

LIST
position "FACILITIES" for 2020

Item no.	Nomination of purchases of goods and other investment expenses	MU	BVC Proposal	
			Quantity	Value
0	1	2	3	4
	Cernavoda NPP Branch			67,524
1	heavy water for supplementing the O1 and O2 inventories	6500	Kg	14,950
2	Facilities needed to improve the working environment in offices/laboratories and for the usage of the space.	1	batch	500
3	Pirelli gaskets (expansion capacitor for the condenser)	6	piece	750
4	Spare parts reclassified as fixed assets	1	batch	11,500
5	Weighing platform with access ramp	1	piece	25
6	Pipe vibration measurement system	1	piece	190
7	Mobile stand for valve testing	1	piece	42
8	Infrared thermal imager for thermographic inspections	1	piece	138
9	Ultrasound detector	1	piece	70
10	Portable vibration collector	1	piece	93
11	Control kits and equipment	1	piece	381
12	Testing, diagnostics and reverse engineering equipment	1	piece	160
13	Measuring device for the level of CO2 in cylinders	1	piece	7
14	Multichannel vibration collection and diagnosis system	1	piece	150
15	AMC testing and measurement devices	1	piece	300
16	Pipe battery cleaning system for heat exchangers	1	piece	300
17	Multifunctional remote data transmitter	1	piece	50
18	Boom lift with vertical arm	1	piece	65
19	Lifting systems	1	piece	298
20	Facilities for the foreign material exclusion area (ZEMS)	1	piece	443
21	Local heat treatment station	1	piece	110
22	Infrared thermal imager for thermographic inspections	1	piece	227
23	Ultrasonic detector, verification/calibration services	1	piece	86
24	Oldham TX2000 hydrogen detection instruments	1	piece	100
25	Wrench calibration system, range 20 - 3000 Nm	1	piece	64
26	Self-propelled boom lift	1	piece	34
27	Portal crane with a load of 5 to	1	piece	245
28	Aluminum portal crane 300 kg	1	piece	19
29	Mini spider crane	1	piece	95
30	Universal machine for carpentry works	1	piece	85
31	Oil analysis mini-laboratory	1	piece	817
32	Sandblasting machine	1	piece	47
33	Self-elevating platform	1	piece	50
34	Wrench/screwdriver testing device for the SIREA and SIRM workshop	1	piece	200
35	Vibration transducer	1	piece	87
36	Tool cabinets	1	piece	50
37	Set-up calibration console	1	piece	30
38	Diagnostic software for predictive maintenance	1	piece	2,500

39	Spare parts for maintenance of Turbogenerator U2OP20	1	batch	5,142
40	Wrench calibration system	1	piece	65
41	High precision digital multimeter	1	piece	35
42	Video equipment for visual inspections	1	piece	226
43	Tool set AECL for the underwater inspection of burnt fuel bundles	1	piece	600
44	Central support assembly for MID coupling device	2	piece	710
45	Grapple extension for fuel collection tool ("GE")	8	piece	548
46	Grapple RAM cylinder fastening adaptor assembly ("RGA")	2	piece	551
47	GIF tool set-up platform	1	piece	551
48	Fuel Adapter Tool ("FAE")	1	piece	551
49	Purchase of laboratory chromatograph for gas analyses	2	piece	350
50	Dissolved oxygen analyzers	4	piece	165
51	Laboratory stove	1	piece	15
52	UV-VIS spectrophotometer	2	piece	140
53	PH meter	1	piece	11
54	Analytic scales	1	piece	30
55	Air compressor 200 l/2.2 kW/Pn 8 bar	1	piece	4
56	Air compressor 270 l/4 kW/Pn 11 bar	1	piece	5
57	Inverter welding device	1	piece	5
58	SAP2000 computer software	1	piece	57
59	Mobile archive shelving systems	1	batch	300
60	Prioritization study (risk-ranking) inspections of U1 and U2 raw water pipelines	2	batch	1,603
61	Review of the U1 capacitor lifetime assessment study (1-4211-CD80)	1	batch	119
62	Snubber program implementation (purchasing backup snubbers PSA for U1OP20)	1	batch	4,166
63	Network scanning equipment (Digital Sender A3)	12	piece	259
64	Network scanning equipment (Digital Sender A4)	56	piece	1,060
65	2200 VA smart UPS	5	piece	25
66	1500 VA smart UPS	7	piece	21
67	Video surveillance system servers	1	piece	100
68	A4 black and white printers	2	piece	11
69	Microsoft Surface Pro 6	3	piece	43
70	Computing - computers/monitors	80	piece	519
71	Label printers	6	piece	43
72	O&K Printer Viewer License	1	piece	0
73	License Microsoft Exchange Server Enterprise 2016	1	piece	16
74	Licenses Microsoft Office Professional Plus 2010 or equivalent	20	piece	10
75	Upgrade for Microsoft Windows 10 Enterprise LTSC 2016 Licenses	1118	piece	1,667
76	Licenses Microsoft Windows 10 PRO or equivalent	290	piece	248
77	Software required for computing - Office	80	piece	76
78	Software required for computing - Windows LTSC	80	piece	118
79	Purchase of core and distribution communication equipment	1	piece	2,375
80	Laboratory sink, hard stainless steel sink, 1 bowl	2	piece	8
81	Distilled water installation, capacity 6l/h	1	piece	9
82	Purchase of ultrasonic bath for LCM	1	piece	12
83	Purchase of chemicals cabinet	1	piece	20
84	License for computing codes Cathena and Nucirc	1	batch	520
85	Technical support for switching to the use of the new Phoenix computing code for EPSN/EOOS	1	batch	250
86	Implementation of the "PM Forecaster" module for POMS	1	batch	180
87	Ensuring the safety inventory for vital products	1	batch	2,000

88	Overhead projector + spare lamp, dlp technology	4	piece	14
89	Sedan vehicle	4	piece	480
90	Backhoe	1	piece	55
91	Hydraulic hammer (Picon)	1	piece	25
92	"V" type snow blade	1	piece	16
93	Furniture for the accommodation complex (armenian couches)	20	piece	60
94	Route locator with correlator and thermal sensors	1	piece	35
95	Water leak acoustic detector	1	piece	60
96	Audio/video recording system for the Simulator	1	piece	136
97	Integrated audio system for the simulator	1	piece	100
98	Monitors for presentations in DPAP lecture rooms	4	piece	62
99	Portable metal detector	1	piece	40
100	Electronic breathalyzer with accessories	8	set	92
101	Night vision device with thermal vision for the gendarmerie	1	piece	18
102	Battle training system for the gendarmerie	1	set	300
103	Security booths (booths for outdoor security stations)	6	piece	36
104	Mirror with telescopic arm for antiterrorism inspections	5	piece	24
105	Air conditioning units	5	piece	20
106	Proximity card printer	1	piece	10
107	Document scanner for the electronic archive	1	piece	15
108	Container for documents classified "class C" or class "light B"	4	piece	24
109	Automated pedestrian sliding doors	5	piece	70
110	Tempest Level C system	1	piece	100
111	Overhead projector	1	piece	5
112	Car passage blocking set	1	set	6
113	Bulletproof jackets for the gendarmerie	92	piece	276
114	Bulletproof helmet for the gendarmerie	92	piece	276
115	Bulletproof shield for the gendarmerie (ballistic protection shield)	2	piece	30
116	Multifunctional devices for the physical training of the gendarmerie	1	set	39
117	Automatic road barrier	2	piece	10
118	Gamma flowmeter	60	piece	398
119	Kit of critical spare parts for the gamma flowmeter	1	piece	119
120	Digital dosimeter MGP Instruments type DMC 3000	70	piece	227
121	Teledosimeter, MGP Instruments	10	piece	63
122	Receiver, MGP Instruments	2	piece	54
123	Receiver, MGP Instruments	2	piece	29
124	Industrial Laptop Toughbook	2	piece	35
125	Portable monitor for contamination control	5	piece	130
126	Spectrometer-portable identifier of gamma radiation with sodium-iodine detector (thallium)	3	piece	155
127	Spectrometer-portable identifier of gamma radiation with lanthanum-bromine detector (cerium)	3	piece	307
128	Gamma spectrometric system with a coaxial GEHP detector, 80% efficiency	1	piece	1,085
129	Counter with liquid scintillators for determining the beta--emitting radionuclides, with accessories, 220 v, 50/60 hz	1	kit	198
130	Temperature control kit for Perkin Elmer scintillator liquid measuring device, range 10-20cel, 50hz/220v	1	piece	29
131	Measurement and analysis software for metering device with Perkin Elmer tri-carb 5110tr liquid scintillators	1	piece	73
132	Modernization of the vehicle monitor	1	piece	100
133	Simulator for preparing personnel qualified in radio protection (using a frisker and a radiation flowmeter)	1	piece	150

134	Remote-controlled siren for alarming the population in Saligny Commune (purchase, installation, commissioning and testing)	1	piece	70
135	Electronic system for registering and recording radioactive waste and materials	1	piece	72
136	Air conditioning system - 14 KW	6	piece	118
137	Air conditioning system - 10 KW	3	piece	42
138	Air conditioning system - 8 KW	2	piece	14
139	Air conditioning system - 7.1 KW	6	piece	29
140	Air conditioning system - 6 KW	2	piece	9
141	Air conditioning system - 5 KW	10	piece	36
142	Inducer bearing SKF small code TIH 030 temperature control 0-250 cel	2	piece	26
143	Induction heater TMBH 1 SKF 100-240v/50hz, 300w, inner diam. = 20-100mm, control temp. =0-200cel	2	piece	15
144	Laser alignment kit, axle diameter = 20-450 mm and measuring distance ~ 10m, fully fitted	4	piece	80
145	Portable pressure calibrator	20	piece	331
146	Workshop facilities: welding machine, polishing machine, portable grinders	1	batch	250
147	Work bench with 4 drawers and 1 cabinet, dimensions 120x85x70 cm, sheet metal housing	4	piece	23
148	Mobile work table (bench) with 4 drawers and 1 metal door, dimensions 110x85x70 cm, diameter of transport wheels 160 mm	5	piece	24
	FCN Pitesti Branch			2,564
1	Software Licenses (Share Point, Windows Server)	Piece	8	47
2	CCTV Tester	Piece	1	3
3	Radioactive gaseous effluent monitor	Piece	1	250
4	Monitor hands - legs - clothes	Piece	2	176
5	Professional ironing station	Piece	1	71
6	Access staircase with platform for sampling dispersion basket no.2	Piece	1	50
7	Utility vehicle	Piece	1	71
8	Electric vehicle (electrocar) for the internal transport of persons and goods	Piece	1	110
9	5-seat car	Piece	1	72
10	FC pallet storage metallic rack system	Piece	1	48
11	Container for storing materials	Piece	4	129
12	Electric pallet truck with mast and platform	Piece	1	59
13	Multifunctional document printing equipment (scanning/copying)	Piece	1	29
14	Circularity measuring device	Piece	1	105
15	Analyzer for determining specific surfaces	Piece	1	175
16	Calcination furnace	Piece	1	23
17	Metallographic microscope	Piece	1	120
18	Roughness meter	Piece	1	19
19	Drinkable water and fire-fighting water network automation board	Piece	1	119
20	Three-phase generator set	Piece	1	41
21	Air speed/flow measurement device	Piece	1	7
22	Industrial air conditioning units	Piece	2	100
23	Demineralized water installation	Piece	1	470
24	Spare parts such as assets necessary for activities	Batch	1	272
	SNN Executive			1,390
1	Desktop computers	Piece	60	517
2	Portable computers	Piece	10	105
3	Network scanners	Piece	5	5
4	Various components for the IT infrastructure	Piece	15	80
5	Video conference system	Piece	1	118
6	Switch, Router, Firewall	Piece	10	130
7	Telephone switchboard modernization	Piece	1	100

8	Energy trading information centralization software	piece	1	150
9	Purchase of air conditioning units	piece	20	65
10	Car	piece	1	120
	Grand Total			71,478

Chief Executive Officer Deputy Chief Executive Officer
Cosmin Ghita **Dan Laurentiu Tudor**

Chief Financial Officer
Adrian Gabriel Dumitriu