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GENERAL DIRECTOR
PhD ZIDARU ION

TECHNIAL DIRECTOR
ENG. ANGHEL GEORGE

INVESTMENT PROGRAM FOR 2018

#	DESCRIPTION	Estimated value LEI		Total value LEI	comments
		Equipment	C+ M		
1.	Crane with double control and two hooks 16/6 To SSC-TO2-elaboration	257.000	-	257.000	Increase productivity and expand capacity for the sector
2.	Fitting four overhead cranes with remote control SSC	49.800		49.800	Increase of productivity by operation of crane
3.	Mounting induction furnace Calamari	300.000		300.000	Increase productivity and casting capacity in sector
4.	Pollutants exhaustation installation in parts cleaning sector TO1,	154.000		154.000	Reducing pollution and increasing air quality
5.	Modernization of Adjustment Sector	100.000		100.000	Reducing pollution and increasing air quality
6.	Noxious exhaustation installation at Adjustment sector	80.400		80.400	Reducing pollution and increasing air quality
7.	Exhaustation installation at Painting	70.000		70.000	Reducing pollution and increasing air quality
8.	Modernization of HT Furnace heated with CH4 for high temperatures 1150 C	90.000	10.000	100.000	SSC –Heat Treatment
9.	Equipping the dining halls in sectors with electric stoves for heating food in sector SUP	6.000	1.000	7.000	Disassembly of gas hobs (adapted) currently in use. Microwave ovens are unreliable, most of them being defective.
10	Heat plant in condensation 200 KW	35.000	5.000	40.000	Reduction of heating costs, higher efficiency. The existing equipment is almost 20 years old and not reliable.
11	Rotary crane H=4m, L=5m, Qmax=500kg SUP- P3=19.614 lei x4pcs=78.456 lei	78.456	10000	88.456	Energy saving, avoid use of overhead crane, increase of productivity.
12	Repairs at former hall M1	730.000	20.000	750.000	- helicoptered concrete floor ; -front repair ;

					-roof waterproofing
13	Repair extension of hall P3	500.000	-	500.000	Moving CNC machines (HM, Emsiluri, Puma 700 and Puma 800) from P2 (overhead crane to be replaced)
14	Modernization of offices and toilets in the Offices Building	90.000	-	90.000	- toilets women/men; -9 offices
15	Modernization of heating installation at P1,P2,SDV,M2, Painting	50.000	10.000	60.000	Improving heating system efficiency. All sectors are fitted with old heating plant and pipe heat exchangers with a 50% performance (require replacement of heat exchangers and return piping)- reduction of gas bill and comfort in department.
16	Heating of sector M3	40.000	10.000	50.000	Power plant and related radiators
17	Repairs +improvements of welding installation (plating) existent type CNC	14.900	0	14.900	•to enable production of more types of parts
18	Robot welding equipment for many types of welding , plating in particular	116.750		116.750	to extend the range of parts that may be manufactured
19	Table for location and rotation of tip-vertical 1500kg	18.680		18.680	to extend the range of parts that may be manufactured
20	UV-METRU DIGITAL	5.604		5.604	to extend the range of parts that may be manufactured
21	ULTRASOUND CONTROL INSTRUMENT	93.400		93.400	the existent one is not anymore useable
22	JUG CONTRIL MT	1.635		1.635	
23	DIGITAL LUX-METER	3.970		3.970	
24	DIGITAL UV-METER	5.604		5.604	
25	DIGITAL GAUSS-METER	8.406		8.406	
26	GAUGES , MASTER GAUGES UT	25.685		25.685	
27	UV LAMP WITH RECORDING CAMERA	4.670		4.670	
28	Oil separator	45.000	-	45.000	Rehabilitation of masonry at the other separator
29	Overhaul of water tower	48.000	-	48.000	Interior piping and valves are rusty, very high risk of failure and the entire company misses water, firefighting equipment included. There were no repairs since more than 30 years.
30	Installation of power factor compensation transformer stations PT1-PT5	170.000	6.000	176.000	• energy efficiency increase • reducing losses of electricity: installation of filter coils
31	Installation of fire extinguishing in Modeling sector	70.000	5.000	75.000	•compliance with ISU rules
32	PC Desktop system at sector PRAM	4.000	-	4.000	• Data acquisition via GSM gas; • transmission of electricity and

					gas production forecasts;
33	Modernization of video surveillance systems and microwave barriers	30.000	2.500	32.500	<ul style="list-style-type: none"> • widening the area of surveillance indoor and outdoor, in order protecting the company's assets; • strengthening the staff discipline
34	Chrome tank for modernizing rectifier and bath heating timer	30.000	2.000	32000	<ul style="list-style-type: none"> • shortness of chrome plating time; • increasing quality chrome plating operations
35	Cabin for sandblasting at M2	125.000	30.000	155.000	<ul style="list-style-type: none"> • eliminate the adhesion of primer and paint issues; • increase efficiency of removing rust and scale; • greatly improved final appearance of products. • booth is in flux with washing with coating unit;
36	Cabin for parts washing before painting –M2	55.000	45.000	100.000	<ul style="list-style-type: none"> • saving downtime transport parts from M3 and back; • booth is in flux with blasting and coating unit;
37	Infrared drying equipment at Painting tunnel	65.000	3000	68.000	<ul style="list-style-type: none"> - reduction of drying time -increase productivity
38	Industrial sectional door at the entrance M2 + Heating rehabilitation M2	20.160 10.000	3.000 1.500	34.660	<ul style="list-style-type: none"> • existent door is situated near the painting cabin door is not tight, and the pieces are cooled rapidly and increases the commencement of the operation of painting; • eliminate high heat loss in hall
39	Documents Server –(need also client license windows 2016 server)	54.800	-	54.800	increase the performance of IT software systems
40	Network Attached Storage	27.400	-	27.400	increase the performance of IT software systems
41	Test set for network troubleshooting Netscout LinkRunner G2 Smart Network Tester	16.000	-	16.000	increase the performance of IT software systems
42	PC -120 pcs	246.800	-	246.800	<ul style="list-style-type: none"> increasing productivity in design, marketing as logistics production planning, scheduling; • increase the performance of IT software systems
43	License Windows 2016 Server (for 2 processors)	6.000	-	6.000	<ul style="list-style-type: none"> increasing productivity in design, marketing as logistics production planning, scheduling; • increase the performance of IT software systems
44	Client license 2016 server (CAL) -150 pcs	34.280	-	34.280	<ul style="list-style-type: none"> increasing productivity in design, marketing as logistics production planning, scheduling;

					<ul style="list-style-type: none"> • increase the performance of IT software systems
45	System operating license Windows 10- 120 pcs	87.740	-	87.740	<ul style="list-style-type: none"> increasing productivity in design, marketing as logistics production planning, scheduling; • increase the performance of IT software systems
46	Licenses SolidWork , SolidCAM	21.883	-	21.883	<ul style="list-style-type: none"> increasing productivity in design, marketing as logistics production planning, scheduling; • increase the performance of IT software systems
47	Subscription SolidWork for existent licenses	43.146	-	43.146	<ul style="list-style-type: none"> increasing productivity in design, marketing as logistics production planning, scheduling; • increase the performance of IT software systems
48	Software Office (MS Office)- 50 pcs	57.100	-	57.100	<ul style="list-style-type: none"> increasing productivity in design, marketing as logistics production planning, scheduling; • increase the performance of IT software systems
49	Antivirus Update Subscription- 150 pcs	8.300	-	8.300	<ul style="list-style-type: none"> •improvement of IT activity; •improvement of safe operation
50	Monitoring temperature and voltage in servers room	6.800	-	6.800	<ul style="list-style-type: none"> • increase safety in operation;
51	Carrying out an active system of fire extinguishing with inert gas (IMERGAS) in the servers room.	22.800	-	22.800	<ul style="list-style-type: none"> • increase safety in operation;
52	Machine for parts marking SUP-P2	27.960	-	27.960	- the current one does not work at required parameters
53	Hydraulic key to screw bolts with torque tightening control		-	0	
54	Fitting radio control at overhead crane Assembly and Storehouse	11.700	-	11.700	
55	Fitting radio control at overhead crane Assembly 1	11.700	-	11.700	
56	Fitting radio control at overhead crane Assembly 2	11.700	-	11.700	
57	Deep drilling machine			0	
58	Lathe with CNC PUMA 800	1.000.000	20.000	1.020.000	increase productivity
59	Machining center type HM 800	1.000.000	20.000	1.020.000	increase productivity
60	Fork truck 5 To	215.000		215.000	required for shipping sector
TOTAL				6.717.229	LEI

**Head of MEI Service
Eng. Zamfir Ionel**