS	27
529	WHYTHEAT A	7 MT	10
530	Wound imaging fiber bundle with C mount both ends	1 set	66
531	XLPE LT Cable	1 unit	18
532	X-ray Crystals with mount and accessories for prototype spectrometer	1	80
533	X-Ray Detector Assembly	30 Sets	75
534	X-ray Filters	1	10
535	X-ray Generator Mechanical assembly	60 nos.	51
536	Zerodur blanks, Fused Silica blanks	Lot	400
537	ZIRCONIUM	30 Kgs	10
538	ZIRCONIUM WASHED AND DRIED FRIT	2750 MT	4115
539	Spare for Turbine Generator	2 Set.	85.00
540	Spare for Turbine Accelation Governor	1 Set.	37.00
541	Oil catcher for Generator	4 Set	195.00
542	Bearing for Various equipment	102	10.00
543	Slade gland Packings	1 Lot.	43.00
544	O-Ring / seals of various sizes	as required	230.00

545	Spare for Insulation material	as required	20.00
546	Spare for active high pressure pump	as required	12.00
547	Spare for valves	as required	10.00
548	LED & Solar Lights and assesories	10000	50.00
549	Procurement of 220KV EMVT	7	60.00
550	Spent fuel trays	2800	1761.10
551	FM drive end body	6 No.	39.55
552	Single stage oil hydraulic cylinder	2 no.	48.86
553	Ram assembly Ram-B ball screw	16	418.40
554	Ram assembly Latch ball screw	25	119.14
555	Separators assembly spares	10 set	22.00
556	Electrical operated 1" Globe valve for FT system	02 No.	24.75
557	Telephone exchange	1 lot	200.00
558	Upgradation of existing turnstile gate	14 nos	26.00
559	Upgradation of Security LAN network	1 Lot	52.00
560	PIDS microwave detector	6 nos	30.00
561	LED Lightings	5000	25.00
562	Procurement of 400KV CT	4	25.00
563	Procurement of 220KV & 400 KV LA	20	30.00
564	spare motor of diferent rating	60	700.00
565	Numerical relays	588	669.00
566	MCC spare(CELL, ct, Overload relay, Numerical relay)	as required	2000.00
567	Ram Assembly testing rig	01 No.	70.00
568	Rework of CV-153	01 no.	20.00
569	Rework of FM X-drive gear box	02 no.	15.00
570	Lead Sheets	as required	25.00
571	Actuator for SFSB HX Isolation valve	02 no.	15.00
572	DPRV	02 no.	10.00
573	Test facility for EFCV	01 no.	15.00
574	Norman Tee-type filter assembly	as required	60.00
575	Eaton Hoses	as required	80.00
576	SFSB Pool cleaning set up	02 no.	10.00
577	Fittings	as required	60.00
578	Aerial platform	03 no.	20.00
579	Displacer type level transmitter	10 no.	50.00
580	FT Actuator Pump	01 no.	40.00
581	TLB sealing cum shielding door drive cylinders	02 no.	40.00
582	TLB sealing cum shielding door rack cylinder	02 no.	20.00
583	Transmitters, CCTV setup, CBS panel, Relay panel devices, SD card and MSL panel, Control cable for catenary and Machines, Computers for FHS system and Potentiometers	as required	120.00
584	Primary system (PHT / Moderator / RCM & Rx components) equipment spares & comsumables	as required	75.00
585	Scondary system (Condenser & Feed water system) equipment spares & revenue items	as required	50.00
586	Plant light water system (PTP, DM plant, PWPH. SRPH, IDCT / NDCT) & common servicev system (EDG / Dompessor / Chiller) equipment spares & comsumables)	as required	75.00
587	Maintenance service contracts	as required	500.00
588	Spare for Turbine- HP & LP module	1 lot	50.00

589	Spare for Turbine Generator	1 lot	100.00
590	ACW pump spares	2 set	70.00
591	Control valve spares for secondary system	1 set	60.00
592	NON ASBESTOS PURE GRAPHITE TAPE WITH ADHESIVE BACKING THK-0.5MM DENSITY 1.1 G/CC	1 Lot. Of various sizes	10.00
593	Slade gland Packings	2 Lot.	43.00
594	Gate, ball & glove valve of turbine generator system	as required	25.00
595	battery operated truck	4	20.00
596	Pump spares for DM transfer pump	1 Lot.	20.00
597	Spares for manual hoists	40 set	15.00
598	Hand Lapping/polishing Plates of various sizes	12	15.00
599	10 kV and 5KV insulation tester	1 Set	22.00
600	48V DC Ground Fault Detector Portable Monitor	1 Set	15.70
601	CMU -Spares	1 lots	40.00
602	CMU - auxillary requirement for EMCCR	1 lots	50.00
603	HP Governor Valve	1 No	615.00
604	Chiller	1 No	165.00
605	Charcoal-cum-HEPA filters	23 Nos.	62.00
606	Ventilation Fans	2 set	30.00
607	Snubber Test Bench	1 nos.	102.00
608	Insulation Cabinet	1 Set	181.00
609	Spares for pumps, compressors, engines, motor and valves	1 set	50.00
610	HEPA Filter	350 nos.	27.00
611	High Efficiency Turbine Lube oil filters	24 nos.	26.00
612	Mechanical Seals for Pumps	4 Set	90.00
613	Ram assembly sapre like matched gear ,shaft , tube,sapcer etc	4 SETS	50.00
614	4-Way Heavy Duty Control Valve(Barksdale MVD etc )	4 SETS	60.00
615	Water lubricated bearing	3 SETS	15.00
616	Spares of FM supply Pumps suitable , plunger , shaft , seals , bearing etc	4 SETS	50.00
617	Seals & elastomers ( O ring , cyLinder seal kits)	1 SETS	10.00
618	LVDTs for Snout probe assembly	30	30.00
619	Precision components	50 NOS	20.00
620	Control Valves Spares	5 SET	10.00
621	Hydraulic cylinder	1SET	10.00
622	Y Drive & Y Fine Coupling	2 set	40.00
623	HPGe Detector	1 No	40.00
624	Miran IR spectrophotometer	1 Nos.	40.00
625	Chemicals and reagents	1 LOT	20.00
626	LPB	200 Kg	15.00
627	LiOH	100 Kg	10.00
628	Glassware and spare	1 SET	10.00
629	TOC	1 Nos.	10.00
630	Mechanical seal (PCP)	1 set	107.00
631	Recovery kit for refrigerant	1 no.	12.00
632	Tool kit for maintainers	45 sets	11.00
633	MECHANICAL SEAL	4 no.	35.00
634	Automatic Recirculation Valve ( ABFP)	2 no.	12.54
635	Control Valve (90%) TRIM ASSEMBLY	2 Nos.	21.68



636	Control Valve (ASDV -L)TRIM ASSEMBLY	2 nos.	21.52
637	Gearbox spares (IDCT)	4 nos.	52.00
638	Ram B Ball screw and ball nut assembly	6 sets	164.00
639	Latch Ball screw and ball nut assembly	4 sets	54.25
640	Ram assembly components	4 sets	26.00
641	Belliville washers for FM and FT system	6 Sets	25.00
642	Procurement of Filters & Strainers	5 Sets	20.00
643	Procurement of mechanical tools and measuring instruments	2 sets	15.00
644	Procurement of Spares of FM supply Pumps	5 Sets	40.00
645	New fuel loading trolley	1 no.	16.00
646	Spares for CCTV Systems	10 sets	50.00
647	Spare indicating alarm meters	50 no.	10.00
648	Precision components	50 nos.	20.00
649	Spares for Control Valves	5 sets	10.00
650	125 KVA BUS reactor	2 nos.	2200.00
651	BAY EXTENTION	1 no.	800.00
652	BF3 Neutron Detectors	34 Nos.	166.93
653	HV & LV Power supply units	24 Nos.	92.24
654	Solenoid Valves	60 Nos.	. 36.37
655	D2O Loss Monitoring System SPARES	1 lot	28.56
656	B1 type RTDs	15 pairs	22.08
657	DO analyser	2 nos.	14.00
658	Under water Radiation resistant camera	1	150.00
659	Logic cards of different types with test zig	1	10.00
660	New fuel dolly	2	54.00
661	Storage cupboard racks	6	10.00
662	Tools and measuring instruments set (Ram assembly special tools, Vernier digital height gauge, box spanner set, laser distance measurment, cordless wrench , Load cell, Digital Indicators etc)	1	20.00
663	Ram assembly tool	1	34.00
664	Self elevating platform	1	25.00
665	High pressure solenoid valve	2	25.00
666	High pressure catenary hoses	140	175.00
667	Shop hydraulic test facilities	2	20.00
668	Self elevating platform	1	25.00
669	Radiation resistant LVDT	12	30.00
670	Data acquisition system	1	100.00
671	Barksdale valves	10	50.00
672	SS tubes of sizes 3/8", 3/4", 1/2"	1	14.00
673	Pressure switches	210	210.00
674	Laboratory Analytical Instruments	4 Nos	10.00
675	Resins for Condensate Polishing Units (CPUs) – 2 batches	10000 ltrs	30.00
676	Spares for various lab instruments	As per requirement	10.00
677	Resins for DM plant – 1 batch	12000 ltrs	25.00
678	AMC of Instruments	6 Nos	10.00
679	Security upgrades IT	As per IT audit recommendati on	300.00

680	PCs servers	50	80.00
681	Network/Communication devices	20	40.00
682	BF3 COUNTER	50	325.00
683	Replacement of CCTV storage server , rack servers and cameras	lot	100.00
684	control cables of different sizes	3000 Mtrs	10.00
685	PIDS microwave detector /PIRs spares	6 nos	30.00
686	High Range monitor	1 No	15.00
687	Low range instruments	7 Nos	13.00
688	Portable exit scan monitor	1 No	28.00
689	Magnetic particle testing machine	1	15.00
690	UT flaw detector	2	10.00
691	Helium leak detector	1	30.00
692	Omni scan along with tomoview and its accessories	1	70.00
693	Genrator Rewinding Material	1 lot	1200.00
694	Air Conditioaners (5th Floor/600KVA UPS/NPICL Guest House/MAPS)	5 lots	130.00
695	Micom Relay	1 lots	24.00
696	Batteries of assorted ratings	5 sets	230.50
697	Spare for Turbine Generator	2 Set.	60.00
698	PCP oil cooler	2 Set	10.00
699	Bearing for Various equipment	150	45.00
700	Bellow seal valves	2 Nos.	15.00
701	Acid tank	1 Nos.	16.00
702	Spare for pump house CCWP and EPSWP	as required	200.00
703	Spare for HPPW and LPPW	3	25.00
704	Spare for valves	as required	20.00
705	Reinforcement Bar Scanner	1	20.00
706	Microprocessor based programmable controller	10 Nos.	50.00
707	Disturbance Recoding System	2 Set	500.00
708	Window Annunciation System	2 Set	1400.00
709	High Speed Data Recording System	1 No.	13.00
710	EQ Qualified E/A	2 Nos.	50.00
711	Diaphragm of Control valve	22 Nos.	20.00
712	Dew Point Transmitter	4 Set	15.00
713	Dew Point Transmitter along with probe and Ball Valve with Retractable Assembly	10 Set	37.00
714	Differential Temperature Transmitter and Temperature Transmitter	30 Nos.	18.00
715	Design, Engineering, Manufacturing, Testing, Supply, Delivery to site, Documentations and Guarantee of Fiber optic IP based CCTV system	6 Set	1550.00
716	Upgradation of NAPS-1 SEE to DVR type excitation sytem for NAPS-1 main generator	1 Set.	358.72
717	Replacement of conventional EMTR system with PLC based EMTR system.	2 Set.	570.00
718	Replacement of existing 415 V switchgear including electromagnetic relays in NAPS-1.	1 Set	1897.50

719	Replacement of existing 220 KV ABCB with SF6 type of circuit breakers	6 sets	280.90
720	Up-gradation of existing conventional relays of GT, Generator, SUT & UT by numerical relays	2 sets	175.00
721	OSU Motors for NAPS-1	6 Nos.	22.80
722	Water Lubricated Bearing	30 Nos.	68.25
723	FM drive end body	6 No.	39.55
724	Single stage oil hydraulic cylinder	2 no.	48.86
725	Separators assembly spares	10 set	22.00
726	Seal Kit for hydraulic cylinders	22 Set	46.01
727	Potentiometers	20 No.	50.00
728	Linear Variable Differential Transformer	20 Nos.	21.00
729	Hydrogen seal spares	1 Set.	62.00
730	Bearings	15 Set	12.00
731	CCW motor upper & lower bearing cooling coil	8 Set	55.30
732	Supply of Non Asbestos Compressed Fibre Gasket Sheet suitable for Water/Steam application	19 Set	24.90
733	Supply of Dynamically Balanced Taper-Lock V-Grooved Pulley	30 set	11.33
734	Gate valve & globe valve		50.00
735	Hydro tensioner	01 Set	50.00
736	TG Bearing	1 Set.	65.00
737	MS pipe scaffolding set	1 set	15.00
738	Thermal shield cooling coil	5	36.00
739	Evaporative cooling air ventilation system, having air low capacity-7500 CFM.	4 NOS	58.00
740	Manually operated BUTTERFLY VALVE", Size: 20"	2 NOS	10.10
741	Manufacturing/fabrication, testing, inspection and supply of Coil type HEAT EXCHANGER as per attached Specification No. PP-E-162	1 No.	60.00
742	LP turbine-2 stage-IV blades and blading Hardware	751	216.64
743	Turbine generator coupling bolts	36	152.00
744	Blees steam extraction quick closing non return valve	5	133.00
745	Bellow for neman hander make bellow seal globe	10	38.00
746	seperator drain Pump	2	170.00
747	PIPES OF DIFFERENT SIZE	lumpsum	51.00
748	CROMOLOY PIPES & FITTINGS OF DIFFERENT SIZE	lumpsum	140.00
749	PROCESS WATER CLORINATOR WITH SPARE	5	45.00
750	STRUCTURAL STEEL ITEMS OF VARIOUS SIZE	lumpsum	46.00
751	Large SDV trim set	2	75.00
752	Small SDV trim set	1	45.00
753	Re-heater tube bank assembly	6	660.00
754	BFP-03 along with spare	1	220.00
755	BFP-06 along with spare set	1	343.00
756	HP Heater-06 tube bundle and tube sheet	1 Set	350.00
757	Gland Packing	84 kg	15.00
758	Bearing	120	17.00
759	BFP-182 Mechanical seal spare set	4	37.00
760	Electrically operated gate and globe valves	4 Nos.	133.00
761	Spares for Moderator Pump	2 Sets	250.00
762	Spares for Vacuum Mopping Pump	1 Set	20.00

763	Mechanical Seals for Adjuster Drive Mechanism	6 Set	53.00
764	Control valve trim set	10	75.94
765	SPECIAL METALLIC FACE SEAL (SKINNER SEAL)	20	42.01
766	Valve & fittings	32	50.00
767	1-1/2" drive Pneumatic Torque Wrench/ multiplier	1	11.80
768	Water lubricated bearing "WLB-5A	5	28.00
769	Latch Tube & Ram C tube	4	67.99
770	Spray/Priming Pump Set with motor with spares	2	15.91
771	INFRARED CONTACTLESS PYROMETER	3	16.56
772	Macro Sensors	15	14.04
773	plunger for Aux. feed pump	12	13.58
774	Back pull out assembly	3	14.95
775	Separator spares	75	137.00
776	Supply of Bladder,dyna seal,uneeack seal,dowty seal,	276	16.74
777	Supply of Plate Type HX Channel plates with NBR gasket	190	30.50
778	Guide sleeve assemblies	4	43.43
779	TL CARDS	500	231.00
780	250 V DC & 48V DC electromagnetic relays , timers	lumpsum	20.00
781	1100V grade FRLS power cables of different sizes and quantities	lumpsum	10.00
782	415volt motors of different capacities confirming to IS-12615	lumpsum	20.00
783	Led lights of different wattages	lumpsum	10.00
784	Battery chargers	4	50.00
785	Industrial grade ball bearings	lumpsum	10.00
786	Maintenance tools	lumpsum	10.00
787	MCA based on-line FPNG monitoring System for Stack Exhaust Activity Monitoring	1 No.	35.50
788	Spare BARCIS drive tube signal cables	6 Nos.	13.50
789	Sapre SMPS Power supplies of CCTM and PIS	20 Nos.	14.00
790	Spare Parts of Area Gamma Monitors	18 Nos.	32.00
791	Spare Parts of water conductivity Meter	12 Nos.	12.00
792	Spares of CCTV systems (Camera, Network recorder, Network Switch etc.)	100 Nos.	50.00
793	Cables (Peek, Fire suevival & EPR insulated LHLS) for SAPMS	2500Mtrs	68.00
794	Liquid scintillation Counter for Bioassay Lab.	1No.	62.00
795	Perimeter Intrusion Detection System	1No.	430.00
796	Filters for Delaied Neutron Monitoring System	340Nos.	238.00
797	Spare Parts of BARCIS drive Tool	1 lot	30.00
798	Singl core PEEK cable for PHT, BLC & Moderator System	5000Mtr	32.00
799	Two Pair PEEK cable for PHT, BLC & Moderator System	5000Mtr	58.00
800	Analog Transmitters for EQ and Safety systems	20 Nos.	200.00
801	MIM Controllers	15 Nos.	225.00
802	DG CO2 Fire Fighting System for RAPS-1	1 Set	100.00
803	SMAR Controllers for secondary & non critical systems	10	50.00
804	BRATEC dew point sensor	2	120.00
805	TESCO dew point sensor for dryer and other application	10	10.00
806	Universal digital indicators for non critical systems	80	21.00
807	Solenoid valve with spare	12	20.00
808	High Capacity Pneumatic Booster Relay. Model- 61 H	80	34.00
809	Computerized Engraver Tag Printing Machine with Tages	1	16.00

810	Fisher E/A convertor & spares	10 Nos.	10.00
811	Flow gauges & spares for BSC system	60 Nos.	30.00
812	RADAR type level transmitters	10 Nos.	15.00
813	Bar Graph IAMS for safety system	150 Nos.	15.00
814	Oil catcher for Generator	2 Set	20.00
815	Bearing for Various equipment	102	10.00
816	Slade gland Packings	1 Lot.	43.00
817	Spare for Insulation material	as required	20.00
818	Spare for active high pressure pump	as required	12.00
819	Spare for valves	as required	10.00
820	Non asbestos and metallic gaskets	as required	40.00
821	various type of oil	as required	15.00
822	Mechanical seal	6 set	50.00
823	Spares for pumps	as required	20.00
824	Spares for Condensate extraction pump	4 set	25.00
825	Spares for valves	6 set	30.00
826	Spares for valves of Turbine feed water circuit	6 set	10.00
827	Spares for mechanical seal for RDP and SDP.	4 set	10.00
828	Spare plate for APW plate type HX and OSU HX.	as required	150.00
829	Spare for relief valve ( RV) of feed water circuit and PHT circuit.	6 set	20.00
830	Spare of Diesel fire water engine and it spares.	3 set	45.00
831	Metalic gaskets	as required	25.00
832	Structural steel material like channel,beam,plate etc.	as required	50.00
833	Welding electrodes and filler wire.	as required	10.00
834	Fire tender truck spares	2 set	10.00
835	Diaphrgms for different valves.	as required	10.00
836	round bars of different material for machine shop.	as required	15.00
837	Spare control valve and NRV for turbine feed water circuit	4 set	50.00
838	6.6kV Breaker replacement in Class-IV	47 Nos	414.70
839	Tools & Instruments	Lumpsum	10.00
840	Spares motors	as required	50.00
841	Reagent & Standard solution use for on line Sodium Analyser	2	11.00
842	Fire Survival Instrumentation Cables	lumpsum	13.20
843	On line chloride and sulphate analyser	1	63.00
844	HART communicator	2	12.00
845	Centre suppor	4 No.	31.00
846	Control valves spare	2 no.	90.00
847	Bellow seal valves	04 No.	20.00
848	Shuttle Bearing rings	50 nos.	10.00
849	Butter fly valves and spares	12 Nos.	30.00
850	Water Lubricated bearings WLB-5A	03 Set	18.00
851	Radiation Shileding Window Unit-3	02 Set	704.00
852	FT system ball valve Rotex actuator	12 nos.	20.00
853	Accumulator bladders	12 nos.	30.00
854	FM sysytem Bellivelli washer	200 nos.	20.00
855	potentiameters duncan	06 nos.	10.00
856	Spares for Material handling and Ventilation system equipments	Lump sum	370.00
857	Re-gasketing of Plate Type Heat Exchangers Plates	5612 nos	158.93
858	O-Rings/ Elastomers/ Gaskets	1000 nos.	10.00

859	Butterfly valve liners	30 sets	50.00
860	Mechanical seals of OSU pumps	10 nos.	20.00
861	Anti-friction bearings of PHT group equipments	As required	10.00
862	Bellow seal valves of PHT group	2 nos.	30.00
863	Vacuum moping pump spares	As required	18.00
864	MAL/EAL vacuum pump spares	As required	10.00
865	PCP mechanical seal	02 sets	140.00
866	PCP mechanical seal housing and sleeves	01 set	85.00
867	Spares of relief valves of PHT group	As required	20.00
868	Spares of ECCS and shutdown loop actuators	As required	15.00
869	Feed water circuit Control Vales and spares	As required	75.00
870	Gate, globe and Non-return valves for feed water system	As required	40.00
871	Spares of ARC valves of ABFP, RDP, SDP	As required	20.00
872	Mechanical seal & spares of RDP, SDP pumps	As required	75.00
873	EDG AVR	6 nos.	420.00
874	Standalone Power Quality & Measurement System	1 no.	28.00
875	ESCADA Server	3 nos.	48.00
876	ESCADA Workstation	7 nos.	35.00
877	Earth Fault Coordination Relay P122 for MCC feeder	55 nos.	50.00
878	400KV Bus Bar Protection Relay-CU	3 nos.	20.00
879	400KV Bus Bar Protection Relay-PU	26 nos.	90.00
880	OLTC Spares for UT	1 Set	15.00
881	OLTC Spares for SUT	1 Set	20.00
882	Tube Fittings	1 Lot	80.00
883	Conventional ionisation type smoke detectors	70 nos.	15.00
884	ACTUATOR DIAPHRAGM	1 Lot	20.00
885	Supply of K Smart Controllers	3 nos.	53.00
886	Electro-Pneumatic Converter	1 Lot	80.00
887	Alarm indicating meter	35 nos.	30.00
888	spares for inter zonal radiation monitors	1 Lot	45.00
889	RTDs for nuclear application	420 nos.	230.00
890	Video management system	1 Lot	550.00
891	Test and measuring instruments	1 Lot	48.00
892	Spares for DNM	1 Lot	150.00
893	Y drive Rexnord Couplings	02 set	100.00
894	WLB-8	02 set	15.00
895	WLB-2	02 set	18.00
896	Segault MVD spares	02 set	60.00
897	Nirmal MVD spares	06 set	40.00
898	FM supply pump Spares	04 Set	20.00
899	Needle Valve	10 nos.	10.00
900	Ram-C potentiometer	20 Nos	31.00
901	Borated rubber sheets, 3 different sizes	166 sheets	127.00
902	Furniture for control room and operation section upgradation of Audio Visual system	As required	121.19
903	NDCT IDCT Chemicals	73500 kg	110.00
904	Key Management System	2 no.	20.00
905	Helium Gas	2400 CMT	87.00
906	Activated Charcoal	4000 kg	12.08
907	Two way shut off Quick Release Coupling	60 nos.	15.41

908	Autotitrator	01 No	10.00
909	Fourier Transform Infra Red (FTIR) Spectrometer	01 No	25.00
910	Refractometer	01 No	10.00
911	Assistance for performing the task of HPU RRSU-5&6	1 nos.	30.00
912	LSA Spares	Lump sum	15.00
913	PCB Geiger muller tubes & other spares for Teletectors	Lump sum	15.80
914	Neutron Electronic Personal Dosimeter (EPD)along with the reader	10No.	20.00
915	Portable wide rage gamma radiation survey monitor( teletector)	4No.	20.00
916	LED & Solar Lights and assesories	10000	50.00
917	Procurement of spares for electrical actuators/actuators	16	80.00
918	SUT/GT/UT DGA system spares & consumables	2 Lot	40.00
919	Keltron panel spares	1 Lot	70.00
920	MCC & switchgear spares	1 Lot	75.00
921	220 kV & 400 kV system spares	1 Lot	80.00
922	Radiation Sources	5 nos.	20.00
923	High Volume Portable Air Sampler , Battery operated High Volume Portable Air Sampler	13	26.73
924	Neutron Electronic Personal Dosimeters 20 nos	20 nos.	30.00
925	Portable area gamma monitor	5 Nos.	30.00
926	LSA spares	spares	35.00
927	LSA	1 No.	66.00
928	Contamination monitors	4 nos.	20.00
929	Teletector	9 nos.	51.00
930	Radioisotope identifer	1 no.	25.00
931	Helmet Racks (station Item)	for 2000 helmets	40.00
932	Environmental Survey Monitor	5 nos.	25.00
933	TLD processing unit Furniture	3 Nos.	20.00
934	Floating Cover for EMP (Unit-7)	2852 m <sup>2</sup>	42.10
935	Cryogenic Container	7	55.00
936	SS-304 Drum of 200 Liter Capacity Cylindrical Drum	200 Nos.	51.00
937	Hydrogen Cylinder Bottles	250 Nos.	40.00
938	Macroporous Mix Bed Resin of MSAC : MWBA ratio as 30:70 in H+ & OH- Form	5000 liters	35.00
939	Mix Bed Resin of SAC : SBA ratio as 20:80 in H+ & OH- Form	8000 liters	32.00
940	Mixed Bed Resin as SAC : SBA ratio as 10:90 in Li+ & OH- Form	8000 liters	40.00
941	SAC Resin in Li+ Form	2000 liters	11.00
942	Mixed Bed Resin for DM plant as per Specification	3200 liters	26.10
943	Lewatit monopolous S-200 KR Resin for SGBBD IX as per Specification	38400 liters	120.00
944	Lewatit UP-1297 Resin for SGBBD IX as per Specification	45200 liters	210.00
945	Silica Gel as per IS :3401, Indicating type (orange colour) for IA Dryers	8000 kgs	12.50
946	Helium Gas (99.995% Purity)	7000 m <sup>3</sup>	300.00
947	Carbon dioxide Cylinders (Ultra high pure) for AGS	12000 kgs	47.00
948	Antiscalant, 100% Concentration in 50 Liter Cans	12500 liters	18.00
949	Sodium Meta Bi-Sulphate Powder, 100% Concentration in 25 Kgs Bags	25000 kgs	21.00
950	Caustic Soda Flakes, 100% Concentration in 25 Kgs Bags	15000 kgs	12.00

951	Sodium Hypochlorite Liquid, 12% Concentration in 50 Liter Cans	20000 liters	12.00
952	NaClO <sub>2</sub> (Sodium Chlorite) in Tankers (Chlorine di Oxide generation in ClO <sub>2</sub> Plant)	80 MT	80.00
953	EDTA di sodium (EDTA-2-Na) (For CIP of RO membrane), Technical grade	1200 kgs	12.00
954	Palladium Alumina Catalysts for Recombiners	70 kgs	47.00
955	CV-3 &4 Actuator	2 No.	12.00
956	Measuring Instruments	40	10.00
957	Latch Gear	10	12.00
958	Drive End Body	4	70.00
959	Separators spares	40	30.00
960	Ram Heads	15	30.00
961	Enera Pack	10	20.00
962	Gaskets	300	10.00
963	Sockets of various sizes	100	10.00
964	Servo-68 oil	5000 ltr	15.00
965	Power pack spares	2 set	50.00
966	Excess flow check valve	20	40.00
967	Rotary swivel joint fitting	50	20.00
968	Catenaries	50	20.00
969	RSJ seal kit	130	60.00
970	LVDTs	10	15.00
971	LVDT based LT	6	25.00
972	PIC Component	25	25.00
973	Digital pressure gauge	20	15.00
974	potentiometers	50	40.00
975	Go proximity Switches	20	11.00
976	Switches	15	10.00
977	MCR Modules	25	25.00
978	Supply & Install Bench Top Microprocessor Based pH	3	34.00
979	Supply and Install Bench Top Microprocessor Based Turbidity Meter	2	13.00
980	Moisture meter	2	17.50
981	Self-pressurizing LN <sub>2</sub> storage and transfer system 60 L	2	14.00
982	Single Beam Spectrophotometer	2	15.00
983	pH electrode	15	10.00
984	Gas Chromatograph	2	54.00
985	Double beam UV-Visible Spectrophotometer	2	32.50
986	Furniture and Fixtures for Non-active Chemistry Control Laboratory, TB-8 Annex, 100 mEL.	As required	42.00
987	Inductively Coupled Plasma Optical Emission Spectrometer (ICP OES).	1	85.00
988	Dual Channel Ion Chromatograph	1	83.00
989	Plastic wares	As required	14.50
990	Aerosol Generator	304	980.00
991	MAL / AAL Inflatable Seals	100 Nos.	10.00
992	AGS blower spares Set	20 Nos.	10.00
993	PIU bellows and hardware	10 Set	10.00
994	RD and RV spares for SDS 2 and LZCS	8 Nos.	100.00
995	Misc. Special tool for reactivity device	6 nos.	80.00



996	MAL hardware and elastomers ( Bearings, Cam, Hinge rods and its O-rings)	4 Nos.	60.00
997	LZCS and SDS 2 Traps Spares	4 Nos.	40.00
998	LZCS CV and AV spares	15 Nos.	50.00
999	VICTAULIC couplings	10 Nos.	15.00
1000	Traps and NRVs spare	15 Nos.	15.00
1001	Spares of DG starting air compressor	16 sets	200.00
1002	Spares of additional chilled water pump	10sets	200.00
1003	SS Valves	50 Nos	61.00
1004	HDPE Welding machines	3 items	27.00
1005	Non active drainage system spare	2 SETS	10.00
1006	Rupture Disc	12 Nos	265.00
1007	Moderator Pump repair	1 No.	100.00
1008	Filter for Liquid evaporation system	8Nos.	30.00
1009	SRV spare	As required	300.00
1010	PCP pump spares	08 Set	600.00
1011	PCP Motor Brakes and spares	08 Set	200.00
1012	ADS and ECCS Sump Pump Spares	22 Set	50.00
1013	PHT system L&T valve spares	300 Set	300.00
1014	ILP Valve and actuator spares	30 Set	50.00
1015	ECCS Valve and actuator spares	10 Set	20.00
1016	PHT system Gaskets	10000 No.	300.00
1017	PHT NRV trim	500 Set	80.00
1018	Shutdown Pump Spares	8 Set	300.00
1019	ECCS Pump spares	8 Set	200.00
1020	PHT system Elastomers	100000 No.	500.00
1021	PDHRS System Spares	50 Set	50.00
1022	EOT crane spares	35 Set	90.00
1023	Manual Hoist spares	300 Set	60.00
1024	Misc. MHE	50 Set	20.00
1025	Electric platform trucks	6 No.	25.00
1026	Laser welding machine	1Nos	15.00
1027	SS-304 L' solid round bar confirming to ASTM SA-484/SA-484M for general requirements of length 4.0 to 5.0 m and 40, 60, 80 20, 25mm diametre	150Kg each	25.00
1028	Procurement of pipe fittings	200 No	15.00
1029	Spare Of Generator	2 set	100.00
1030	Spare of Lube oil system	3 set	50.00
1031	Spare of Control oil system	4 set	60.00
1032	Control oil	10 Drums	40.00
1033	Lube oil ISO VG 32	200 Drums	50.00
1034	System Filters	2 Set	10.00
1035	System valves	1 Set	10.00
1036	ASDV spares	2 set	76.00
1037	PTFE SHEETS	100 Kg	20.00
1038	Gas system spares	1 set	40.00
1039	Sparkless tools for TG	2 set	20.00
1040	FWSS spares	34	30.00
1041	He manifold spares	10	10.00
1042	Rotex SVs	60	10.00

1043	Transmitter mechanical spares	300	14.00
1044	AV spares	100	49.00
1045	SBEM ULTs	20	20.00
1046	Techtrol limit switches	50	30.00
1047	electronet ultrasonic flowmeter	20	15.00
1048	electronet LPI	15	10.00
1049	BMS system spares	20	20.00
1050	Allied connectors for RRS / RPS	300	45.00
1051	LZCS CV Spares	70	56.00
1052	Baldota Transmitter Spares	1500 item	14.00
1053	Bearing Monitor assembly	26	29.00
1054	Control Valve SMC Positioner	30	30.00
1055	TG Profibus cards	40	90.00
1056	SS Fittings	1000	60.00
1057	Store Consumables	500	10.00
1058	DM Plant & CLO2 plant spares	50	48.00
1059	Fire Detectors	60	35.00
1060	Spares for CSDV	8	37.00
1061	Spares for AFW CVs	12	38.00
1062	Radar type level transmitters	30	40.00
1063	Pressure Calibrators	15	41.00
1064	Digital Pressure Indicating Gauges	20	20.00
1065	Tool Kit for Technicians	50	43.00
1066	Spares Profibus enabled transmitters	100	45.00
1067	Snubber monitoring spares	20	60.00
1068	Raditaion monitoring Spares	100	95.00
1069	Ultrasonic flaw Detector m/c	1 No.	25.00
1070	Helium Leak testing m/c	1 No.	32.00
1071	LASER particle counter	1 No.	10.00
1072	FTIR (Fourier Transform Infra Red Spectrometer)	1	20.00
1073	Digital Refractometer	1	16.00
1074	Dissolved Oxygen Meter	1	12.00
1075	Pre owned instrument (MCA, Ion Chrmtograph, Gas Chrmtograph, Coulometer, pH meter, Conductivity meter, Flame photometer, Atomic Absorption Spectrophotometer, Turbidity meter, Visible spectrophotometer, Dissolved oxygen meter, G M Counting system, Fourier Transform Infra Red Spectrometer, Digital Refractometer, Ovens, Furnaces, Ultrasonic cleaner, Ultra water purification system, Refregerator, Total organic carbon analyser, Digital semi micro balance) Spare parts	As required	12.00
1076	Resin	6000 ltr.	34.18
1077	Gadolinium Nitrate (Neutron Poison)	200 kg	43.78
1078	AGS dew point sensor & transmitter	15	52.50
1079	CCW power pack relay (Rexorth)	300	15.00
1080	Pancake GM Radiation detector	200	50.00
1081	LZC CV positon transmitter	10	20.00
1082	K-smart controllers with sensors for chillers	5	10.00
1083	Dew Point Calibrators (Chilled Mirror)	1	40.00
1084	X-ray Bagagge Machine	1	25.00
1085	Brass fitting	1 Set	10.00

1086	SS fittings	1 Set	35.00
1087	05 micron PRV for PHT/ASDV	100	30.00
1088	ASDV Diaphragm	4	20.00
1089	Test bench for testing of the electrical measuring instruments.	1	10.00
1090	415V power cables	5km	300.00
1091	Transformer Winding Resistance Kit	1	14.00
1092	MCC panel spares	01 lot	25.00
1093	Transformer Oil	40 KL	60.00
1094	AC/DC capacitor of PUPS	2 Set	40.00
1095	Earth fault detection module of DG	2 Nos.	10.00
1096	Upgradation Control Battery	26 Nos	1500.00
1097	50kW Solar Plant for TMS site	18 Nos.	362.00
1098	Snout metallic face seals	30	35.00
1099	Ram manipulators	8	96.00
1100	Wet quarantining Plugs	10	120.00
1101	FM Head Catenaries	100	120.00
1102	Rectilinear Potentiometers	3	11.00
1103	FM Headmechanical seal spare items	20	20.00
1104	HPGe detector along with MCA and other accessories	1	50.03
1105	portable HPGe detector along with MCA and other accessories	1	60.00
1106	Spares for Liquid scintillation analyzer	15	10.00
1107	Butterfly valves for ASW systems	10	64.00
1108	Fasteners for general use	1000	15.00
1109	ASW SCF basket	3	10.00
1110	SCF spares	10	92.00
1111	Spare blades for Turbine	24	500.00
1112	Vacuum pump impeller	5	17.00
1113	Bellow assemblies for turbine	6	40.00
1114	Debris filter spares	50	28.00
1115	Water box priming pumps spares	1	17.00
1116	BFP re-circulation CV spares	6	192.00
1117	CEP bowl assembly spares	2	124.00
1118	Hydraulic coupling spares	6	45.00
1119	CCW Casing cover	2	78.00
1120	ASW pump shafts	18	28.00
1121	ASW pump impeller	1	22.00
1122	CCW motor bearings	6	110.00
1123	Spares diaphragm valves for SW system	20	15.00
1124	Rubber line spools for SW pump	5	11.00
1125	Fouress valve spares for CCW	25	48.00
1126	APW PHE spare plates	900	1600.00
1127	SW Basket Filter	4	15.00
1128	Thrust Bearing Cooling Coil for CCW	1	45.00
1129	CCW discharge MV hydraulic cylinder	6	18.00
1130	Spares for ventilation dampers	50	20.00
1131	Duct pipe of FRP	25	11.00
1132	FRP louvers	100	10.00
1133	Anchor bolts	2000	20.00
1134	Y post fencing angles	850	75.00
1135	Welding electrodes	1000	10.00

1136	Cutting tools, hand tools and tackles	500	10.00
1137	Raw material for machine shop	1000	10.00
1138	Rubber sheets and O rings cords	50	35.00
1139	RD for PHT and Moderator	4	50.00
1140	Zeta filter	6	50.00
1141	MIL spares for PHT CVs	50	40.00
1142	Mechanical seals for DG pumps	20	12.00
1143	DG gaskets and cylinder spares	12	20.00
1144	Hot line washing valve spares	40	10.00
1145	R-134a cylinders	30	30.00
1146	Metallic bellow for DG smoke stack	4	20.00
1147	Oil and grease lubricants	1000	25.00
1148	Bearings	500	125.00
1149	Paints and primers	1000	20.00
1150	Scaffolding items	200	40.00
1151	Insulation material	1000	50.00
1152	Pipes and fittings (Metalic)	1500	50.00
1153	Pipes and fittings (Non-Metalic)	1500	50.00
1154	Structural steel	5000	10.00
1155	Ultrapure Carbon Dioxide gas (2 years rate / running contract)	21000 C.M.	54.00
1156	Hydrazine Hydrate	3500 litre	15.00
1157	On Load Tube Cleaning (OLTC) Balls (2 years rate / running contract)	350000 Nos.	31.00
1158	Strong Base Anion (SBA) Resin	6950 litre	16.00
1159	Mass spectormeter Helium Leak Detector and accessories for fresh fuel inspection	1	35.00
1160	Radiation resistant camera & accessories	1	125.00
1161	BARCIS inspection heads for coolant channel inspection	3	55.00
1162	Spare UT module for Omniscan MX-2 UT machine used for BARCIS	1	26.00
1163	Eddy current test instrument for garter spring location detection	1	15.00
1164	Base unit for M/s. Phoenix make Helium Leak Detector comprising of Turbomolecular Pump, Spectrometer tube & electronic cards	1 set	20.00
1165	Industrial digital Videoscope and accessories	1 set	15.00
1166	Flat belt camera system for secondary side inspection of steam generators	1 set	60.00
1167	WMP-Truck(18Te)	1 No.	35.00
1168	Waste Disposal Hopper	85Nos	30.00
1169	Baling Drum	1000Nos	36.00
1170	Checicals(Polymerization)	5000Kg	12.00
1171	Kirlosker Ebra HP Pump 7 stage	1 No	93.71
1172	Kirlosker Ebra HP Pump 9 stage	1 No	100.65
1173	Kirlosker Ebra HP Pump 7 stage Spares	1 Set	111.98
1174	Kirlosker Ebra HP Pump 9 stage Spares	1 Set	107.51
1175	Kirlosker Brothers Product water Pump spares	2 Sets	102.77
1176	Sulzer sea water Pump	4 Nos	89.89
1177	Sulzer reject water Pump	1 No	25.29

1178	Membrane	2 Sets(2 x18Nos)	70.20
1179	Tyres for Russian Truck K3KT-7423	5 Nos	27.77
1180	New Tyre Inflator set for Department vehicles	01 Set	10.00
1181	Ammonium Hydroxide	400 MT	98.70
1182	Caustic Soda Lye	320 MT	132.16
1183	Nitric Acid,AR Grade	10KL	12.70
1184	Sulphuric Acid	750 MT	69.03
1185	EDTA Free Acid extra pure	4000 kg	10.48
1186	VAT residue immobilization container	800 Nos	197.42
1187	KPA Pressing system barrels	800 Nos	115.70
1188	GROUP-3 TYPE-1 Capsule assembly	50 Nos	56.05
1189	GROUP-3 TYPE-2 Capsule assembly	30 Nos	40.71
1190	Resin GP-1 immobilization container	200 Nos	49.35
1191	Resin GP-2 immobilization container	200 Nos	49.35
1192	EPABX (Telephone Exchange) critical spare cards with licenses for Site & Township	2 Sets	28.00
1193	Spare Projectors, Screens & Monitors	5 sets	21.00
1194	X-Ray Baggage Machine	2	30.80
1195	UPS	2	25.00
1196	Security Gadgets (NVB)	3	15.00
1197	Work Stations	20	25.00
1198	Supply, Installation and Commissioning of CCTV Cameras	123	212.41
1199	Upgradation of ACS	1	600.00
1200	Server	2	20.00
1201	Portable contamination monitor	5	15.00
1202	Gamma survey meters	5	25.00
1203	Transportable Gamma Scanner	4	160.00
1204	Procurement of Childrens Park Play equipments for Anuvijay Township Parks	1	100.00
1205	Procurement of Ozone Generator for Tertiary Treatment Plant at Anuvijay Township Parks	1	40.00
1206	Procurement of Lab Equipments for AEC School at Anuvijay Township	1	75.00
1207	Nitrogen Pressure Regulating Valve	30 Nos	30.00
1208	AC to DC Converter	50 Nos	50.00
1209	Calorific Flowmeter - Ventilation Flowmeter	30 Nos	45.00
1210	Switch Mode Power Supply	150 Nos	100.00
1211	Mass Flow Controller	4Nos	25.00
1212	Spare for Industrial Laundry machine	300Nos	150.00
1213	Low Range Pressure Calibrator	1No	25.00
1214	Radiation tolerant camera	20Nos	100.00
1215	1KVA Rackmount UPS	20Nos	14.00
1216	Noble Gas monitor	2Nos	120.00
1217	Wireless accessories and walkie-talkies	150Nos	100.00
1218	BNC monitors and camera/DVRs+ External HDDs	10Nos	25.00
1219	AFPS Master controller accessories	13Nos	35.00
1220	Network switches for AFPS	165	465.00
1221	Power system AC to DC for communication system	40Nos	50.00
1222	RO plant I&C upgradation (field and panel)	1Nos	150.00

1223	Furniture for AFPS labs in USV, UKU and Switchyard	5Nos	15.00
1224	Indigenization of clock system CYG	1Nos	50.00
1225	Temp. Indicator cum controller, 230V AC	50Nos	15.00
1226	PPS upgrade	1Set	1800.00
1227	Procurement of Video Conferencing system solution	4	280.00
1228	Procurement of Mono MFP	180	72.00
1229	Procurement of colour MFP	70	35.00
1230	Procurement of Printer consumables-Cartridge	2000	100.00
1231	Procurement of Printer consumables-ink bottles	1000	50.00
1232	Procurement of Printer consumables-ITB	200	100.00
1233	Procurement of Printer consumables-FUSER KIT	200	100.00
1234	Procurement of Digital class room system solution	3	150.00
1235	Procurement of next generation Firewall solutions	5	375.00
1236	Procurement of VDI solution	200	200.00
1237	Procurement of COTS softwares	150	75.00
1238	Procurement of OFC Cable	15000	30.00
1239	Procurement of Cat 6/Cat 6a / Cat 7 UTP cable	16000	80.00
1240	Procurement of OFC Patch Panel	70	35.00
1241	Procurement of Cat 6/Cat 6a / Cat 7 Patch Panel	70	35.00
1242	Procurement of Server hardware	7	140.00
1243	Procurement of Operating system licenses	6	120.00
1244	Procurement of Backup solution	1	100.00
1245	Establishment of File sharing facility for Intranet and Internet PCs.	1	100.00
1246	Storage(4 draw, 2draw, BC, LFC) for 5&6	296	13.63
1247	School furniture	As required	50.00
1248	Paper copier in super white colour of 75GSM. A4 size. Ream of 500 Sheets in mills original packing	7558	21.87
1249	Seismically qualified LED light fittings	5000	200.00
1250	Transduser for voltage/power/current	300	25.00
1251	Conventional lighting system spares	500	10.00
1252	GI stips	10000 Mtr	20.00
1253	Copper strips	5000 Mts	75.00
1254	120 TR chiller plant and its auxiliary equipments	3 Nos.	200.00
1255	Dummy New fuel assembly of KKNPP	1 No.	10.00
1256	hand tools for MMU tool crib	Multiple itemsNos	17.30
1257	spare PHE ( plate type heat exchanger) plates for KAA system PHE's	Multiple itemsNos	1630.80
1258	MMU Tool crib requirement	Multiple itemsNos	14.94
1259	Bearings for motor of KAA pump	6Nos	15.13
1260	Re gasketing of KAA Hx plates	Multiple itemsNos	50.02
1261	Tools kit sets for maintenace work with tool box	10Nos	21.06
1262	Rubber bladder for chilled water tanks	2Nos	20.08
1263	Digital ultrasonic flaw detectors	2 Nos	12.00
1264	Video inspection system	2 Nos	24.92
1265	Positive material identification machine	1 No	26.00
1266	Kirlosker Brothers Product water Pump spares	2 Sets	102.77

1267	Liquid Nitrogen recycler	1	40.00
1268	Technical Diagnostic System for Reactor Coolant pump	2Nos	200.00
1269	Express Integrated Leak Cate Measurement system for reactor Containment	2Nos	150.00
1270	UFC door limit switches + Skip transfer trolley limit switches	50Nos	10.00
1271	CMU store consumables	10Nos	15.00
1272	Corrosion monitoring system - DMM, PXI chasis, switch	2Nos	20.00
1273	Reed switches	50Nos	10.00
1274	Procurement of fiber Patch Cords	400	10.00
1275	Procurement of Network racks	40	12.00
1276	Procurement of Operating system licenses	8	160.00
1277	Trailer fire pump	1	20.00
1278	Fire Extinguishers	1000	50.00
1279	Clamps for 400KV & 230KV lines.	100	10.00
1280	400kv spare Lightning Arrestors	6	24.00
1281	Cation resin for KBH & KBE system	2500 litres	35.00
1282	Anion resin for KBH & KBE system	2500 litres	30.00
1283	Electrical Trainer Kit	1 Set	40.00
1284	120 TR chiller plant and its auxiliary equipments	3 Nos.	250.00
1285	Upgrading the existing exhibits	50 Nos.	25.00
1286	Semi-Automatic TLD Reader	3	36.00
1287	Spare plates for XJG/XJV PHE's	Multiple itemsNos	750.00
1288	Drain Pumps & Spares	Multiple itemsNos	27.85
1289	Sewerage / Drainage pumps	4Nos	26.53
1290	Spare Hydraulic actuator (Governor)	2Nos	70.00
1291	Portable pumps	Multiple itemsNos	22.94
1292	Gaseous fire extinguishing (SGE) Modules	168Nos	674.00
1293	Canopy for ESBO DG's	Multiple itemsNos	25.50
1294	Spares of Main steam Line Valves	Multiple itemsNos	6492.00
1295	Refrigerated Type Hydrogen Gas Drier	2Nos	70.76
1296	MSR Crossover Pipe line Expansion Bellow	Multiple items	620.61
1297	Peristaltic pump for PUZ system	Multiple itemsNos	77.27
1298	Cooling Fan for CCW pump main motor	12Nos	11.61
1299	Spare frames for travelling water screens	Multiple itemsNos	241.74
1300	Titanium flanges	Multiple itemsNos	163.67
1301	Titanium welded fittings	Multiple itemsNos	81.69
1302	Sleeves for PCC,PEC pumps	Multiple itemsNos	63.41
1303	New Journal Bearing for CEP-2nd stage pump	6NOS	19.67
1304	Bearing for CEP-2nd stage pump motor and XAV pump & motor	Multiple itemsNos	23.05

1305	Bearing for CEP-1st stage Pump Motor	Multiple itemsNos	33.86
1306	Expansion Bellow for sea water pipeline of Main Condenser	Multiple itemsNos	82.02
1307	Modified Extraction Arm for PBB debris filter	Multiple itemsNos	241.43
1308	LP heater#2 level control valve and deaerator level control valve	Multiple itemsNos	743.34
1309	Portable X ray machine	1 no	45.00
1310	End Shield Assembly and associated components for GHAVP-4	1 Set (2 Nos. of ES)	11210.00
1311	SS304L Plates of End Shields	6 Sets	13903.00
1312	SS304L Lattice Tubes of End Shields	6 set (5110 Nos.)	12025.00
1313	Steam Generator Pressure boundary Forgings of Material 20MnMoNi55	4 Sets ( for 16 no. of SGs)	35200.00
1314	Pressuriser & Bleed Condenser Pressure boundary Forgings of Material SA 508 Gr.3 Cl1 material ( for 4 no. of BCD and 4 no. of PRZ)	4 sets ( for 4 no. of BCD and 4 no. of PRZ)	6200.00
1315	Fabrication of Pressuriser & Bleed Condenser assemblies	2 sets ( 2 no. of Bleed Condensers and 2 no. of Pressurisers).	4058.00
1316	Insurance for TGP & TISCS supply and services package(EAR Policy)	1	1000.00
1317	American Petroleum Institute (API) Pumps package	44 pumps with motors & 34 bellows	
1318	Nuclear Island Mega EPC Package	1	1160000.00
1319	AAFR Spent fuel storage facility	1	203.67
1320	Procurement of DEC- Mobile Pump Units for KKNPP-3&4	2 Nos.	1496.00
1321	Centrifugal pumps for Additional DEC Management Systems	4 Nos	467.77
1322	Gate Valves (motorized and manually operated) and Check Valves Safety Class-2 &3 for DEC and Post Fukushima System	118 Nos.	572.84
1323	DEC – Pipelines, fittings& supports	39MT	213.14
1324	Supply of Fire Retardant paint	600000 kg	3978.96
1325	EPC of DEC- DG Sets and its Auxiliaries Package	2 Nos.	2106.00
1326	Risk Spectrum for upcoming projects	3	200.00
1327	12 SS Tanks and 02 CS Tanks	14 Nos.	3071.38
1328	Oil Filled Transformers & Shunt Reactors	12 Nos	13978.00
1329	EPC – Main Plant Electrical Package	1	220148.00
1330	EPC – Common Services, Ventilation & Mechanical Equipment Package	1	306987.00
1331	Carbon 14 analyzer	2	100.00



1332	Procurement of Childrens Park Play equipments for Anuvijay Township Parks	1	100.00
1333	Procurement of Ozone Generator for Tertiary Treatment Plant at Anuvijay Township Parks	1	40.00
1334	Procurement of Lab Equipments for AEC School at Anuvijay Township	1	75.00
1335	Procurement of heavy duty crane	1	17500.00
1336	Hiring of heavy duty crane	2	2500.00
1337	Mechanical Erection Package for KK-5&6 (Nuclear, Turbine Generator and Sea water systems)	Lumpsum	113800.00
1338	Miscellaneous Mechanical works.	Lumpsum	355.00
1339	Procurement of EOT crane for C&MM warehouse	12	180.00
1340	Design, Engineering, preparation of drawing, supply, fabrication, transportation, erection, documentation & handing over of Pre-Engineered Buildings (PEB) for Warehouses (WH-7 & WH-8) at KKNPP-5&6 site	2	107.00
1341	MHE erection package	Lumpsum	365.78
1342	HVAC erection package	Lumpsum	6430.50
1343	BOP Structures Civil works	Lumpsum	41500.00
1344	Main Guard House KK1 - 6 security Gadgets	Lumpsum	1000.00
1345	Area and Road Lighting electrification Works	Lumpsum	300.00
1346	Electrical Infrastructure Network and equipment for KK-5&6 main plant area.	Lumpsum	200.00
1347	Telecommunication and CCTV , PA and other C&I Infrastructure Instrumentation works	Lumpsum	1000.00
1348	Erection All Risk Insurance policy	Lumpsum	21900.00
1349	Tail end Marine Insurance policy KK1 - 6	Lumpsum	1200.00
1350	Application fees for Grant of Connectivity to PGCIL	Lumpsum	200.00
1351	Construction power supply payment to TNEB for HT-131	Lumpsum	2500.00
1352	Operation and Maintenance of Substations	Lumpsum	300.00
1353	CCTV camera system for Main Plant Boundary	Lumpsum	500.00
1354	Misc. Electrical items Procurement	Lumpsum	200.00
1355	Simulator building E&I works	Lumpsum	1000.00
1356	Construction of MGH, MPB, Road & drain	Lumpsum	900.00
1357	Additional infra works @ CMM	Lumpsum	500.00
1358	Housekeeping - POC	Lumpsum	130.00
1359	Office service Assistant works	Lumpsum	900.00
1360	Supervisory Assistant works	Lumpsum	600.00
1361	Guest Hosue Maintenance & Operation contract	1	700.00
1362	Single beds	140	35.00
1363	Single Mattress	140	21.00
1364	Hiring of Premium SUV vehicles for Directors (for three years from 01.09.2024 to 31.08.2027)	78	2081.27
1365	Procurement of vehicle for CMD	1	80.00
1366	Housekeeping Service Contract including supply of consumables for HQs for the period of 02 years (2024 – 2026)	1	876.91
1367	Housekeeping Service Contract including supply of consumables for HQs for the period of 02 years (2026 – 2028)	1	965.00

1368	Maintenance & Service Contract including supply of consumable for NPCIL QA, Hyderabad (Guest House & QA Office) for 02 years (2024 - 2026)	1	212.19
1369	consumable for NPCIL QA, Hyderabad (Guest House & QA Office) for 02 years (2026 - 2028)	1	233.00
1370	Security Service Contract for 02 years for NPCIL QA, Hyderabad (2025 - 2026)	1	37.56
1371	Security Service Contract for 02 years for NPCIL QA, Hyderabad (2027 - 2028)	1	41.32
1372	Furniture Maintenance Contract NPCIL HQ including supply of spare parts as and when required for 02 years (2024 - 2026)	1	146.69
1373	Furniture Maintenance Contract NPCIL HQ including supply of spare parts as and when required for 02 years (2026 - 2028)	1	162.00
1374	Photography and Videography Service Contracts for official events at NPCI, HQ for 02 years (2025 – 2027)	1	20.00
1375	Conference Tables	25 nos	15.00
1376	Revolving chairs	200 nos	
1377	Computer tables	100 nos.	
1378	Visitor chairs	100 nos	
1379	Pedestal	100 nos.	
1380	Filing cabinets	100 nos.	
1381	Almirah	100 nos.	
1382	Book selves	100 nos.	
1383	Upgradation of VSAT systems for HQ and Stations	1 system	2500.00
1384	ILL and LL FW and Routers upgradation	Lot	200.00
1385	MCU for Video Conferencing system	1 set	200.00
1386	Video conference systems with Display systems at HQ	12 sets	140.00
1387	Audio Visual system upgradation for Auditorium and Seminar Hall	Lot	170.00
1388	Audio Visual system for D-3 Conference room	Lot	30.00
1389	CCTV and Other security gadgets for NUB, WTC, TVS and GH	Lot	190.00
1390	Setting of Emergency response centre at VSB (VSBECE)	Lot	400.00
1391	FAX machines	20 Nos	10.00
1392	ACS and TAMS system for RQAC offices, Project and Liasion offices	Lot	100.00
1393	Display units for Director offices and functionla offices	Lot	20.00
1394	CFVS instrumentation	Lot	500.00
1395	Contract for renovation of learning centre including furniture	1	50.00
1396	Furniture for conference rooms	2	10.00
1397	Purchase of blazer, tie, tie pin and accessories for ETs	410	20.50
1398	Highend server for computational fluid Dynamics analysis	2	140.00
1399	Parallel licenses (HPC pack)of the CFD software ANSYS	4	110.00
1400	Risk Spectrum for upcoming projects	3	200.00
1401	Surface water modeling software for flood analysis	1	15.00
1402	Surface modelling software for flood analysis	1	15.00