



UZTEL S.A.

OILFIELD EQUIPMENT MANUFACTURING AND REPAIRS

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GENERAL DIRECTOR
PhD ZIDARU ION
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TEHNICAL DIRECTOR
ENG. GRUESCU SERBAN
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INVESTMENT PROGRAM FOR 2017

#	DESCRIPTION	Estimated value LEI		Total value LEI	comments
		Equipment	C+ M		
1.	Crane with double control and two hooks 16/6 To SSC-TO1	247000	-	247000	Increase productivity and expand capacity for moulding sector
2.	Crane with double control and two hooks 16/6 To SSC-TO2-elaborare	247000	-	247000	Increase productivity and expand capacity for moulding sector
3.	Pollutants exhaustation installation in parts cleaning sector TO1, Adjustments				Reducing pollution and increasing air quality
4.	Scale 20 To or Foundry	35500	-	35500	Necessary to weigh steel / liquid iron of ladle cast
5.	Thermocouple (temperature recorder)	7000		7000	Register oven and ladle temperature
6.	Modernization f Heat Treatment furnace heated with CH4 for high temperatures 1150 C	90000	10000	100000	SSC –Heat Treatment
7.	Core moulding machine with resin for TO2				
8.	Improvement of Adjustment workshop				
9.	Improvement of non-ferrous workshop building for storage of wooden models				Fire detection system, obtain the authorization ISU
10.	Equipping the dining halls in sectors with electric stoves for heating food in sector SUP				Removal of gas hobs (adaptate) used at the moment. Microwave ovens have reliability, much of them being faulty.
11.	5-axis machining center with				Increasing manufacturing capacity

	table 1000x1000 (execution milling, Turning, drilling)) SUP-P3				CNC machines
12.	Deep drilling lathe SUP-P3				Necessary for the execution of deep holes. Relieving this operation on CNC machines
13.	CNC carrousel lathe with 2000mm table beam height 1800-2000mm SUP-P3				Requirement of manufacture of large items
14.	CNC lathe 1000 SUP – P3				Necessary to much production completed
15.	Repair of former hall M1				Move classic machines for rough machining in the former processing lines
16.	Repair extension P3 hall				Move large CNC machines (HM, Emsiluri, Puma Puma 700 and 800) of P2 (requiring replacement of crane)
17.	Modernization ventilation of sector molicotare				Remove noxious vapors. The measure imposed by environmental legislation requirements and labor protection
18.	Modernization eating system P1,P2,SDV,M2, Painting	50000	10000	60000	Efficient heating system. All these sectors are equipped with central heating and old pipe radiators had a yield of 50% (requires partial pipe replacement radiators and return) - Reduce the gas bill and increase comfort in the ward.
19.	Heating sector M3				Require heating central and installation
20.	Charpy pendulum	270.000	5.000	275000	<ul style="list-style-type: none"> • measure the resilience material; • API nonconformity elimination due to lack of measurement method; • avoid loss of API nomogram and production orders
21.	Pneumatic key for high torque	180.000	3.000	210000	<ul style="list-style-type: none"> •facilitate operation of tightening hex nut 55-100; •torque control; • productivity growth
22.	Purchase a hydraulic key to screw/unscrew bolts with torque tightening control-P1	30.000	-	30000	Replace the existent having high wear and frequent malfunctions
23.	Modernization of test stand Rotary tables	350.000	30.000	380000	<ul style="list-style-type: none"> - braking device (oad) -adjustment of motor speed
24.	Modernization of test stand for Hydraulic Heads	60.000	15.000	75000	<ul style="list-style-type: none"> - parameters acquisition and monitoring;

					-adjustment and display of motor speed, new motor of cc.75kW
25.	Modernization test stand for elevators	25.000	5.000	30000	- parameters acquisition and monitoring
26.	Modernization test stand for pliers	25.000	5.000	30000	- parameters acquisition and monitoring
27.	Modernization test stand for mud pumps	60.000	5.000	65000	
28.	Air Compressor GA 75	200.000	5.000	205000	<ul style="list-style-type: none"> • increase safety and efficiency in compressed air supply; • existing 75kW compressor is old and the only one to provide compressed air in shift II and III
29.	Oil separator	45.000	-	45000	Masonry restoration at the other separator
30.	Water castle – overhaul	48.000	-	48000	The pipes inside the castle, valves are rusted, and may implicitly concede and to remain without water in plant and hydrants. Mention that have not been changed for over 30 years.
31.	Installation of power factor compensation transformer stations PT1-PT5	170.000	6.000	176000	<ul style="list-style-type: none"> • energy efficiency increase • reducing losses of electricity: installation of filter coils
32.	Installation of fire extinguishing in Modelling sector	70.000	5.000	75000	<ul style="list-style-type: none"> • framing legislation ISU
33.	PC Desktop system at sector PRAM	4.000	-	4000	<ul style="list-style-type: none"> • Data acquisition via GSM gas; • transmission of electricity and gas production forecasts;
34.	Modernization of video surveillance systems and microwave barriers	30.000	2.500	32500	<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
35.	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
36.	Cabin for sandblasting at M2	125.000	30.000	155000	<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;
37.	Cabin for parts washing before painting –M2	55.000	45.000	100000	<ul style="list-style-type: none"> disappear downtime transport parts from M3 and back; • booth is in flux with blasting and coating unit;
38.	Industrial sectional door at the entrance M2 + Heating rehabilitation M2	20.160 10000	3.000 1500	23160 11500	<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.	Application Server SIVAPPS / Fileserver	54.000	-	54000	increase the performance of IT systems hardware
40.	Server e-mail	9.000	-	9000	increase the performance of IT systems hardware
41.	Network Attached Storage	27.000	-	27000	increase the performance of IT systems hardware
42.	Network Troubleshooting Kit Fluke tester MS2-	6.750	-	6750	increase the performance of IT systems hardware
43.	Computer systems 115 pcs.x 450 euro/pc.x 4,5lei/euro	232.875	-	232875	increasing productivity in design, marketing as logistics production planning, scheduling; • increase the performance of IT software systems
44.	License Windows 2016 Server (for 2 processors)	9.000	-	9000	increasing productivity in design, marketing as logistics production planning, scheduling; • increase the performance of IT software systems
45.	Client license 2016 server (CAL)	27.000	-	27000	increasing productivity in design, marketing as logistics production planning, scheduling; • increase the performance of IT software systems
46.	System Operation License Windows	82.000	-	82000	increasing productivity in design, marketing as logistics production planning, scheduling; • increase the performance of IT software systems
47.	License SolidWork , SolidCAM	21.087	-	21087	increasing productivity in design, marketing as logistics production planning, scheduling; • increase the performance of IT software systems
48.	Subscription SolidWork for actual licenses	41.580	-	41580	increasing productivity in design, marketing as logistics production planning, scheduling; • increase the performance of IT software systems
49.	Software Office (MS Office)	56.250	-	56250	increasing productivity in design, marketing as logistics production planning, scheduling; • increase the performance of IT software systems
50.	Antivirus Update Subscription	7.650	-	7650	• IT business improvement; • increasing operational safety
51.	Connecting CNC Machines in network and monitoring it	54.000	-	54000	• increasing productivity in planning, production

					programming and execution;
52.	Monitoring temperature and voltage in servers room	6.750	-	6750	• increase safety in operation;
53.	Modernization of hardware room /training hall IT	11.250	-	11250	• IT business improvement
54.	Ultrasonic inspection equipment type PHAZOR XS 16/16 (with minimal accessories)	76.500	-	76500	• increase the quality performance
55.	Magnetic yoke AC/DC	2.800	-	2800	• increase the quality performance
56.	Lamp UV LED BigBeam 220V	7.000	-	7000	• increase the quality performance
57.	Tesla/Gaussmetrer digital tip FH 51	7.600	-	7600	• increase the quality performance
58.	Micro hardness tester type MIC 10 with probe 50 N (HV5)	45.000	-	45000	• increase the quality performance
59.	Hardness gauge 240 HV1	4.500	-	4500	• increase the quality performance
60.	Hardness gauge 540 HV1	3.500	-	3500	• increase the quality performance
61.	Hardness gauge 240 HV5	4.500	-	4500	• increase the quality performance
62.	Hardness gauge 540 HV5	3.500	-	3500	• increase the quality performance
TOTAL				2803252	

Head of Service Maintenance ^Investment
Eng. Zamfir Ionel, illegible signature

Undersigned, Maria Coman, sworn interpreter and translator for the English and French languages under the license no. 5886/2001 of 11 December 2001 issued by the Ministry of Justice of Romania, certify the accuracy of the translation done from Romanian to English language that the text presented has been fully translated, without omissions, and that the translation did not distorted document content and meaning.

The document whose translation is required in full was issued by SC UZTEL SA , Ploiesti city, Romania and presented me completely .

The translation of the document submitted was executed according to a written request filed at no 57/20.03.2017 , kept in the archives of the undersigned.

SWORN NTERPRETER AND TRANSLATOR

