

**LIST**  
**item "FACILITIES" for year 2022**

Item no.	Nomination of purchases of goods and other investment costs	M.U.	Rectified 2022 REB proposal	
			Quantity	Amount
0	1	2	3	4
	<b>Cernavoda NPP Branch</b>			<b>94,764</b>
1	Portable device for pneumatic handling of manually-operated valves	pcs.	0	-
2	Heavy water to complete the inventory of U1 and U2	kg	11,900	27,590
3	Office-type metal barrack, 6X2.5M	pcs.	11	516
4	Duplex metal barrack, 6 X 4.9M	pcs.	1	74
5	Pirelli gaskets (expansion compensator for condenser)	pcs.	3	640
6	- Air-conditioning systems	pcs.	25	475
7	Spare parts reclassified d as plant, property and equipment	lot	1	15,000
8	Weighing platform with access ramp	pcs.	0	-
9	Megger Sverker 900 three-phase protective relay test kit	pcs.	1	92
10	Portable 10A micro-ohmmeter	pcs.	2	44
11	Megger BM 25 megohmmeter	pcs.	2	43
12	Data acquisition kit - 4 analog channels, universal input, 10" TFT LCD screen	pcs.	2	211
13	Ohmic resistance measurement kit for Megger MTO330 power transformers	pcs.	1	355
14	Fluke 435 series II power quality analyzer	pcs.	2	65
15	Fluke 381 remote-display clampmeter	pcs.	3	13
16	Fluke 715 calibrator	pcs.	2	14
17	Megger BGFT detector, capacity 0.01mf-11.1mf	pcs.	2	94
18	PME-500-TR three-pole circuit breaker analyzer	pcs.	1	34
19	Small SKF bearing inductor code TIH 030 with temperature control 0-250cel	pcs.	2	35
20	TMBH 1 SKF 100-240v/50hz induction heater, 300w, internal diam.=20-100mm, temp.control=0-200cel	pcs.	2	21
21	Laser alignment kit for rotary machines, shaft diam.=20-450mm and measuring distance~10m, fully equipped	pcs.	0	-
22	Device for measuring the level of CO2 in cylinders	pcs.	0	-
23	Multichannel vibration collection and diagnosis system	pcs.	0	-
24	Aluminum water gun with 1" nozzles	pcs.	0	-
25	Pipe bundle cleaning system for heat exchangers	pcs.	0	-
26	Infrared thermovision camera for thermographic inspections	pcs.	1	229
27	Ultrasonic detector, verification/calibration services	pcs.	0	-
28	Universal machine for carpentry works	pcs.	0	-
29	Oil analysis minilaboratory	pcs.	0	-
30	Sand-blasting machine	pcs.	0	-
31	Transportable overhead platform, working height 12 m	pcs.	3	137
32	Lifting platform, maximum working height 3 m	pcs.	17	592
33	Telescopic ladder with adjustable platform with 360 deg protection parapet, 5 steps	pcs.	8	13
34	Telescopic ladder with adjustable platform with 360 deg protection parapet, 3 steps	pcs.	8	16
35	Transportable overhead platform, working height 9.8 m	pcs.	7	289
36	SLOW MOTION recording equipment	pcs.	1	204

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37	Portable gas analyzer for generator	pcs.	0	-
38	Thermostatic bath	pcs.	0	-
39	Rotary hammer, power 1500W, SDS-MAX clamping system	pcs.	0	-
40	Freon recuperator with oil separator, freon cat. III, IV, V, 220V / 50Hz, motor power 1Hp/ 730W	pcs.	0	-
41	Pressure washing machine/wap, motor power: 1850w, pressure 240bar	pcs.	0	-
42	Manual hoist with chain, lifting capacity 10000dan/kg, h=6m	pcs.	0	-
43	Manual chain hoist, lifting capacity: 10000kg; lifting height: 10m, with 3 chain rows	pcs.	0	-
44	Manual hoist trolley, capacity 10000kg, chain length 6m	pcs.	0	-
45	Manual hoist trolley, capacity 10000kg, chain length 10m	pcs.	0	-
46	Hydraulic cylinder with plain action, capacity 25t, stroke 311mm, tightening height 425mm, oil capacity 1033cm <sup>3</sup>	pcs.	0	-
47	Hydraulic cylinder with plain action, capacity 15t, stroke 152mm, tightening height 271mm, oil capacity 308cm <sup>3</sup>	pcs.	0	-
48	Cylinder with drilled piston with plain action, capacity 20t, stroke 50mm, tightening height 188mm, oil capacity 164cm <sup>3</sup>	pcs.	0	-
49	Hydraulic cylinder with plain action, capacity 15t, stroke 254mm, tightening height 373mm, oil capacity 561cm <sup>3</sup>	pcs.	0	-
50	Cylinder with drilled piston with plain action, capacity 20t, stroke 150mm, tightening height 315mm, oil capacity 491cm <sup>3</sup>	pcs.	0	-
51	Hydraulic cylinder with plain action, capacity 15t, stroke 356mm, tightening height 474mm, oil capacity 723cm <sup>3</sup>	pcs.	0	-
52	Hydraulic cylinder with plain action, capacity 10t, stroke 365mm, tightening height 450mm, oil capacity 516cm <sup>3</sup>	pcs.	0	-
53	Hydraulic cylinder with plain action, capacity 25t, stroke 102mm, tightening height 215mm, oil capacity 339cm <sup>3</sup>	pcs.	0	-
54	Hydraulic cylinder with plain action, capacity 25t, stroke 158mm, tightening height 273mm, oil capacity 525cm <sup>3</sup>	pcs.	0	-
55	HART communicator	pcs.	4	499
56	Recorder with universal input, 18 channels	pcs.	0	-
57	Spare parts for U1OP22 turbo-generator maintenance	lot	1	13,830
58	Standard resistor, 100 MOHM	pcs.	1	15
59	Standard resistor, 10 MOHM	pcs.	1	15
60	Three-phase calibrator for testing energy meters	pcs.	1	120
61	Filling canisters with heavy water, metrological certification of heavy water canisters	lot	1	200
62	USN60 KRAUTKRAMER ultrasonic defectoscope with accessories	pcs.	2	125
63	Video equipment for visual inspections	pcs.	0	-
64	Ultrasonic flow measurement equipment and accessories	pcs.	0	-
65	Equipment and accessories for examination with magnetic powders	pcs.	0	-
66	Thickness measurement equipment	pcs.	0	-
67	Hydraulic testing kit, GE Druck P/N PV212-23-104-b-23s, with portable hand pump and digital pressure gauge, pump model PV212, pressure range 0-1000bar, digital manometer model dpi 104, pressure range 0-1000bar	pcs.	0	-
68	Pneumatic and hydraulic testing kit, GE Druck P/N PV411A-104-hp- 1-18-g, with manual pump and digital pressure gauge, pump model PV411a, pneumatic pressure range 0-40bar, hydraulic 0-700bar, vacuum 0-950mbar, digital manometer model dpi 104, pressure range 0-200bar, accuracy class 0.05%fs	pcs.	0	-

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69	GE Druck standard digital manometer with internal sensor, model dpi705e	pcs.	2	7
70	GE Druck standard digital manometer, model dpi 104	pcs.	4	41
71	AECL tool set for underwater inspection of burnt fuel bundles	pcs.	1	11
72	MID coupling device central support set	pcs.	2	731
73	Grapple extension for the fuel grab tool ("GE")	pcs.	0	-
74	RAM Grapple ("RGA") cylinder attachment adapter set	pcs.	0	-
75	GIF tool setting platform	pcs.	0	-
76	Fuel Adapter Tool ("FAE")	pcs.	0	-
77	Gas valve and cylinder set	pcs.	8	590
78	Bellow assembly for MID potentiometers	pcs.	10	515
79	MID cylinder head set	pcs.	5	95
80	UV-VIS spectrophotometer	pcs.	2	151
78	Hydraulic oil analysis system	pcs.	2	470
79	Scintillating liquid analyzer	pcs.	1	452
80	Sodium analyzer (low level)	pcs.	1	69
81	BOGE screw compressor type CL 7, 10BAR	pcs.	2	52
82	Program for the thermal performance of the plant and license/specialized off-line software model.	pcs.	1	207
83	Technical support for the thermal performance programme 1 year.	pcs.	0	-
84	SIEMENS programming console	pcs.	0	-
85	Spare parts for SDG-U2 groups maintenance	lot	1	3,061
86	SAP2000 computing software	pcs.	0	-
87	Acquisition of 3D scanner used for reverse engineering activities.	pcs.	0	-
88	Running of the Snubbers Program (purchase of spare PSA snubbers and phase 3 snubbers MPA#4634 for UOP22, maintenance of snubbers-maintenance/repairs)	lot	1	2,714
89	Audio/video recording system for Simulator	pcs.	0	-
90	Integrated audio system for the simulator	pcs.	0	-
91	Monitors for presentations in DPAP classrooms	pcs.	0	-
92	Simulator data storage unit	pcs.	0	-
93	Platform-type weighing machines	pcs.	2	84
94	Video-projector + spare lamp, DLP technology	pcs.	4	13
95	Video-projector + spare lamp, DLP technology	pcs.	1	3
96	Dehumidifier with absorption	pcs.	1	13
97	Dehumidifier with condensation	pcs.	1	22
98	MCR 247 chair	pcs.	16	160
99	Display refrigerator	pcs.	8	24
100	Video-projector	pcs.	1	3
101	Video-conference equipment	pcs.	1	25
102	Van category N1, with at least 5 seats and a cargo transport capacity of at least 350kg, with 4 side doors and shutter bucket	pcs.	2	350
103	Van category N1, with at least 5 seats and a cargo transport capacity of at least 350kg, with 3 or 4 side doors and rear door	pcs.	2	200
104	3-seater sofa set, two armchairs, brown upholstery, textile material, 240cmx100cmx90cm.	pcs.	0	-
105	Extendable corner sofa, brown upholstery, textile material, 3 seats, dimensions 250cmx170cmx90cm.	pcs.	0	-
106	Set of sofa and 2 armchairs, ecological leather	pcs.	15	53
107	Electric truck with folding bucket	pcs.	2	187
108	Electrically-operated vehicle barrier	pcs.	16	176

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109	Water loss acoustic detector	pcs.	0	-
110	Correlator for water loss localization	pcs.	0	-
111	Pipe locator	pcs.	0	-
112	Pipe locator transmitter	pcs.	0	-
113	Addition pump, nominal flow rate 5 mc/h, voltage 380v, minimum pressure 6bar, rated diameter dn32	pcs.	4	13
114	Deminerization station, duplex system with automation and brine tank, rated flow rate 5 m3/h	pcs.	2	72
115	Addition water storage tank, capacity 5000 liters	pcs.	2	14
116	Expansion vessel 3000 l	pcs.	0	-
117	Portable monitors for contamination measurement	pcs.	5	100
118	Portable tritium monitor, model 400SBD GAMMA C	pcs.	4	412
119	Gamma spectrometric system with a coaxial GEHP detector, 80% efficiency	pcs.	1	971
120	Gamma spectrometric system dedicated to monitoring radioactive waste barrels	pcs.	1	-
121	PAD individual dosimeters for neutrons	pcs.	8	215
122	ALFA spectrometric system with 4 measuring chambers	pcs.	1	400
123	Radioactive waste shredder	pcs.	1	375
124	GC3018 gamma spectrometric measurement system	pcs.	1	620
125	Radiochemistry niche	pcs.	0	-
126	Calcination furnace for LCM	pcs.	1	19
127	Analytical balances for LCM	pcs.	2	14
128	Laboratory vessel washing machine for LCM	pcs.	1	26
129	Chemical product cabinet for waste characterization laboratory	pcs.	1	18
130	Server HPE Synergy SY480C GEN10 Intel XEON GOLD 6240R	pcs.	20	2,228
131	HPE Synergy Chassis	pcs.	2	1,409
132	Server HPE Synergy SY480C GEN10 Intel XEON PLATINUM 8256	pcs.	4	366
133	Security equipment for one-way data transfer	lot	1	287
134	Complete computing system for work-at-home (notebook computer equipment 14", i7 + USB keyboard peripheral equipment + USB mouse peripheral equipment + docking station + notebook bag)	lot	1	198
135	Microsoft licenses (stations & servers)	lot	1	6,236
136	Upgrade license to the latest available version of the CA Client Automation product	lot	0	-
137	Software packages requested by departments (business)	lot	1	973
138	Additional notebook security software/elements	lot	1	98
139	Virtualization software licenses	lot	40	2,177
140	100 x Asset Suite licenses	pcs.	100	1,455
141	Notebook computer	pcs.	30	141
142	Smartphone	pcs.	50	200
143	Container for documents classified class "C" or class "B-light"	pcs.	0	-
144	Automatic pedestrian sliding doors	pcs.	9	177
145	Software licenses	pcs.	1	40
146	Implementation of the thermal heat flux correlation in the NUCIRC and CATHENA calculation codes	pcs.	1	3,427
147	Photo camera	pcs.	1	5
	<b>NFP Pitesti Branch</b>	pcs.		<b>3,111</b>
1	Licenses for stations and servers			240
2	Anti-virus software			13
3	Safe-deposit box - Chest for document protection	pcs.	1	3

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4	Breathalyzer (metrologically tested)	pcs.	1	3
5	Electric forklift/Reach truck 1.3-1.5 tons	pcs.	1	127
6	Flowmeters	pcs.	4	44
7	Beta probe for FH-40G10 radiometer	pcs.	2	18
8	Microwave twister	pcs.	1	22
9	Gas chromatograph	pcs.	1	324
10	UPS - voltage stabilizer	pcs.	1	5
11	ICP-OES cooler	pcs.	1	37
12	Precision analytical balance	pcs.	3	33
13	Fire door	pcs.	1	6
14	MINITAB software	pcs.	2	38
15	Digital anvil micrometer	pcs.	0	-
16	Polishing machine with recirculation tank	pcs.	1	34
17	Density balance by immersion	pcs.	1	21
18	Air conditioning appliance	pcs.	1	10
19	Pallet cutting machine	pcs.	1	80
20	Roughness tester	pcs.	3	42
21	Digital tube micrometer	pcs.	0	-
22	Automatic counter	pcs.	1	32
23	Manual hydraulic pallet jacks	pcs.	0	-
24	Hydraulic lifting table	pcs.	1	20
25	Chemical cabinet	pcs.	1	14
26	Floor cleaners	pcs.	5	57
27	Multi-stage ultrasonic cleaning system	pcs.	1	271
28	Span chopping and briquetting equipment	pcs.	1	469
29	Elma S450H ultrasonic cleaners	pcs.	2	22
30	Balloting device	pcs.	1	7
31	A0 multi-purpose system (plotting, multiplication and scanning)	pcs.	1	23
32	CNC Lathe	pcs.	0	-
33	Milling machine	pcs.	1	131
34	Centerless finishing machine	pcs.	1	406
35	CAD software license	pcs.	1	29
36	Fire resistant curtain for the electrical station	pcs.	1	33
37	Conventional lathe	pcs.	1	37
38	Pallet grid storage cabinet		2	41
39	Pallet grid transport trolleys		15	168
40	Pressure water cleaner		1	3
41	Refrigerant recovery appliance		1	6
42	Karl Fischer titration device		1	49
43	Network router		3	72
44	Weighing system		3	13
45	Autogenous portable welding and cutting equipment			12
46	Quick connector kit		1	11
47	PSI (RNG 15V1200A Rectifier)	pcs.	1	89
	<b>SNN Executive</b>			<b>1,066</b>
1	Acquisition of computing technology - Note books (Portable computers and accessories for SNN Executive)	Pcs.	25	125
2	Licenses, of which			
3	Microsoft licenses (SNN Executive)	Pcs.	386	223
4	Non-Microsoft licenses	Pcs.	35	58
5	IT infrastructure equipment	Pcs.	4	90
6	Communications infrastructure equipment	Pcs.	14	154
7	Archiving-Backup	Pcs.	1	120
8	Tablets PC		2	20
9	Server Voice Gateway telephony	Pcs.	1	35

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10	Air conditioning appliances		3	25
11	Mobile phone		10	54
12	Access control point furniture	Set	1	12
13	Car	Pcs.	2	150
	<b>Overall total</b>			<b>98,941</b>

**Chief Executive Officer**  
**Cosmin Ghita**

**Chief Financial Officer**  
**Dan Niculaie-Faranga**