No.	Relevant Design Item	Type of Work	Rev. Item	Unit	Price
		GROUP A: EARTHWORKS, WORKS FOR ADDRESSING WATER, RETAINING WORKS, GREEN RELATED WORKS, ROAD – PAVING WORKS, ASPHALT WORKS, SIGNAGE – SAFETY			
		LOADING / UNLOADING			
1	ΥΔΡ 2.01	Loading / unloading of excavation materials from earthy or semi-rock soil and sand-gravels	ΥΔΡ 6071	m3	0,33*
2	ΥΔΡ 2.02	Loading / Unloading of rocky materials or of dismantled reinforced or non-reinforced concrete	ΥΔΡ 6072	m3	0,38*
		EXCAVATIONS			
		Trench excavations for utility networks in earthy or semi-rocky soil			
3	ΥΔΡ 3.10.01.01	Bottom width up to 3.00 m, side disposal of the excavation spoils. For trench depth up to 4.00 m	ΥΔΡ 6081.1	m3	6,20
4	ΥΔΡ 3.10.01.02	Bottom width up to 3.00 m, side disposal of the excavation spoils. For trench depth from 4.01 up to 6.00 m	ΥΔΡ 6081.2	m3	9,00
5	ΥΔΡ 3.10.01.03	Bottom width up to 3.00 m, side disposal of the excavation spoils. For trench depth from 6.01 up to 8.00 m	ΥΔΡ 6081.3	m3	11,90
6	ΥΔΡ 3.10.01.04	Bottom width up to 3.00 m, side disposal of the excavation spoils. For trench depth from 8.01 up to 10.00 m	ΥΔΡ 6081.4	m3	15,20
7	ΥΔΡ 3.10.02.01	Bottom width up to 3.00 m, loading the excavation spoil to a vehicle, vehicle's idleness and transportation at any distance For trench depth up to 4.00 m	ΥΔΡ 6081.1	m3	6,90*
8	ΥΔΡ 3.10.02.02	Bottom width up to 3.00 m, loading the excavation spoil to a vehicle, vehicle's idleness and transportation at any distance For trench depth from 4.01 up to 6.00 m	ΥΔΡ 6081.2	m3	10,00*
9	ΥΔΡ 3.10.02.03	Bottom width up to 3.00 m, loading the excavation spoil to a vehicle, vehicle's idleness and transportation at any distance For trench depth from 6.01 up to 8.00 m	ΥΔΡ 6081.3	m3	13,30*
10	ΥΔΡ 3.10.02.04	Bottom width up to 3.00 m, loading the excavation spoil to a vehicle, vehicle's idleness and transportation at any distance For trench depth from 8.01 up to 10.00 m	ΥΔΡ 6081.4	m3	16,60*
11	ΥΔΡ 3.10.03.01	Bottom width from 3.01 up to 5.00 m, side disposal of the excavation spoil For trench depth up to 4.00 m	ΥΔΡ 6083.1	m3	4,30
12	ΥΔΡ 3.10.03.02	Bottom width from 3.01 up to 5.00 m, side disposal of the excavation spoil For trench depth from 4.01 up to 6.00 m	ΥΔΡ 6083.2	m3	6,70
13	ΥΔΡ 3.10.03.03	Bottom width from 3.01 up to 5.00 m, side disposal of the excavation spoil For trench depth from 6.01 up to 8.00 m	ΥΔΡ 6083.3	m3	9,00
14	ΥΔΡ 3.10.03.04	Bottom width from 3.01 up to 5.00 m, side disposal of the excavation spoil For trench depth from 8.01 up to 10.00 m	ΥΔΡ 6083.4	m3	10,90
15	ΥΔΡ 3.10.04.01	Bottom width from 3.01 up to 5.00 m, loading the excavation spoil to a vehicle, vehicle's idleness and transportation at any distance For trench depth up to 4.00 m	ΥΔΡ 6083.1	m3	4,50*
16	ΥΔΡ 3.10.04.02	Bottom width from 3.01 up to 5.00 m, loading the excavation spoil to a vehicle, vehicle's idleness and transportation at any distance For trench depth from 4.01 up to 6.00 m	ΥΔΡ 6083.2	m3	7,10*
17	ΥΔΡ 3.10.04.03	Bottom width from 3.01 up to 5.00 m, loading the excavation spoil to a vehicle, vehicle's idleness and transportation at any distance For trench depth from 6.01 up to 8.00 m	ΥΔΡ 6083.3	m3	10,00*

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No.	Relevant Design Item	Type of Work	Rev. Item	Unit	Price
18	ΥΔΡ 3.10.04.04	Bottom width from 3.01 up to 5.00 m, loading the excavation spoil to a vehicle, vehicle's idleness and transportation at any distance For trench depth from 8.01 up to 10.00 m	ΥΔΡ 6083.4	m3	12,40*
19	ΥΔΡ 3.10.05.01	Bottom width over 5.00 m, side disposal of the excavation spoil For trench depth up to 4.00 m	ΥΔΡ 6085.1	m3	2,50
20	ΥΔΡ 3.10.05.02	Bottom width over 5.00 m, side disposal of the excavation spoil For trench depth from 4.01 up to 6.00 m	ΥΔΡ 6085.2	m3	4,30
21	ΥΔΡ 3.10.05.03	Bottom width over 5.00 m, side disposal of the excavation spoil For trench depth from 6.01 up to 8.00 m	ΥΔΡ 6085.3	m3	6,20
22	ΥΔΡ 3.10.05.04	Bottom width over 5.00 m, side disposal of the excavation spoil For trench depth from 8.01 up to 10.00 m	ΥΔΡ 6085.4	m3	7,90
23	ΥΔΡ 3.10.06.01	Bottom width over 5.00 m, loading the excavation spoil to a vehicle, vehicle's idleness and transportation at any distance For trench depth up to 4.00 m	ΥΔΡ 6085.1	m3	2,70*
24	ΥΔΡ 3.10.06.02	Bottom width over 5.00 m, loading the excavation spoil to a vehicle, vehicle's idleness and transportation at any distance For trench depth from 4.01 up to 6.00 m	ΥΔΡ 6085.2	m3	4,60*
25	ΥΔΡ 3.10.06.03	Bottom width over 5.00 m, loading the excavation spoil to a vehicle, vehicle's idleness and transportation at any distance For trench depth from 6.01 up to 8.00 m	ΥΔΡ 6085.3	m3	6,50*
26	ΥΔΡ 3.10.06.04	Bottom width over 5.00 m, loading the excavation spoil to a vehicle, vehicle's idleness and transportation at any distance For trench depth from 8.01 up to 10.00 m	ΥΔΡ 6085.4	m3	8,60*
		Trench excavations for utility networks in rocky soil			
27	ΥΔΡ 3.11.01.01	Bottom width up to 3.00 m, side disposal of the excavation spoil For trench depth up to 4.00 m	ΥΔΡ 6082.1	m3	23,80
28	ΥΔΡ 3.11.01.02	Bottom width up to 3.00 m, side disposal of the excavation spoil For trench depth from 4.01 up to 6.00 m	ΥΔΡ 6082.2	m3	26,10
29	ΥΔΡ 3.11.01.03	Bottom width up to 3.00 m, side disposal of the excavation spoil For trench depth from 6.01 έως 8.00 m	ΥΔΡ 6082.3	m3	28,50
30	ΥΔΡ 3.11.01.04	Bottom width up to 3.00 m, side disposal of the excavation spoil For trench depth from 8.01 έως 10.00 m	ΥΔΡ 6082.4	m3	30,90
31	ΥΔΡ 3.11.02.01	Bottom width up to 3.00 m, loading the excavation spoil to a vehicle, vehicle's idleness and transportation at any distance For trench depth up to 4.00 m	ΥΔΡ 6082.1	m3	24,20*
32	ΥΔΡ 3.11.02.02	Bottom width up to 3.00 m, loading the excavation spoil to a vehicle, vehicle's idleness and transportation at any distance For trench depth from 4.01 up to 6.00 m	ΥΔΡ 6082.2	m3	26,60*
33	ΥΔΡ 3.11.02.03	Bottom width up to 3.00 m, loading the excavation spoil to a vehicle, vehicle's idleness and transportation at any distance For trench depth from 6.01 up to 8.00 m	ΥΔΡ 6082.3	m3	29,00*
34	ΥΔΡ 3.11.02.04	Bottom width up to 3.00 m, loading the excavation spoil to a vehicle, vehicle's idleness and transportation at any distance For trench depth from 8.01 up to 10.00 m	ΥΔΡ 6082.4	m3	31,40*
35	ΥΔΡ 3.11.03.01	Bottom width from 3.01 up to 5.00 m, side disposal of the excavation spoil For trench depth up to 4.00 m	ΥΔΡ 6084.1	m3	19,00

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No.	Relevant Design Item	Type of Work	Rev. Item	Unit	Price
36	ΥΔΡ 3.11.03.02	Bottom width from 3.01 up to 5.00 m, side disposal of the excavation spoil For trench depth from 4.01 up to 6.00 m	ΥΔΡ 6084.2	m3	20,90
37	ΥΔΡ 3.11.03.03	Bottom width from 3.01 up to 5.00 m, side disposal of the excavation spoil For trench depth from 6.01 up to 8.00 m	ΥΔΡ 6084.3	m3	22,80
38	ΥΔΡ 3.11.03.04	Bottom width from 3.01 up to 5.00 m, side disposal of the excavation spoil For trench depth from 8.01 up to 10.00 m	ΥΔΡ 6084.4	m3	24,70
39	ΥΔΡ 3.11.04.01	Bottom width from 3.01 up to 5.00 m, loading the excavation spoil to a vehicle, vehicle's idleness and transportation at any distance For trench depth up to 4.00 m	ΥΔΡ 6084.1	m3	19,50*
40	ΥΔΡ 3.11.04.02	Bottom width from 3.01 up to 5.00 m, loading the excavation spoil to a vehicle, vehicle's idleness and transportation at any distance For trench depth from 4.01 up to 6.00 m	ΥΔΡ 6084.2	m3	21,40*
41	ΥΔΡ 3.11.04.03	Bottom width from 3.01 up to 5.00 m, loading the excavation spoil to a vehicle, vehicle's idleness and transportation at any distance For trench depth from 6.01 up to 8.00 m	ΥΔΡ 6084.3	m3	23,30*
42	ΥΔΡ 3.11.04.04	Bottom width from 3.01 up to 5.00 m, loading the excavation spoil to a vehicle, vehicle's idleness and transportation at any distance For trench depth from 8.01 up to 10.00 m	ΥΔΡ 6084.4	m3	25,20*
43	ΥΔΡ 3.11.05.01	Bottom width over 5.00 m, side disposal of excavation spoil For trench depth up to 4.00 m	ΥΔΡ 6086.1	m3	11,40
44	ΥΔΡ 3.11.05.02	Bottom width over 5.00 m, side disposal of excavation spoil For trench depth from 4.01 up to 6.00 m	ΥΔΡ 6086.2	m3	12,80
45	ΥΔΡ 3.11.05.03	Bottom width over 5.00 m, side disposal of excavation spoil For trench depth from 6.01 up to 8.00 m	ΥΔΡ 6086.3	m3	14,30
46	ΥΔΡ 3.11.05.04	Bottom width over 5.00 m, side disposal of excavation spoil For trench depth from 8.01 up to 10.00 m	ΥΔΡ 6086.4	m3	15,70
47	ΥΔΡ 3.11.06.01	Bottom width over 5.00 m, loading the excavation spoil to a vehicle, vehicle's idleness and transportation at any distance For trench depth up to 4.00 m	ΥΔΡ 6086.1	m3	11,90*
48	ΥΔΡ 3.11.06.02	Bottom width over 5.00 m, loading the excavation spoil to a vehicle, vehicle's idleness and transportation at any distance For trench depth from 4.01 up to 6.00 m	ΥΔΡ 6086.2	m3	13,30*
49	ΥΔΡ 3.11.06.03	Bottom width over 5.00 m, loading the excavation spoil to a vehicle, vehicle's idleness and transportation at any distance For trench depth from 6.01 up to 8.00 m	ΥΔΡ 6086.3	m3	14,70*
50	ΥΔΡ 3.11.06.04	Bottom width over 5.00 m, loading the excavation spoil to a vehicle, vehicle's idleness and transportation at any distance For trench depth from 8.01 up to 10.00m	ΥΔΡ 6086.4	m3	16,20*
51	ΥΔΡ 3.12	Increase in the prices pertaining to trench excavations for utility networks in order to address additional difficulties due to PUO networks passing alongside the trench	ΥΔΡ 6087	m	14,30
52	ΥΔΡ 3.13	Increase in the prices pertaining to trench excavations for utility networks in any type of soil for the execution of works under space constraints	ΥΔΡ 6081.1	m3	3,80
		Application of vibroflotation techniques for trenchless network passage			
53	ΥΔΡ 3.14.01	Boring of an Φ 200 mm hole	ΥΔΡ 6082.1	m	76,00
54	ΥΔΡ 3.14.02	Boring of an Φ 250 mm hole	ΥΔΡ 6082.1	m	95,00
55	ΥΔΡ 3.14.03	Boring of an Φ 400 mm hole	ΥΔΡ 6082.1	m	143,00
56	ΥΔΡ 3.16	Excavation spoil laying	ΥΔΡ 6070	m3	0,19
57	ΥΔΡ 3.17	Excavation of foundations for technical structures in earthy, semi-rocky soil	ΥΔΡ 6054	m3	1,90*

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No.	Relevant Design Item	Type of Work	Rev. Item	Unit	Price
58	ΥΔΡ 3.18.01	Excavation of foundations for technical structures in rocky soil Without the use of explosives (only percussion machine)	ΥΔΡ 6055	m3	23,80*
59	ΟΙΚ 20.07	Individual excavations (monoblock concrete walls)	ΟΙΚ-2135.1	m^3	20,00*
		DEMOLITIONS - DISMANTLING – RELOCATIONS			
60	ΟΔΟ Α-5.1	Dismantling of structures with reinforced concrete bearing elements (up to 4.0m high)	ΟΙΚ-2227	m^3	15,80*
61	ΟΔΟ Α-6	Dismantling of brick-made structures etc.	ΟΙΚ-2221	m^3	10,90*
62	ΟΔΟ Α-7	Dismantling of structures made of steel	ΟΙΚ-2275	m^3	7,70*
63	ΟΔΟ Α-8	Dismantling of metal sheet structures with wooden frame	ΟΙΚ-2275	m^3	5,40*
64	ΟΔΟ Α-9	Dismantling of compact fencing	ΟΙΚ-2227	m	15,80
65	ΟΔΟ Α-10	Dismantling of chain link fencing	ΟΙΚ-6448	m	5,40
66	ΟΔΟ Α-12	Dismantling of reinforced concrete	ΟΙΚ-2227	m^3	21,90*
		Dismantling of individual members or sections of structures made of reinforced concrete			
67	ΥΔΡ 4.01.01	Ordinary precision, use of air-compressors and other conventional means (hydraulic hammer, compressed – air tools, electrical tools, etc.)	ΥΔΡ 6082.1	m3	38,00*
68	ΥΔΡ 4.01.02	Particular precision requirements, use of special equipment of undisturbed cut of concrete (wire cutters, disc cutters, thermal lance cutting, water jet cutting)	ΥΔΡ 6082.1	m3	76,00*
69	ΥΔΡ 4.04	Dismantling of sidewalks' slab paving	ΥΔΡ 6807	m2	11,40*
70	ΥΔΡ 4.05	Dismantling of curbs, pre-cast or not	ΥΔΡ 6808	μμ	3,00*
71	ΥΔΡ 4.13	Dismantling of structures made of non-reinforced concrete	ΥΔΡ 6082.1	m3	19,00*
72	ΥΔΡ 4.14	Dismantling of stonewall or brickwall	ΥΔΡ 6081.1	m3	10,50*
73	ΟΙΚ 22.65.02	Dismantling of metallic balustrades	ΟΙΚ-2275	kg	0,30
74	ΟΙΚ Ν.22.56.1	Careful dismantling of OASA and/or ILPAP stops whose relocation is imposed due to the Project needs, including the respective ticket selling facilities and their appurtenances, and their re-positioning at new locations	ΟΙΚ-2275	pc	1.065,63
75	ΟΙΚ Ν.22.56.2	Dismantling with due attention of kiosks, whose relocation is imposed due to the Project needs, including the kiosks ancillary structures / facilities and their re-positioning at new locations	ΟΙΚ-2275	pc	1.127,27
76	ΟΙΚ Ν.22.56.3	Dismantling, transportation, temporary storage and safe-keeping within the worksite area of cast-iron gratings intended to protect holes for trees, until their re-positioning and delivery to AM	ΟΙΚ-2275	pc	16,35
		WORKS FOR ADDRESSING WATER			
		Operation of worksite pumping stations			
		Diesel or gas-driven pumping stations			
77	ΥΔΡ 6.01.01.01	Power up to 1,0 HP	ΥΔΡ 6106	h	3,40
78	ΥΔΡ 6.01.01.02	Power 1,0 to 2,0 HP	ΥΔΡ 6107	h	4,30
79	ΥΔΡ 6.01.01.03	Power 2,0 to 5,0 HP	ΥΔΡ 6108	h	5,10
80	ΥΔΡ 6.01.01.04	Power 5,0 to 10,0 HP	ΥΔΡ 6109	h	8,60
81	ΥΔΡ 6.01.01.05	Power 10,0 to 20,0 HP	ΥΔΡ 6110	h	14,30
		Pumping stations, motorized			
82	ΥΔΡ 6.01.02.01	Power up to 1,0 KW(HP)	ΥΔΡ 6106	h	4,30
83	ΥΔΡ 6.01.02.02	Power 1,0 to 2,5 KW(HP)	ΥΔΡ 6107	h	5,10
84	ΥΔΡ 6.01.02.03	Power 3,0 to 5,0 KW(HP)	ΥΔΡ 6108	h	6,80
85	ΥΔΡ 6.01.02.04	Power 5,0 to 7,5 KW(HP)	ΥΔΡ 6109	h	8,60
86	ΥΔΡ 6.01.02.05	Power 8,0 to 10,0 KW(HP)	ΥΔΡ 6110	h	10,30
		Lowering groundwater level using the well points system, per day of system operation			
		Operation of the pumping station based on the number of well points			
87	ΥΔΡ 6.02.01.01	pumping station with 4 well points	ΥΔΡ 6110	ΗΔ	330,00
88	ΥΔΡ 6.02.01.02	pumping station with 8 well points	ΥΔΡ 6110	ΗΔ	620,00
		Operation of the pumping station based on the installed power			
89	ΥΔΡ 6.02.02.01	20 kW pumping station	ΥΔΡ 6110	ΗΔ	330,00
90	ΥΔΡ 6.02.02.02	50 kW pumping station	ΥΔΡ 6110	ΗΔ	620,00
		ANCHORING			
91	ΟΔΟ Β-21.1	Permanent pre-stressed rock anchoring of the slopes of open excavations, operation load 400-500 kN and length □ 20 m	ΥΔΡ-7024	m	57,00
		Fully grouted bolts in open excavation slopes			

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No.	Relevant Design Item	Type of Work	Rev. Item	Unit	Price
92	ΟΔΟ Β-23.1	Bearing capacity 200kN using Φ25 B500C bars	ΥΔΡ-7025	m	15,40
93	ΟΔΟ Β-23.2	Bearing capacity 300kN using Φ28 B500C bars	ΥΔΡ-7025	m	17,20
94	ΟΔΟ Β-23.3	Bearing capacity 440kN using Φ32 B500C bars	ΥΔΡ-7025	m	24,40
		STRUTS			
95	ΟΙΚ 61.05	Bearing elements made of iron beams or girder beams up to 160 mm	ΟΙΚ 6104	kg	2,40
96	ΟΙΚ 61.06	Bearing elements made of iron beams or girder beams >160 mm	ΟΙΚ 6104	kg	2,50
		PILING			
		Drilling and casting in-situ bored piles			
97	ΟΔΟ Β-26.1	Bored pile diameter Φ 0.60 m	ΟΔΟ-2731	m	81,40
98	ΟΔΟ Β-26.2	Bored pile diameter Φ 0.80 m	ΟΔΟ-2731	m	99,50
99	ΟΔΟ Β-26.3	Bored pile diameter Φ1.00 m	ΟΔΟ-2731	m	122,00
100	ΟΔΟ Β-27	Pile metal jacket	ΟΔΟ-2672	kg	2,30
101	ΟΔΟ Β-28	Sealing of pile wall using HDPE membrane	ΟΔΟ-2412	m^2	11,20
		OTHER RETAINING WORKS			
102	ΥΔΡ 7.01	Timber Shoring System	ΥΔΡ 6301	m2	2,00
103	ΥΔΡ 7.02	Supply of steel sheet-piling	ΥΔΡ 6102	kg	1,00
104	ΥΔΡ 7.03	Use of steel sheet piles	ΥΔΡ 6103	kg	0,25
105	ΥΔΡ 7.04	Steel sheet pile drive	ΥΔΡ 6104	m2	15,00
106	ΥΔΡ 7.05	Steel sheet pile extraction	ΥΔΡ 6105	m2	7,00
107	ΥΔΡ 7.06	Retaining of trench slopes with steel sheets	ΥΔΡ 6103	m2	31,90
108	ΥΔΡ 7.07	Application of Berlin method for excavations with vertical slopes	ΥΔΡ 6103	m	209,00
		EMBANKMENTS – EMBEDMENTS – IMPROVEMENTS – FILLING OF ISLANDS			
109	ΟΔΟ Β-4.1	Embankments made of granular material under sidewalks	ΟΔΟ-3121Β	m^3	6,30*
110	ΟΔΟ Β-4.2	Transition embankment for technical works and sewage pipe zone embankments	ΥΔΡ-6068	m^3	9,50*
111	ΥΔΡ 5.03	Trench backfilling with excavation spoil without special compaction requirements	ΥΔΡ 6066	m3	0,38
112	ΥΔΡ 5.04	Underground utilities trench backfilling with excavation spoil requiring special compaction	ΥΔΡ 6067	m3	1,43
		Underground utilities trench backfilling with graded crashed quarry sand-gravel			
113	ΥΔΡ 5.05.01	Overall backfilling thickness up to 50 cm	ΥΔΡ 6068	m3	11,40*
114	ΥΔΡ 5.05.02	Overall backfilling thickness over 50 cm	ΥΔΡ 6068	m3	10,50*
115	ΥΔΡ 5.07	Foundation layers and pipes embedment using quarry sand	ΥΔΡ 6069	m3	10,50*
116	ΥΔΡ 5.08	Foundation layers and pipes embedment using mind or torrent sand	ΥΔΡ 6069.1	m3	5,20*
		Improvement layers using sandy-gravel material			
117	ΥΔΡ 5.09.01	Improvement layers using natural sand gravels	ΥΔΡ 6067	m3	4,30*
118	ΥΔΡ 5.09.02	Improvement layers using crashed quarry materials	ΥΔΡ 6067	m3	9,50*
119	ΥΔΡ 5.10	Underdrain filters with graded aggregates	ΟΔΟ-2815	m3	8,60
120	ΟΔΟ Α-23	Construction of sand - coarse layers of a variable thickness	ΟΔΟ-3121Α	m^3	6,30*
121	ΟΔΟ Α-25	Filling of road islands with horticultural soil	ΟΔΟ-1620	m^3	1,90
		LAND (SCRUB) CLEARING - CUTTING DOWN AND GRUBBING OF TREES - RE-PLANTING OF TREES			
		Land (Scrub) Clearing			
122	ΟΙΚ 20.01.01	with sapling - trunk circumference up to 0.25 m	ΟΙΚ-2101	m^2	4,00
123	ΟΙΚ 20.01.02	with sapling - trunk circumference from 0.26 to 0.40 m	ΟΙΚ-2101	m^2	5,00
		Cutting down – grubbing of trees			
124	ΠΡΣ Ζ2.2	Grubbing of big trees - trunk circumference from 0.41 to 0.60 m	ΠΡΣ 5354	pc	60,00
125	ΠΡΣ Ζ2.3	Grubbing of big trees - trunk circumference from 0.61 to 0.90 m	ΠΡΣ 5354	pc	80,00
126	ΠΡΣ Ζ2.4	Grubbing of big trees - trunk circumference from 0.91 to 1.20 m	ΠΡΣ 5354	pc	100,00
127	ΠΡΣ Ζ2.5	Grubbing of big trees - trunk circumference from 1.21 to 1.50 m	ΠΡΣ 5354	pc	135,00
128	ΠΡΣ Ζ2.6	Grubbing of big trees - trunk circumference over 1.51 m	ΠΡΣ 5354	pc	180,00
129	ΠΡΣ Ζ2.7	Cutting down – grubbing of non-native tree species (ailanthus etc.) trunk height up to 3.0 m	ΠΡΣ 5354	pc	3,00
130	ΠΡΣ Ζ2.8	Cutting down – grubbing of non-native tree species (ailanthus etc.) trunk height > 3,0 m	ΠΡΣ 5354	pc	8,00
		Re-planting of trees			
131	ΠΡΣ Ε10.1	Re-planting of plants with earth bale – volume 45 - 150 lt	ΠΡΣ 5210	pc	45,00
132	ΠΡΣ Ε10.2	Re-planting of plants with earth bale – volume 151 - 300 lt	ΠΡΣ 5210	pc	140,00
		ROAD PAVING			
133	ΟΔΟ Γ-1.1	Road Pavement Sub-base with variable thickness	ΟΔΟ-3121.Β	m^3	9,50*
134	ΟΔΟ Γ-1.2	Road pavement sub-base - compaction thickness 0.10 m	ΟΔΟ-3111.Β	m^2	0,90*

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No.	Relevant Design Item	Type of Work	Rev. Item	Unit	Price
135	ΟΔΟ Γ-2.1	Road pavement base with variable thickness	ΟΔΟ-3211.B	m^3	9,50*
136	ΟΔΟ Γ-2.2	Base - 0.10 m thick (PTP O-155)	ΟΔΟ-3211.B	m^2	1,00*
137	ΟΔΟ Γ-4	Levelling Layer (PTP O-150)		m^2	0,70*
		ASPHALT WORKS (asphalt price included)			
138	ΟΔΟ Δ-1	Cutting the road pavement using asphalt cutter	ΟΙΚ-2269Α	m	0,81
		Abrasion of road pavement (milling)			
139	ΟΔΟ Δ-2.1	Abrasion of road pavement (milling) at a depth down to 4 cm	ΟΔΟ-1132	m^2	0,95
140	ΟΔΟ Δ-2.2	Abrasion of road pavement (milling) at a depth down to 6 cm	ΟΔΟ-1132	m^2	1,20
141	ΟΔΟ Δ-2.3	Abrasion of road pavement (milling) at a depth down to 8 cm	ΟΔΟ-1132	m^2	1,55
142	ΟΔΟ Δ-3	Asphalt pre-coating	ΟΔΟ-4110	m^2	1,00
143	ΟΔΟ Δ-4	Asphalt adhesive coat	ΟΔΟ-4120	m^2	0,38
144	ΟΔΟ Δ-5.1	Asphalt base layer - compaction thickness 0.05 m	ΟΔΟ-4321Β	m^2	5,90*
145	ΟΔΟ Δ-6	Asphalt layers of variable thickness measured per weight	ΟΔΟ-4421Β	ton	65,20*
146	ΟΔΟ Δ-7	Asphalt binding (levelled) layers - compaction thickness 0.05 m	ΟΔΟ-4421Β	m^2	5,90*
147	ΟΔΟ Δ-8.1	Traffic asphalt layer, standard type – compaction thickness 0.05 m	ΟΔΟ-4521Β	m^2	6,30*
148	ΟΔΟ Δ-8Α	Traffic asphalt layer - urban street type	ΟΔΟ-4521Β	m^2	7,70*
		Reinstatement of asphalt pavements at the locations of utility network trenches			
149	ΥΔΡ 4.09.01	Reinstatement of asphalt pavements, average width of pre-existing asphalt layer 5 cm	ΟΔΟ 4521Β	m2	11,40
150	ΥΔΡ 4.09.02	Reinstatement of asphalt pavements, average width of pre-existing asphalt layer 10 cm	ΟΔΟ 4521Β	m2	17,10
		SIGNAGE - SAFETY			
		VEHICLE RESTRAINT SYSTEMS			
151	ΟΔΟ Ε-1.30.1	Concrete safety barriers, precast, containment level H2, working width W7, height 0.80 m, impact severity class B, option for backfilling in their rear	ΟΔΟ-2548	m	120,00
152	ΟΔΟ Ε-1.30.2	Concrete safety barriers, precast, containment level H2, working width W6, height 0.80 m, impact severity class B	ΟΔΟ-2548	m	110,00
153	ΟΔΟ Ε-1.30.3	Concrete safety barriers, precast, containment level H2, working width W4, height 0.80 m, impact severity class B, anchored or embedded	ΟΔΟ-2548	m	130,00
154	ΟΔΟ Ε-1.30.7	Bridge safety barriers made of concrete, precast, containment level H2, working width W2, height 0.80 m, impact severity class B, anchored or embedded	ΟΔΟ-2548	m	145,00
155	ΟΔΟ Ε-3.1	Dismantling (and eventual reinstallation) of a single-sided steel safety barrier, embedded	ΟΔΟ-2151	m	2,10
156	ΟΔΟ Ν.Ε-3.1.1	Reinstallation of a single-sided steel safety barrier, embedded	ΟΔΟ-2151	m	2,10
		FENCING PANELS - GUARDRAILS			
157	ΟΙΚ Ν.50.15.02	Panels to enhance - in terms of aesthetics – the already installed worksite Fencing	ΟΙΚ 4713	m^2	150,00
158	ΟΔΟ Ε-4.2	Steel guardrails	ΟΔΟ-2652	kg	2,30
		SIGNS			
		Roadside information signs, fully retro-reflective, with type 2 sheeting per ELOT EN 12899-1			
159	ΟΔΟ Ε-8.2.2	Roadside information signs with inscriptions and symbols made of retro-reflective membrane, type 2, per ELOT EN 12899-1	ΟΙΚ-6541	m^2	109,00
160	ΟΔΟ Ε-8.3	Roadside information signs, fully retro-reflective, with type 1 sheeting per ELOT EN 12899-1	ΟΙΚ-6541	m^2	76,00
		Regulatory signs and hazardous area signs			
161	ΟΔΟ Ε-9.1	Hazardous area signs, triangular, side length 0.90 m	ΟΙΚ-6541	pc	44,30
162	ΟΔΟ Ε-9.4	Regulatory signs, medium size	ΟΙΚ-6541	pc	44,30
163	ΟΔΟ Ε-10.1	Traffic sign poles made of galvanized steel tube DN 40 mm (1 ½'')	ΟΔΟ-2653	pc	25,70
164	ΟΔΟ Ε-10.2	Traffic sign poles made of galvanized steel tube DN 80 mm (3'')	ΟΔΟ-2653	pc	40,70
165	ΟΔΟ Ε-14	Trusses for the support of large – size road side signs	ΟΔΟ-2652	kg	2,50
		OTHER SIGNAGE WORKS			
166	ΟΔΟ Ε-15.2	Plastic retro-reflective road stud, temporary, two-way retro-reflective	ΟΙΚ-6532	pc	4,10
167	ΟΔΟ Ε-17.1	Reflective road marking paint	ΟΙΚ-7788	m^2	3,10
168	ΟΔΟ Ε-19	Reflective striped delineator on barriers	ΟΙΚ-6532	pc	14,30
169	ΟΔΟ Ε-20	Base for the Temporary Support of Signs	ΥΔΡ-6620.1	pc	19,00

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No.	Relevant Design Item	Type of Work	Rev. Item	Unit	Price
		ΟΜΑΔΑ Β: ΚΑΤΑΣΚΕΥΕΣ ΑΠΟ ΣΚΥΡΟΔΕΜΑ, ΣΤΕΓΑΝΟΠΟΙΗΣΕΙΣ-ΑΡΜΟΙ, ΛΟΙΠΕΣ ΕΡΓΑΣΙΕΣ			
		CONCRETE			
		Concrete Structures			
170	ΟΔΟ Β-29.1.1	Rafts and blinding concrete from non-reinforced concrete C8/10	ΟΔΟ-2511	m^3	59,70
171	ΟΔΟ Β-29.1.2	Structures made of non-reinforced concrete C8/10	ΟΔΟ-2521	m^3	60,00
172	ΟΔΟ Β-29.2.1	Construction of gutters, trenches, etc., using non-reinforced concrete C12/15	ΟΔΟ-2531	m^3	71,50
173	ΟΔΟ Β-29.2.2	Rafts, pipe sleeves, blinding layers – concrete class C12/15	ΟΔΟ-2531	m^3	74,20
174	ΟΔΟ Β-29.3.1	Construction of gutters, trapezoid trenches, bridge waterproofing protection layers, etc., using C16/20 concrete	ΟΔΟ-2532	m^3	77,80
175	ΟΔΟ Β-29.3.2	Construction of walls, footways on bridges, pile wall lining, etc., using C16/20 concrete	ΟΔΟ-2532	m^3	86,00
176	ΟΔΟ Β-29.3.3	Construction of complete slabs, boneblack bases, thin-walled and square ducts using C16/20 concrete	ΟΔΟ-2532	m^3	95,00
177	ΟΔΟ Β-29.3.4	Minor structures (manholes, rectangular trenches, etc.) using C16/20 concrete	ΟΔΟ-2532	m^3	104,00
178	ΟΔΟ Β-29.3.6	Construction of vaulted concrete ducts with concrete C16/20	ΟΔΟ-2532	m^3	99,50
179	ΟΔΟ Β-29.4.1	Construction of gutters, lined trenches, smoothening of bottoms, etc., using C20/25 concrete	ΟΔΟ-2522	m^3	86,00
180	ΟΔΟ Β-29.4.2	Construction of square ducts with reinforced concrete C20/25	ΟΔΟ-2551	m^3	109,00
181	ΟΔΟ Β-29.4.3	Construction of vaulted ducts with C20/25 concrete	ΟΔΟ-2551	m^3	105,00
182	ΟΔΟ Β-29.4.4	Minor structures of C20/25 concrete	ΟΔΟ-2551	m^3	119,00
183	ΟΔΟ Β-29.4.5	Construction of stands, access plates, walls, parapet walls, etc., using C20/25 concrete	ΟΔΟ-2551	m^3	109,00
184	ΟΔΟ Β-29.7	Application of shotcrete outside underground projects	ΥΔΡ-7017	m^3	105,00
185	ΥΔΡ 9.01	Formwork or Metal formwork of flat surfaces	ΥΔΡ 6301	m^2	7,60
186	ΥΔΡ 9.02	Formwork or Metal formwork of curved surfaces	ΥΔΡ 6302	m^2	17,10
		Concrete production, transportation, casting, compaction and curing			
187	ΥΔΡ 9.10.1	For structures made of concrete class C8/10	ΥΔΡ 6323	m^3	62,00
188	ΥΔΡ 9.10.2	For structures made of concrete class C10/12	ΥΔΡ 6325	m^3	67,00
189	ΥΔΡ 9.10.3	For structures made of concrete class C12/15	ΥΔΡ 6326	m^3	71,00
190	ΥΔΡ 9.10.4	For structures made of concrete class C16/20	ΥΔΡ 6327	m^3	76,00
191	ΥΔΡ 9.10.5	For structures made of concrete class C20/25	ΥΔΡ 6329	m^3	81,00
192	ΥΔΡ 9.10.6	For structures made of concrete class C25/30	ΥΔΡ 6329	m^3	86,00
193	ΥΔΡ 9.10.7	For structures made of concrete class C30/37	ΥΔΡ 6331	m^3	95,00
		REINFORCEMENT			
		Concrete Steel Reinforcement			
194	ΟΔΟ Β-30.1	Concrete Steel Reinforcement B500A	ΟΔΟ-2611	kg	0,95
195	ΟΔΟ Β-30.2	Concrete Steel Reinforcement B500 C outside underground projects	ΟΔΟ-2612	kg	0,95
196	ΟΔΟ Β-30.3	Steel structural mesh B500Coutside underground projects	ΥΔΡ-7018	kg	0,95
197	ΟΔΟ Β-30.4	Concrete Steel Fibres	ΥΔΡ-7018	kg	1,90
198	ΟΔΟ Β-30.5	Polypropylene Concrete Fibres	ΟΙΚ-7914	kg	6,70
199	ΥΔΡ 9.26	Supply and Installation of concrete steel reinforcement for hydraulic works	ΥΔΡ 6311	kg	0,90
		TREATMENT OF CONCRETE SURFACES – INSULATIONS - JOINTS			
200	ΟΔΟ Β-33	Hard pressed plaster 1.5 cm thick for external surfaces	ΥΔΡ-6402	m^2	7,00
201	ΟΔΟ Β-34	Hard pressed plaster 2.0 cm thick for the external surfaces of sewers and manholes/sumps	ΥΔΡ-6403	m^2	8,50
202	ΟΔΟ Β-36	Insulation by applying two coats of asphalt	ΟΔΟ-2411	m^2	1,45
203	ΟΔΟ Β-37.1	Sealing the concrete surface with asphalt membrane on asphalt concrete blinding	ΟΔΟ-2412	m^2	9,50
204	ΟΔΟ Β-37.2	Sealing concrete surfaces with two layers of asphalt fabric and protection mortar	ΟΔΟ-2412	m^2	11,00
205	ΟΔΟ Β-42	Waterproofing drainage channels bottom with geomembrane	ΟΔΟ-2412	m^2	5,40
206	ΟΔΟ Β-43.1	Sealing horizontal joints with asphalt mastic applied in hot	ΥΔΡ-6370	m	3,20
207	ΟΔΟ Β-43.2	Sealing vertical and oblique joints with plastomer asphalt mastic	ΥΔΡ-6370	m	3,60
208	ΟΔΟ Β-44	Sealing of joints with waterstop	ΥΔΡ-6373	m	11,30
209	ΟΔΟ Β-64.1	Geotextiles for underdrains	ΟΙΚ-7914	m^2	1,35

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No.	Relevant Design Item	Type of Work	Rev. Item	Unit	Price
		Flexible tapes of indoor type (Waterstops) for waterproofing concrete joints			
210	ΥΔΡ 10.02.01	For 160 mm. wide tapes	ΥΔΡ 6373	m	12,40
211	ΥΔΡ 10.02.02	For 240 mm. wide tapes	ΥΔΡ 6373	m	16,60
212	ΥΔΡ 10.02.03	For 300 mm. wide tapes	ΥΔΡ 6373	m	21,40
		Joint sealing of nominal gap 10mm using elastomeric material			
213	ΥΔΡ 10.03.01	Joint Sealing of 10mm span using polyurethane-based materials	ΥΔΡ 6373	m	14,30
214	ΥΔΡ 10.03.02	Joint Sealing of 10mm span using polysulfide-based materials	ΥΔΡ 6373	m	17,10
215	ΥΔΡ 10.03.03	Joint Sealing of 10mm span using acrylic-based materials	ΥΔΡ 6373	m	11,40
216	ΥΔΡ 10.24	Perforated plastic drainage pipes D160 mm lined with geotextile	ΥΔΡ 6620.1	m	14,30
217	ΥΔΡ 10.25	Application of epoxy welding material over an already existing concrete surface	ΥΔΡ 6370	m2	11,40
218	ΥΔΡ 10.30	Joints sealing using a bentonite expansive tape	ΥΔΡ-6373	m	8,60
		URBAN ROADWORKS			
219	ΟΔΟ Β-51	Precast concrete curbs	ΟΔΟ-2921	m	8,00
220	ΟΔΟ Β-52	Slab paving of sidewalks, traffic islands, etc.	ΟΔΟ-2922	m^2	11,40
221	ΟΔΟ Β-81	Concrete slabs paving, 40x40 cm	ΟΔΟ-2922	m^2	14,30
222	ΟΔΟ Β-82	Configuration of crossings for persons with disabilities in sidewalks and traffic isles	ΟΔΟ-2922	τεμ.	95,00
223	ΟΔΟ Β-83	Concrete tree edging	ΟΔΟ-2921	τεμ.	19,00
224	ΟΔΟ Β-85	Adjusting the level of an existing manhole on a sidewalk under reconstruction	ΟΔΟ-2548	τεμ.	33,30
225	ΥΔΡ 4.10	Retrofitting of paving slabs on sidewalks, traffic islands or squares above underground utility trenches	ΥΔΡ 6804	m2	23,80
226	ΥΔΡ 4.11	Reinstatement of sidewalk, made of non-reinforced concrete above underground utility trenches	ΥΔΡ 6804	m2	9,50
GROUP C: METAL STRUCTURES – FITTINGS, MANHOLES, PIPING – NETWORKS, NETWORK - PIPING ITEMS, REPAIR – MAINTENANCE WORKS, OTHER NETWORK STRUCTURES					
		METAL STRUCTURES - FITTINGS			
227	ΟΔΟ Β-48	Galvanized iron articles	ΟΔΟ-2672	kg	2,20
228	ΟΔΟ Β-49	Cast iron gully tops	ΥΔΡ-6752	kg	1,20
229	ΟΔΟ Β-50	Steps made of mild cast iron	ΥΔΡ-6753	kg	1,90
230	ΥΔΡ 11.01.02	Ductile iron tops	ΥΔΡ 6752	kg	2,70
231	ΥΔΡ 11.02.04	Ductile iron drainage gratings	ΥΔΡ 6752	kg	2,70
232	ΥΔΡ 11.03	Cast iron steps	ΥΔΡ 6753	kg	2,00
		SUMPS			
		Standard stormwater drainage and sewage sumps (Works Construction Standards)			
233	ΟΔΟ Β-66.1	Sump, type Φ1N (Works Construction Standards)	ΟΔΟ-2548	pc	362,00
234	ΟΔΟ Β-66.2	Sumps between slopes (Works Construction Standards)	ΟΔΟ-2548	pc	497,62
235	ΟΔΟ Β-66.3	Sewerage manhole, type Φ10 (D=0.40 m or 0.60 m (Works Construction Standards)	ΟΔΟ-2548	pc	810,00
236	ΟΔΟ Β-66.4	Sewerage manhole, type Φ10 (D=0.80 m) (Works Construction Standards)	ΟΔΟ-2548	pc	1.050,00
237	ΟΔΟ Β-66.5	Sewerage manhole, type Φ11 (D=1.00 m) (Works Construction Standards)	ΟΔΟ-2548	pc	1.540,00
238	ΟΔΟ Β-66.6	Sewerage manhole, type Φ12 (D=1.20 m) (Works Construction Standards)	ΟΔΟ-2548	pc	2.040,00
239	ΟΔΟ Β-66.7	Underdrains manhole (Works Construction Standards)	ΟΔΟ-2548	pc	317,00
		Typical air relief valve manholes		pc	
240	ΥΔΡ 9.30.01	for pipes DN < 600 mm and dimensions 2.00x1.50 m	50% ΥΔΡ-6329 50% ΥΔΡ-6311	pc	2.190,00
241	ΥΔΡ 9.30.02	for pipes DN > 600 mm and dimensions 2.20x1.50 m	50% ΥΔΡ-6329 50% ΥΔΡ-6311	pc	2.380,00
		Typical Water Discharge Manholes		pc	
242	ΥΔΡ 9.31.01	simple manholes	50% ΥΔΡ 6327 50%ΥΔΡ6311	pc	1.810,00

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No.	Relevant Design Item	Type of Work	Rev. Item	Unit	Price
243	ΥΔΡ 9.31.02	2-chamber manholes	50% ΥΔΡ 6327 50% ΥΔΡ 6311	pc	3.180,00
		Typical valves manholes			
244	ΥΔΡ 9.32.01	for pipes DN < 300 mm and dimensions 1.50x1.50 m	50% ΥΔΡ-6329 50% ΥΔΡ-6311	pc	1.470,00
245	ΥΔΡ 9.32.02	for pipes DN 300 – 600 mm and dimensions 2.00x2.50 m	50% ΥΔΡ-6329 50% ΥΔΡ-6311	pc	2.990,00
246	ΥΔΡ 9.32.03	for pipes DN > 600 mm and dimensions 2.00x3.00 m	50% ΥΔΡ-6329 50% ΥΔΡ-6311	pc	3.470,00
		Typical supply meter devices manholes		pc	
247	ΥΔΡ 9.33.01	for pipes DN ≤ 300 mm, and dimensions 2.00x1.50 m	50% ΥΔΡ-6329 50% ΥΔΡ-6311	pc	2.000,00
248	ΥΔΡ 9.33.02	for pipes DN > 300 mm, and dimensions 2.20x1.50 m	50% ΥΔΡ-6329 50% ΥΔΡ-6311	pc	2.520,00
249	ΥΔΡ 9.33.03	dimensions 2.50 x 2.50 m	50% ΥΔΡ-6329 50% ΥΔΡ-6311	pc	3.470,00
250	ΥΔΡ 9.34	Typical water hammer arresting valves manholes	50% ΥΔΡ-6329 50% ΥΔΡ-6311	pc	3.990,00
251	ΥΔΡ 9.35	Flow direction changing manholes, pipes DN ≤ 300 mm	50% ΥΔΡ-6329 50% ΥΔΡ-6311	pc	860,00
252	ΥΔΡ 9.36	Typical junction manholes	50% ΥΔΡ 6327 50% ΥΔΡ 6311	pc	2.570,00
		PIPING - NETWORKS			
253	ΟΔΟ Β-59	Galvanized cable conduits DN100 (incorporated)	ΗΛΜ-5	m	22,60
		Supply, transportation at the installation location and placement of precast concrete sewage pipes, strength class 120, per ELOT EN 1916			
254	ΥΔΡ 12.01.01.01	Nominal diameter D200 mm	ΥΔΡ 6551.1	m	13,30
255	ΥΔΡ 12.01.01.02	Nominal diameter D300 mm	ΥΔΡ 6551.2	m	20,90
256	ΥΔΡ 12.01.01.03	Nominal diameter D400 mm	ΥΔΡ 6551.3	m	38,00
257	ΥΔΡ 12.01.01.04	Nominal diameter D500 mm	ΥΔΡ 6551.4	m	52,00
258	ΥΔΡ 12.01.01.05	Nominal diameter D600 mm	ΥΔΡ 6551.5	m	67,00
259	ΥΔΡ 12.01.01.06	Nominal diameter D800 mm	ΥΔΡ 6551.6	m	95,00
260	ΥΔΡ 12.01.01.07	Nominal diameter D1000 mm	ΥΔΡ 6551.7	m	133,00
261	ΥΔΡ 12.01.01.08	Nominal diameter D1200 mm	ΥΔΡ 6551.7	m	162,00
262	ΥΔΡ 12.01.01.09	Nominal diameter D1400 mm	ΥΔΡ 6551.7	m	209,00
263	ΥΔΡ 12.01.01.10	Nominal diameter D1600 mm	ΥΔΡ 6551.7	m	266,00
264	ΥΔΡ 12.01.01.11	Nominal diameter D1800 mm	ΥΔΡ 6551.7	m	360,00
265	ΥΔΡ 12.01.01.12	Nominal diameter D2000 mm	ΥΔΡ 6551.7	m	480,00
266	ΥΔΡ 12.01.01.13	Nominal diameter D2250 mm	ΥΔΡ 6551.7	m	620,00
267	ΥΔΡ 12.01.01.14	Nominal diameter D2500 mm	ΥΔΡ 6551.7	m	780,00
		Solid wall PVC-U sewage pipes			
268	ΥΔΡ 12.10.01	Sewage ducts made of PVC-U pipes, SDR 41, DN 110 mm	ΥΔΡ 6711.1	m	3,50
269	ΥΔΡ 12.10.02	Sewage ducts made of PVC-U pipes, SDR 41, DN 125 mm	ΥΔΡ 6711.1	m	3,90
270	ΥΔΡ 12.10.03	Sewage ducts made of PVC-U pipes, SDR 41, DN 160 mm	ΥΔΡ 6711.1	m	6,50
271	ΥΔΡ 12.10.04	Sewage ducts made of PVC-U pipes, SDR 41, DN 200 mm	ΥΔΡ 6711.2	m	8,60
272	ΥΔΡ 12.10.05	Sewage ducts made of PVC-U pipes, SDR 41, DN 250 mm	ΥΔΡ 6711.3	m	13,60
273	ΥΔΡ 12.10.06	Sewage ducts made of PVC-U pipes, SDR 41, DN 315 mm	ΥΔΡ 6711.4	m	21,00
274	ΥΔΡ 12.10.07	Sewage ducts made of PVC-U pipes, SDR 41, DN 355 mm	ΥΔΡ 6711.5	m	25,50
275	ΥΔΡ 12.10.08	Sewage ducts made of PVC-U pipes, SDR 41, DN 400 mm	ΥΔΡ 6711.6	m	31,40
276	ΥΔΡ 12.10.09	Sewage ducts made of PVC-U pipes, SDR 41, DN 500 mm	ΥΔΡ 6711.7	m	46,40
277	ΥΔΡ 12.10.10	Sewage ducts made of PVC-U pipes, SDR 41, DN 630 mm	ΥΔΡ 6711.7	m	71,00

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No.	Relevant Design Item	Type of Work	Rev. Item	Unit	Price
		Saddle with coupler glued onto sewage pipes made of PVC-U series 41			
278	ΥΔΡ 12.12.01.01	Saddle/coupler – Nominal diameters 200/125 mm.	ΥΔΡ 6712.1	pc	27,90
279	ΥΔΡ 12.12.01.02	Saddle/coupler – Nominal diameters 250/160 mm.	ΥΔΡ 6712.2	pc	29,90
280	ΥΔΡ 12.12.01.03	Saddle/coupler – Nominal diameters 315/160 mm.	ΥΔΡ 6712.3	pc	35,90
281	ΥΔΡ 12.12.01.04	Saddle/coupler – Nominal diameters 355/160 mm.	ΥΔΡ 6712.4	pc	40,90
282	ΥΔΡ 12.12.01.05	Saddle/coupler – Nominal diameters 400/160 mm.	ΥΔΡ 6712.5	pc	44,90
		Ducts under pressure, made of PVC-U pipes			
		Nominal pressure 10 at			
283	ΥΔΡ 12.13.02.01	Nominal diameter D 50 mm	ΥΔΡ 6621.1	m	2,70
284	ΥΔΡ 12.13.02.02	Nominal diameter D 63 mm	ΥΔΡ 6621.1	m	3,70
285	ΥΔΡ 12.13.02.03	Nominal diameter D 75 mm	ΥΔΡ 6621.1	m	4,40
286	ΥΔΡ 12.13.02.04	Nominal diameter D 90 mm	ΥΔΡ 6621.1	m	5,60
287	ΥΔΡ 12.13.02.05	Nominal diameter D110 mm	ΥΔΡ 6621.1	m	6,80
288	ΥΔΡ 12.13.02.06	Nominal diameter D140 mm	ΥΔΡ 6621.2	m	11,50
289	ΥΔΡ 12.13.02.07	Nominal diameter D160 mm	ΥΔΡ 6621.3	m	13,50
290	ΥΔΡ 12.13.02.08	Nominal diameter D200 mm	ΥΔΡ 6621.4	m	19,00
291	ΥΔΡ 12.13.02.09	Nominal diameter D225 mm	ΥΔΡ 6621.5	m	25,00
292	ΥΔΡ 12.13.02.10	Nominal diameter D280 mm	ΥΔΡ 6621.6	m	39,90
293	ΥΔΡ 12.13.02.11	Nominal diameter D315 mm	ΥΔΡ 6621.7	m	49,90
294	ΥΔΡ 12.13.02.12	Nominal diameter D355 mm	ΥΔΡ 6621.8	m	60,00
295	ΥΔΡ 12.13.02.13	Nominal diameter D400 mm	ΥΔΡ 6621.9	m	75,00
296	ΥΔΡ 12.13.02.14	Nominal diameter D450 mm	ΥΔΡ 6621.9	m	90,00
297	ΥΔΡ 12.13.02.15	Nominal diameter D500 mm	ΥΔΡ 6621.9	m	109,00
		Nominal pressure 16 at			
298	ΥΔΡ 12.13.04.01	Nominal diameter D 50 mm	ΥΔΡ 6622.1	m	3,50
299	ΥΔΡ 12.13.04.02	Nominal diameter D 63 mm	ΥΔΡ 6622.1	m	4,80
300	ΥΔΡ 12.13.04.03	Nominal diameter D 75 mm	ΥΔΡ 6622.1	m	5,70
301	ΥΔΡ 12.13.04.04	Nominal diameter D 90 mm	ΥΔΡ 6622.1	m	7,20
302	ΥΔΡ 12.13.04.05	Nominal diameter D110 mm	ΥΔΡ 6622.1	m	9,10
303	ΥΔΡ 12.13.04.06	Nominal diameter D140 mm	ΥΔΡ 6622.2	m	15,00
304	ΥΔΡ 12.13.04.07	Nominal diameter D160 mm	ΥΔΡ 6622.3	m	20,00
305	ΥΔΡ 12.13.04.08	Nominal diameter D200 mm	ΥΔΡ 6622.3	m	27,90
306	ΥΔΡ 12.13.04.09	Nominal diameter D225 mm	ΥΔΡ 6622.3	m	35,00
307	ΥΔΡ 12.13.04.10	Nominal diameter D280 mm	ΥΔΡ 6622.3	m	58,00
308	ΥΔΡ 12.13.04.11	Nominal diameter D315 mm	ΥΔΡ 6622.3	m	70,00
309	ΥΔΡ 12.13.04.12	Nominal diameter D355 mm	ΥΔΡ 6622.3	m	85,00
310	ΥΔΡ 12.13.04.13	Nominal diameter D400 mm	ΥΔΡ 6622.3	m	105,00
311	ΥΔΡ 12.13.04.14	Nominal diameter D450 mm	ΥΔΡ 6622.3	m	129,00
312	ΥΔΡ 12.13.04.15	Nominal diameter D500 mm	ΥΔΡ 6622.3	m	160,00
		Plastics Piping System under pressure consisting of solid wall PE pipes, (minimum required strength MRS10 = 10 MPa), per EN 12201-2			
		Nominal pressure 10 at			
313	ΥΔΡ 12.14.01.04	Nominal diameter DN 63 mm / PN 10 atm	ΥΔΡ 6621.1	m	4,30
314	ΥΔΡ 12.14.01.06	Nominal diameter DN 90 mm / PN 10 atm	ΥΔΡ 6621.1	m	7,00
315	ΥΔΡ 12.14.01.07	Nominal Diameter DN 110 mm / PN 10 atm	ΥΔΡ 6621.1	m	9,30
316	ΥΔΡ 12.14.01.08	Nominal Diameter DN 125 mm / PN 10 atm	ΥΔΡ 6621.2	m	11,00
317	ΥΔΡ 12.14.01.09	Nominal Diameter DN 140 mm / PN 10 atm	ΥΔΡ 6621.2	m	14,00
318	ΥΔΡ 12.14.01.10	Nominal Diameter DN 160 mm / PN 10 atm	ΥΔΡ 6621.3	m	16,00
319	ΥΔΡ 12.14.01.11	Nominal Diameter DN 200 mm / PN 10 atm	ΥΔΡ 6621.4	m	21,90
320	ΥΔΡ 12.14.01.15	Nominal Diameter DN 315 mm / PN 10 atm	ΥΔΡ 6621.7	m	55,00
		Nominal Pressure 16 at			
321	ΥΔΡ 12.14.01.44	Nominal Diameter DN 63 mm / PN 16 atm	ΥΔΡ 6622.1	m	5,60
322	ΥΔΡ 12.14.01.46	Nominal Diameter DN 90 mm / PN 16 atm	ΥΔΡ 6622.1	m	8,80
323	ΥΔΡ 12.14.01.47	Nominal Diameter DN 110 mm / PN 16 atm	ΥΔΡ 6622.1	m	13,00
324	ΥΔΡ 12.14.01.48	Nominal Diameter DN 125 mm / PN 16 atm	ΥΔΡ 6622.2	m	17,00
325	ΥΔΡ 12.14.01.49	Nominal Diameter DN 140 mm / PN 16 atm	ΥΔΡ 6622.2	m	20,00
326	ΥΔΡ 12.14.01.50	Nominal Diameter DN 160 mm / PN 16 atm	ΥΔΡ 6622.3	m	25,00
327	ΥΔΡ 12.14.01.51	Nominal Diameter DN 200 mm / PN 16 atm	ΥΔΡ 6622.3	m	37,90
328	ΥΔΡ 12.14.01.55	Nominal Diameter DN 315 mm / PN 16 atm	ΥΔΡ 6622.3	m	85,00
		Networks under pressure made of ductile iron pipes			
329	ΥΔΡ 12.15.01	Pipes DN 100 mm / class C40, per ELOT EN 545	ΥΔΡ 6623	m	29,90
330	ΥΔΡ 12.15.02	Pipes DN 125 mm / class C40, per ELOT EN 545	ΥΔΡ 6623	m	35,00

No.	Relevant Design Item	Type of Work	Rev. Item	Unit	Price
331	ΥΔΡ 12.15.03	Pipes DN 150 mm / class C40, per ELOT EN 545	ΥΔΡ 6623	m	39,90
332	ΥΔΡ 12.15.04	Pipes DN 200 mm / class C40, per ELOT EN 545	ΥΔΡ 6623	m	55,00
333	ΥΔΡ 12.15.05	Pipes DN 250 mm / class C40, per ELOT EN 545	ΥΔΡ 6623	m	70,00
334	ΥΔΡ 12.15.06	Pipes DN 300 mm / class C40, per ELOT EN 545	ΥΔΡ 6623	m	100,00
335	ΥΔΡ 12.15.07	Pipes DN 350 mm / class C30, per ELOT EN 545	ΥΔΡ 6623	m	115,00
336	ΥΔΡ 12.15.08	Pipes DN 400 mm / class C30, per ELOT EN 545	ΥΔΡ 6623	m	130,00
337	ΥΔΡ 12.15.09	Pipes DN 450 mm / class C30, per ELOT EN 545	ΥΔΡ 6623	m	135,00
338	ΥΔΡ 12.15.10	Pipes DN 500 mm / class C30, per ELOT EN 545	ΥΔΡ 6623	m	150,00
339	ΥΔΡ 12.15.11	Pipes DN 600 mm / class C30, per ELOT EN 545	ΥΔΡ 6623	m	180,00
340	ΥΔΡ 12.15.12	Pipes DN 700 mm / class C25, per ELOT EN 545	ΥΔΡ 6623	m	215,00
341	ΥΔΡ 12.15.13	Pipes DN 800 mm / class C25, per ELOT EN 545	ΥΔΡ 6623	m	255,00
342	ΥΔΡ 12.15.14	Pipes DN 900 mm / class C25, per ELOT EN 545	ΥΔΡ 6623	m	350,00
343	ΥΔΡ 12.15.15	Pipes DN 1000 mm / class C25, per ELOT EN 545	ΥΔΡ 6623	m	370,00
344	ΥΔΡ 12.15.16	Pipes DN 1100 mm / class C25, per ELOT EN 545	ΥΔΡ 6623	m	490,00
345	ΥΔΡ 12.15.17	Pipes DN 1200 mm / class C25, per ELOT EN 545	ΥΔΡ 6623	m	610,00
		Sewage networks made of ductile iron pipes			
346	ΥΔΡ 12.16.01	Pipes DN 100 mm, per ΕΛΟΤ EN 598	ΥΔΡ 6623	m	35,00
347	ΥΔΡ 12.16.02	Pipes DN 125 mm, per ΕΛΟΤ EN 598	ΥΔΡ 6623	m	41,90
348	ΥΔΡ 12.16.03	Pipes DN 150 mm, per ΕΛΟΤ EN 598	ΥΔΡ 6623	m	47,90
349	ΥΔΡ 12.16.04	Pipes DN 200 mm, per ΕΛΟΤ EN 598	ΥΔΡ 6623	m	60,00
350	ΥΔΡ 12.16.05	Pipes DN 250 mm, per ΕΛΟΤ EN 598	ΥΔΡ 6623	m	80,00
351	ΥΔΡ 12.16.06	Pipes DN 300 mm, per ΕΛΟΤ EN 598	ΥΔΡ 6623	m	100,00
352	ΥΔΡ 12.16.07	Pipes DN 350 mm, per ΕΛΟΤ EN 598	ΥΔΡ 6623	m	115,00
353	ΥΔΡ 12.16.08	Pipes DN 400 mm, per ΕΛΟΤ EN 598	ΥΔΡ 6623	m	130,00
354	ΥΔΡ 12.16.09	Pipes DN 450 mm, per ΕΛΟΤ EN 598	ΥΔΡ 6623	m	140,00
355	ΥΔΡ 12.16.10	Pipes DN 500 mm, per ΕΛΟΤ EN 598	ΥΔΡ 6623	m	160,00
356	ΥΔΡ 12.16.11	Pipes DN 600 mm, per ΕΛΟΤ EN 598	ΥΔΡ 6623	m	190,00
357	ΥΔΡ 12.16.12	Pipes DN 700 mm, per ΕΛΟΤ EN 598	ΥΔΡ 6623	m	244,00
358	ΥΔΡ 12.16.13	Pipes DN 800 mm, per ΕΛΟΤ EN 598	ΥΔΡ 6623	m	285,00
359	ΥΔΡ 12.16.14	Pipes DN 900 mm, per ΕΛΟΤ EN 598	ΥΔΡ 6623	m	370,00
360	ΥΔΡ 12.16.15	Pipes DN 1000 mm, per ΕΛΟΤ EN 598	ΥΔΡ 6623	m	410,00
		Piping special pieces made of spheroid graphite ductile iron			
361	ΥΔΡ 12.17.01	Curves, Tees, stepdown adaptors plugs etc. of all types, sizes and pressure classes, per ELOT EN 545 & ELOT EN 598	ΥΔΡ 6623	kg	2,40
		Fixing items (saddles) of pressure pipes made of spheroid graphite ductile iron per ELOT EN 545, fully installed, with the required bolts			
362	ΥΔΡ 12.17.02.01	Saddle DN 100 mm	ΥΔΡ 6623	pc	4,30
363	ΥΔΡ 12.17.02.02	Saddle DN 125 mm	ΥΔΡ 6623	pc	5,20
364	ΥΔΡ 12.17.02.03	Saddle DN 150 mm	ΥΔΡ 6623	pc	5,70
365	ΥΔΡ 12.17.02.04	Saddle DN 200 mm	ΥΔΡ 6623	pc	8,10
366	ΥΔΡ 12.17.02.05	Saddle DN 250 mm	ΥΔΡ 6623	pc	10,00
367	ΥΔΡ 12.17.02.06	Saddle DN 300 mm	ΥΔΡ 6623	pc	14,30
368	ΥΔΡ 12.17.02.07	Saddle DN 350 mm	ΥΔΡ 6623	pc	16,60
369	ΥΔΡ 12.17.02.08	Saddle DN 400 mm	ΥΔΡ 6623	pc	18,50
370	ΥΔΡ 12.17.02.09	Saddle DN 450 mm	ΥΔΡ 6623	pc	25,70
371	ΥΔΡ 12.17.02.10	Saddle DN 500 mm	ΥΔΡ 6623	pc	28,50
372	ΥΔΡ 12.17.02.11	Saddle DN 600 mm	ΥΔΡ 6623	pc	34,20
373	ΥΔΡ 12.17.02.12	Saddle DN 700 mm	ΥΔΡ 6623	pc	40,90
374	ΥΔΡ 12.17.02.13	Saddle DN 800 mm	ΥΔΡ 6623	pc	73,00
375	ΥΔΡ 12.17.02.14	Saddle DN 900 mm	ΥΔΡ 6623	pc	84,00
376	ΥΔΡ 12.17.02.15	Saddle DN 1000 mm	ΥΔΡ 6623	pc	88,00
377	ΥΔΡ 12.17.02.16	Saddle DN 1100 mm	ΥΔΡ 6623	pc	105,00
378	ΥΔΡ 12.17.02.17	Saddle DN 1200 mm	ΥΔΡ 6623	pc	124,00
		Construction of straight sections of the network using steel pipes			
379	ΥΔΡ 12.18.01	Using steel pipes, inner protection of coal tar (bituminous) and outer protection of coal tar (bituminous) and a double layer of glass fiber fabric	ΥΔΡ 6630.1	kg	1,81
380	ΥΔΡ 12.18.02	Using steel pipes, outer insulation of coal tar (bituminous) and polyethylene sheet and inner epoxy resin insulation	ΥΔΡ 6630.1	kg	1,85
381	ΥΔΡ 12.18.03	Using steel pipes, outer insulation of coal tar (bituminous) and polyethylene sheet and inner insulation made of centrifugally applied concrete (screed)	ΥΔΡ 6630.1	kg	1,90
382	ΥΔΡ 12.19	Curves, stepdown adaptors and steel pipes joints	ΥΔΡ 6630.1	kg	3,00

No.	Relevant Design Item	Type of Work	Rev. Item	Unit	Price
383	ΥΔΡ 12.20	Steel welding flanges	ΥΔΡ 6651.1	kg	4,50
		Design and construction of cathodic protection			
384	ΥΔΡ 12.21.01	Soil electrodynamic and resistance measurements (field works and report preparation)	ΥΔΡ 6630.1	km	1.000,00
385	ΥΔΡ 12.21.02	Cathodic protection system design	ΥΔΡ 6630.1	km	1.000,00
386	ΥΔΡ 12.21.03	Cathodic protection system construction	ΥΔΡ 6630.1	km	2.000,00
		FITTINGS FOR PIPING NETWORKS			
		Slide gate valves, cast steel			
		Flanged, nominal pressure 16 atm			
387	ΥΔΡ 13.03.03.01	Nominal diameter DN 50 mm	ΥΔΡ 6651.1	pc	152,00
388	ΥΔΡ 13.03.03.02	Nominal diameter DN 80 mm	ΥΔΡ 6651.1	pc	181,00
389	ΥΔΡ 13.03.03.03	Nominal diameter DN 100 mm	ΥΔΡ 6651.1	pc	238,00
390	ΥΔΡ 13.03.03.05	Nominal diameter DN 150 mm	ΥΔΡ 6651.1	pc	350,00
391	ΥΔΡ 13.03.03.07	Nominal diameter DN 200 mm	ΥΔΡ 6651.1	pc	580,00
		Flanged, nominal pressure 25 atm			
392	ΥΔΡ 13.03.04.01	Nominal diameter DN 80 mm	ΥΔΡ 6651.1	pc	350,00
393	ΥΔΡ 13.03.04.02	Nominal diameter DN 100 mm	ΥΔΡ 6651.1	pc	450,00
394	ΥΔΡ 13.03.04.03	Nominal diameter DN 150 mm	ΥΔΡ 6651.1	pc	700,00
395	ΥΔΡ 13.03.04.04	Nominal diameter DN 200 mm	ΥΔΡ 6651.1	pc	1.000,00
396	ΥΔΡ 13.03.04.05	Nominal diameter DN 300 mm	ΥΔΡ 6651.1	pc	2.140,00
		Flanged butterfly (wafer) valves, cast steel			
		Nominal pressure 16 atm			
397	ΥΔΡ 13.04.04.01	Nominal diameter DN 250 mm, 16 at	ΥΔΡ 6651.1	pc	1.090,00
398	ΥΔΡ 13.04.04.02	Nominal diameter DN 400 mm, 16 at	ΥΔΡ 6651.1	pc	3.090,00
399	ΥΔΡ 13.04.04.03	Nominal diameter DN 500 mm, 16 at	ΥΔΡ 6651.1	pc	4.280,00
400	ΥΔΡ 13.04.04.04	Nominal diameter DN 600 mm, 16 at	ΥΔΡ 6651.1	pc	5.230,00
401	ΥΔΡ 13.04.04.05	Nominal diameter DN 700 mm, 16 at	ΥΔΡ 6651.1	pc	5.990,00
		Nominal pressure 25 atm			
402	ΥΔΡ 13.04.05.01	Nominal diameter DN 200 mm, 25 at	ΥΔΡ 6651.1	pc	1.090,00
403	ΥΔΡ 13.04.05.02	Nominal diameter DN 250 mm, 25 at	ΥΔΡ 6651.1	pc	1.430,00
404	ΥΔΡ 13.04.05.03	Nominal diameter DN 500 mm, 25 at	ΥΔΡ 6651.1	pc	5.320,00
405	ΥΔΡ 13.04.05.04	Nominal diameter DN 600 mm, 25 at	ΥΔΡ 6651.1	pc	7.980,00
406	ΥΔΡ 13.04.05.05	Nominal diameter DN 700 mm, 25 at	ΥΔΡ 6651.1	pc	12.000,00
407	ΥΔΡ 13.04.05.06	Nominal diameter DN 800 mm, 25 at	ΥΔΡ 6651.1	pc	16.000,00
		Kinetic dual orifice air-relief valves			
		Nominal pressure 16 atm			
408	ΥΔΡ 13.10.02.01	Nominal diameter DN 50 mm	ΥΔΡ 6653.1	pc	137,50
409	ΥΔΡ 13.10.02.02	Nominal diameter DN 80 mm	ΥΔΡ 6653.1	pc	247,00
410	ΥΔΡ 13.10.02.03	Nominal diameter DN 100 mm	ΥΔΡ 6653.1	pc	320,00
411	ΥΔΡ 13.10.02.04	Nominal diameter DN 150 mm	ΥΔΡ 6653.1	pc	720,00
412	ΥΔΡ 13.10.02.05	Nominal diameter DN 200 mm	ΥΔΡ 6653.1	pc	1.350,00
		Nominal pressure 25 atm			
413	ΥΔΡ 13.10.03.01	Nominal diameter DN 50 mm	ΥΔΡ 6653.1	pc	340,00
414	ΥΔΡ 13.10.03.02	Nominal diameter DN 80 mm	ΥΔΡ 6653.1	pc	480,00
415	ΥΔΡ 13.10.03.03	Nominal diameter DN 100 mm	ΥΔΡ 6653.1	pc	520,00
416	ΥΔΡ 13.10.03.04	Nominal diameter DN 150 mm	ΥΔΡ 6653.1	pc	920,00
417	ΥΔΡ 13.10.03.05	Nominal diameter DN 200 mm	ΥΔΡ 6653.1	pc	1.620,00
		Steel dismantling joints			
		Nominal pressure PN 16 at			
418	ΥΔΡ 13.15.02.01	Nominal diameter DN 50 mm	ΥΔΡ 6651.1	pc	43,86
419	ΥΔΡ 13.15.02.03	Nominal diameter DN 80 mm	ΥΔΡ 6651.1	pc	82,00
420	ΥΔΡ 13.15.02.06	Nominal diameter DN 150 mm	ΥΔΡ 6651.1	pc	171,00
421	ΥΔΡ 13.15.02.09	Nominal diameter DN 250 mm	ΥΔΡ 6651.1	pc	410,00
422	ΥΔΡ 13.15.02.12	Nominal diameter DN 400 mm	ΥΔΡ 6651.1	pc	780,00
423	ΥΔΡ 13.15.02.14	Nominal diameter DN 500 mm	ΥΔΡ 6651.1	pc	970,00
424	ΥΔΡ 13.15.02.15	Nominal diameter DN 600 mm	ΥΔΡ 6651.1	pc	1.240,00
425	ΥΔΡ 13.15.02.16	Nominal diameter DN 700 mm	ΥΔΡ 6651.1	pc	1.570,00
		Nominal pressure PN 25 at			
426	ΥΔΡ 13.15.03.01	Nominal diameter DN 80 mm	ΥΔΡ 6651.1	pc	90,00
427	ΥΔΡ 13.15.03.02	Nominal diameter DN 150 mm	ΥΔΡ 6651.1	pc	185,00
428	ΥΔΡ 13.15.03.03	Nominal diameter DN 200 mm	ΥΔΡ 6651.1	pc	276,00
429	ΥΔΡ 13.15.03.04	Nominal diameter DN 250 mm	ΥΔΡ 6651.1	pc	400,00
430	ΥΔΡ 13.15.03.05	Nominal diameter DN 500 mm	ΥΔΡ 6651.1	pc	920,00

No.	Relevant Design Item	Type of Work	Rev. Item	Unit	Price
431	ΥΔΡ 13.15.03.06	Nominal diameter DN 600 mm	ΥΔΡ 6651.1	pc	1.240,00
432	ΥΔΡ 13.15.03.07	Nominal diameter DN 700 mm	ΥΔΡ 6651.1	pc	1.600,00
433	ΥΔΡ 13.15.03.08	Nominal diameter DN 800 mm	ΥΔΡ 6651.1	pc	2.240,00
		WORKS FOR THE REPAIR AND MAINTENANCE OF NETWORKS AND OTHER MINOR STRUCTURES			
434	ΥΔΡ 16.01	Connection of water sump discharge pipe with the rainwater network	ΥΔΡ 6744	pc	95,00
435	ΥΔΡ 16.02	Retaining of overhead networks pole	ΥΔΡ 6801	pc	28,50
436	ΥΔΡ 16.03	Construction of connector to concrete pipes for the connection of properties with the sewage network	ΟΙΚ-2226	pc	14,30
437	ΥΔΡ 16.04	Connection of a property with the sewage network using PVC/41 pipes with nominal diameter D160 mm	ΥΔΡ 6711.1	m	14,30
438	ΥΔΡ 16.05	Cleaning of rectangular, trough-shaped, oval and circular pipes from carried material and deposits	ΥΔΡ 6053	m3	19,00
		Repair of the front panel and the cover of type T sump (side opening)			
		Repair of sump with damaged front panel and covering, up to 35 cm wide			
439	ΥΔΡ 16.06.01.01	For the first side opening of the sump	ΥΔΡ 6327x50% ΥΔΡ 6301x50%	pc	95,00
440	ΥΔΡ 16.06.01.02	For each additional opening	ΥΔΡ 6327x50% ΥΔΡ 6301x50%	pc	67,00
		Repair of sump with damaged front panel and covering, wider than 35 cm			
441	ΥΔΡ 16.06.02.01	For the first side opening of the sump	ΥΔΡ 6327x50% ΥΔΡ 6301x50%	pc	143,00
442	ΥΔΡ 16.06.02.02	For each additional opening	ΥΔΡ 6327x50% ΥΔΡ 6301x50%	pc	95,00
		Fitting the sump grids to the level and gradient of the road pavement			
443	ΥΔΡ 16.07.01	For the first side opening of the sump	ΥΔΡ 6327x50% ΥΔΡ 6301x50%	pc	76,00
444	ΥΔΡ 16.07.02	For each additional opening	ΥΔΡ 6327x50% ΥΔΡ 6301x50%	pc	28,50
		Cleaning a sump with side opening without a grid (type T)			
445	ΥΔΡ 16.08.01	Cleaning of single opening sump	ΥΔΡ 6120x70% ΥΔΡ 6107x30%	pc	38,00
446	ΥΔΡ 16.08.02	Cleaning of sump – each additional opening	ΥΔΡ 6120x70% ΥΔΡ 6107x30%	pc	19,00
447	ΥΔΡ 16.09	Reconstruction of pipe sections connecting the sump with the rainwater network	ΥΔΡ 6730.4	m	190,00
448	ΥΔΡ 16.10	Cutting off water supply from the hydrant	ΗΛΜ-4	pc	3,40
449	ΥΔΡ 16.11	Installation or replacement of water supply manhole	ΗΛΜ-4	pc	47,50
450	ΥΔΡ 16.12	Repair of water supply manhole	ΗΛΜ-4	pc	28,50
451	ΥΔΡ 16.13	Repair of a leaking water supply connection	ΗΛΜ-4	pc	28,50
		Precast circular manholes for entrance to concrete sewage pipes per ELOT EN 1917, in residential areas			
452	ΥΔΡ 16.14.01	Manhole with interior diameter 1,20 m	ΥΔΡ 6327	pc	1.190,00
453	ΥΔΡ 16.14.02	Manhole with interior diameter 1,50 m	ΥΔΡ 6327	pc	1.520,00

No.	Relevant Design Item	Type of Work	Rev. Item	Unit	Price
454	ΥΔΡ 16.14.03	Manhole with interior diameter 1,80 m	ΥΔΡ 6327	pc	1.900,00
		Configuration of the connection of a new water supply pipe to an existing out of service cast iron or asbestos-cement pipe with a Tee piece			
455	ΥΔΡ 16.15.01	For existing pipe diameter Φ 80 or Φ 100 mm	ΗΛΜ-4	pc	238,00
456	ΥΔΡ 16.15.02	For existing pipe diameter Φ 150 mm	ΗΛΜ-4	pc	285,00
457	ΥΔΡ 16.15.03	For existing pipe diameter Φ 200 mm	ΗΛΜ-4	pc	330,00
458	ΥΔΡ 16.15.04	For existing pipe diameter Φ 250 mm	ΗΛΜ-4	pc	380,00
		Connection of a new water supply pipe to an existing in service pipe (not PE pipe) using stainless steel manson tool and high pressure drilling			
459	ΥΔΡ 16.16.01	For existing pipe diameter Φ 80 or Φ 100 mm	ΥΔΡ 6630.1	pc	271,00
460	ΥΔΡ 16.16.02	For existing pipe diameter Φ 150 mm	ΥΔΡ 6630.1	pc	310,00
461	ΥΔΡ 16.16.03	For existing pipe diameter Φ 200 mm	ΥΔΡ 6630.1	pc	450,00
		Connection of the new water supply pipe to an existing in service steel pipe network using the high pressure drilling method			
462	ΥΔΡ 16.17.01	For existing pipe diameter Φ 80 or Φ 100 mm	ΥΔΡ 6630.1	pc	124,00
463	ΥΔΡ 16.17.02	For existing pipe diameter Φ 150 mm	ΥΔΡ 6630.1	pc	162,00
464	ΥΔΡ 16.17.03	For existing pipe diameter Φ 200 mm	ΥΔΡ 6630.1	pc	190,00
465	ΥΔΡ 16.17.04	For existing pipe diameter Φ 250 mm	ΥΔΡ 6630.1	pc	238,00
		Connection of a new water supply pipe for the extension of an existing pipe made of any material, which has been disconnected from the network, using special pieces			
466	ΥΔΡ 16.18.01	For existing pipe diameter Φ 80 or Φ 100 mm	ΥΔΡ 6611.1 x 30% + ΥΔΡ 6622.1 x 70%	pc	114,00
467	ΥΔΡ 16.18.02	For existing pipe diameter Φ 150 mm	ΥΔΡ 6611.1 x 30% + ΥΔΡ 6622.1 x 70%	pc	133,00
468	ΥΔΡ 16.18.03	For existing pipe diameter Φ 200 mm	ΥΔΡ 6611.1 x 30% + ΥΔΡ 6622.1 x 70%	pc	162,00
469	ΥΔΡ 16.18.04	For existing pipe diameter Φ 250 mm	ΥΔΡ 6611.1 x 30% + ΥΔΡ 6622.1 x 70%	pc	228,00
		Disconnection of the existing water supply pipe from the network			
470	ΥΔΡ 16.20.01	For existing pipe diameter Φ 80 mm	ΥΔΡ 6630.1 x 35% + ΥΔΡ 6611.1 x 65%	pc	47,50
471	ΥΔΡ 16.20.02	For existing pipe diameter Φ 100 mm	ΥΔΡ 6630.1 x 35% + ΥΔΡ 6611.1 x 65%	pc	52,00
472	ΥΔΡ 16.20.03	For existing pipe diameter Φ 150 mm	ΥΔΡ 6630.1 x 35% + ΥΔΡ 6611.1 x 65%	pc	62,00
473	ΥΔΡ 16.20.04	For existing pipe diameter Φ 200 mm	ΥΔΡ 6630.1 x 35% + ΥΔΡ 6611.1 x 65%	pc	76,00
		Installation of multiple distributor Φ63 on existing pipe to install water supplies			
474	ΥΔΡ 16.21.01	For a distance of the water mains access from the closest site of the manhole with the water meters ≤ 4,00 m	ΥΔΡ 6630.1	pc	190,00
475	ΥΔΡ 16.21.02	For a distance of the water mains access from the closest site of the manhole with the water meters > 4,00 m	ΥΔΡ 6630.1	pc	219,00
476	ΥΔΡ 16.22	Lowering or raising an existing water supply with copper pipes	ΥΔΡ 6630.1	pc	23,80
477	ΥΔΡ 16.27	Locating and adjusting the elevation of the valve manhole as to the road pavement	ΟΙΚ-2226	pc	95,00
478	ΥΔΡ 16.28	Cleaning the valve manhole	ΟΙΚ-2226	pc	19,00
		Cleaning type A sump with grid			

No.	Relevant Design Item	Type of Work	Rev. Item	Unit	Price
479	ΥΔΡ 16.30.01	Cleaning of type A sump (with grid and side opening) with a single opening	ΥΔΡ 6120x70% ΥΔΡ 6107x30%	pc	23,80
480	ΥΔΡ 16.30.02	Cleaning of type A sump (with grid and side opening) for each additional opening	ΥΔΡ 6120x70% ΥΔΡ 6107x30%	pc	9,50
481	ΥΔΡ 16.35	Filling the interior of the sump with repair mortar of cement base	ΥΔΡ 6373	kg	12,40
		Cleaning of sewage pipes using declogging machine			
482	ΥΔΡ 16.40.01	Cleaning of sewage pipe DN 200-300 mm	ΥΔΡ 6120	m	5,10
483	ΥΔΡ 16.40.02	Cleaning of sewage pipe DN 315-400 mm	ΥΔΡ 6120	m	6,50
484	ΥΔΡ 16.40.03	Cleaning of sewage pipe DN 450-600 mm	ΥΔΡ 6120	m	7,80
485	ΥΔΡ 16.45	Digital video recording inside sewage pipes	ΥΔΡ 6120	m	6,00
		Point repair of interior pipe walls using fiber glass, not including preparation works			
486	ΥΔΡ 16.50.01	Repair of pipe DN 200-250, along a length of up to 100 cm, with triple layer of fiber glass fiber 1100 gr/cm2, not including preparation works	ΥΔΡ 6370	pc	360,00
487	ΥΔΡ 16.50.02	Repair of pipe DN 200-250, along a length of up to 100 cm, with four layers of fiber glass fiber, not including preparation works	ΥΔΡ 6370	pc	410,00
488	ΥΔΡ 16.50.03	Repair of pipe DN 200-250, along a length of 101 up to 180 cm, with triple layer of fiber glass fiber 1100 gr/cm2, not including preparation works	ΥΔΡ 6370	pc	380,00
489	ΥΔΡ 16.50.04	Repair of pipe DN 200-250, along a length of 101 up to 180 cm, with four layers of fiber glass fiber, not including preparation works	ΥΔΡ 6370	pc	410,00
490	ΥΔΡ 16.50.05	Repair of pipe DN 315-400, along a length of up to 100 cm, with triple layer of fiber glass fiber 1100 gr/cm2, not including preparation works	ΥΔΡ 6370	pc	400,00
491	ΥΔΡ 16.50.06	Repair of pipe DN 315-400, along a length of up to 100 cm, with four layers of fiber glass fiber, not including preparation works	ΥΔΡ 6370	pc	440,00
492	ΥΔΡ 16.50.07	Repair of pipe DN 315-400, along a length of 101 up to 180 cm, with triple layer of fiber glass fiber 1100 gr/cm2, not including preparation works	ΥΔΡ 6370	pc	460,00
493	ΥΔΡ 16.50.08	Repair of pipe DN 315-400, along a length of 101 up to 180 cm, with four layers of fiber glass fiber, not including preparation works	ΥΔΡ 6370	pc	490,00
		Interior pipe walls repair by gluing a fiber glass based fabric, including all preparation works			
494	ΥΔΡ 16.51.01	Repair of pipe DN 200-250, along a length of up to 100 cm, with fiber glass fiber 1100 gr/cm2, including all preparation works	ΥΔΡ 6370	pc	440,00
495	ΥΔΡ 16.51.02	Repair of pipe DN 200-250, along a length of up to 100 cm, with fiber glass fiber of high mechanical strength, including all preparation works	ΥΔΡ 6370	pc	570,00
496	ΥΔΡ 16.51.03	Repair of pipe DN 200-250, along a length of 101 up to 180 cm, with fiber glass fiber 1100 gr/cm2, including all preparation works	ΥΔΡ 6370	pc	560,00
497	ΥΔΡ 16.51.04	Repair of pipe DN 200-250, along a length of 101 up to 180 cm, with fiber glass fiber of high mechanical strength, including all preparation works	ΥΔΡ 6370	pc	720,00
498	ΥΔΡ 16.51.05	Repair of pipe DN 315-400, along a length of up to 100 cm, with fiber glass fiber 1100 gr/cm2, including all preparation works	ΥΔΡ 6370	pc	440,00
499	ΥΔΡ 16.51.06	Repair of pipe DN 315-400, along a length of up to 100 cm, with fiber glass fiber of high mechanical strength, including all preparation works	ΥΔΡ 6370	pc	570,00
500	ΥΔΡ 16.51.07	Repair of pipe DN 315-400, along a length of 101 up to 180 cm, with fiber glass fiber 1100 gr/cm2, including all preparation works	ΥΔΡ 6370	pc	560,00
501	ΥΔΡ 16.51.08	Repair of pipe DN 315-400, along a length of 100 up to 180 cm, with fiber glass fiber of high mechanical strength, including all preparation works	ΥΔΡ 6370	pc	720,00
		Repair of flow connections to the sewage network, via intervention from inside the pipe, without a trench			
502	ΥΔΡ 16.52.01	Repair of side connections up to Φ160 to Φ200-600 ducts, not including preparation works	ΥΔΡ 6370	pc	600,00
503	ΥΔΡ 16.52.02	Repair of side connections up to Φ160 to Φ200-600 ducts, including all preparation works	ΥΔΡ 6370	pc	720,00
		Sewage pipe elastic coupler stainless steel shield		pc	
504	ΥΔΡ 16.53.01	For pipes DN 200-250 mm	ΥΔΡ 6370	pc	115,00

No.	Relevant Design Item	Type of Work	Rev. Item	Unit	Price
505	ΥΔΡ 16.53.02	For pipes DN 315 mm	ΥΔΡ 6370	pc	135,00
506	ΥΔΡ 16.53.03	For pipes DN 400 mm	ΥΔΡ 6370	pc	195,00
GROUP D:	**ELECTROMECHANICAL WORKS**				
		STREET LIGHTING INSTALLATIONS			
		Steel Street Lighting Columns			
507	ΗΛΜ 60.10.01.01	Steel Street Lighting Column 6.00 m high	ΗΛΜ-101	pc	1.000,00
508	ΗΛΜ 60.10.01.02	Steel Street Lighting Column 9.00 m high	ΗΛΜ-101	pc	1.200,00
509	ΗΛΜ 60.10.01.03	Steel Street Lighting Column 10.00 m high	ΗΛΜ-101	pc	1.250,00
510	ΗΛΜ 60.10.01.04	Steel Street Lighting Column 12,00 m	ΗΛΜ-101	pc	1.400,00
511	ΗΛΜ 60.10.01.05	Steel Street Lighting Column 15,00 m	ΗΛΜ-101	pc	1.600,00
		Street lighting cement columns			
512	ΗΛΜ 60.10.02.01	Cement column, 5.00m high, external base diameter 185 mm, weighing 240 kg, on a base of 1.00x1.00m and 1.50m deep	ΗΛΜ-100	pc	900,00
513	ΗΛΜ 60.10.02.02	Cement column, 6.00m high, external base diameter 200 mm, weighing 280 kg, on a base of 1.00x1.00m and 1.50m deep	ΗΛΜ-100	pc	950,00
514	ΗΛΜ 60.10.02.03	Cement column, 7.00m high, external base diameter 215 mm, weighing 320 kg, on a base of 1.00x1.00m and 1.50m deep	ΗΛΜ-100	pc	1.050,00
515	ΗΛΜ 60.10.02.04	Cement column, 9.00m high, external base diameter 245 mm, weighing 485 kg, on a base of 1.00x1.00m and 1.50m deep	ΗΛΜ-100	pc	1.150,00
516	ΗΛΜ 60.10.02.05	Cement column, 10.00m high, external base diameter 260 mm, weighing 600 kg, on a base of 1.00x1.00m and 1.50m deep	ΗΛΜ-100	pc	1.200,00
517	ΗΛΜ 60.10.02.06	Cement column, 11.00m high, external base diameter 275 mm, weighing 750 kg, on a base of 1.50x1.50m and 2.00m deep	ΗΛΜ-100	pc	1.300,00
518	ΗΛΜ 60.10.02.07	Cement column, 12.00m high, external base diameter 290 mm, weighing 850 kg, on a base of 1.50x1.50m and 2.00m deep	ΗΛΜ-100	pc	1.350,00
519	ΗΛΜ 60.10.02.08	Cement column, 13.00m high, external base diameter 305 mm, weighing 1000 kg, on a base of 1.50x1.50m and 2.00m deep	ΗΛΜ-100	pc	1.400,00
520	ΗΛΜ 60.10.02.09	Cement column, 14.00m high, external base diameter 320 mm, weighing 1100 kg, on a base of 1.50x1.50m and 2.00m deep	ΗΛΜ-100	pc	1.450,00
		Arm luminaires for street lighting with NaLP lamps semi cut-off		pc	
521	ΗΛΜ 60.10.10.01	Wattage 180 W	ΗΛΜ-103	pc	400,00
		Arm lighting fixtures for street lighting with NaHP lamps semi cut-off		pc	
522	ΗΛΜ 60.10.20.01	Wattage 70 W	ΗΛΜ-103	pc	250,00
523	ΗΛΜ 60.10.20.02	Wattage 100 W	ΗΛΜ-103	pc	280,00
524	ΗΛΜ 60.10.20.03	Wattage 150 W	ΗΛΜ-103	pc	300,00
525	ΗΛΜ 60.10.20.04	Wattage 250 W	ΗΛΜ-103	pc	320,00
526	ΗΛΜ 60.10.20.05	Wattage 400 W	ΗΛΜ-103	pc	340,00
		Street lighting pillars			
527	ΗΛΜ 60.10.80.01	Four-output street lighting pillar	ΗΛΜ-52	pc	2.500,00
528	ΗΛΜ 60.10.80.02	Eight-output street lighting pillar	ΗΛΜ-52	pc	2.750,00
529	ΗΛΜ 60.10.80.03	Twenty-output street lighting pillar	ΗΛΜ-52	pc	3.250,00
530	ΗΛΜ 60.10.80.04	Twenty five-output street lighting pillar	ΗΛΜ-52	pc	3.500,00
531	ΗΛΜ 60.10.80.05	Thirty-output street lighting pillar	ΗΛΜ-52	pc	3.750,00
		Underground cables pulling and connecting manholes			
532	ΗΛΜ 60.10.85.01	Cable pulling manhole 40x40 cm	ΟΔΟ-2548	pc	60,00
533	ΗΛΜ 60.10.85.02	Cable pulling manhole 60x40 cm	ΟΔΟ-2548	pc	100,00
534	ΗΛΜ 60.10.85.03	Cable connecting manhole 120x80 cm	ΟΔΟ-2548	pc	170,00
		TRAFFIC LIGHTS			
		Installation of local traffic light controller			
535	ΗΛΜ 60.20.10.01	Installation of controller - Medium capacity pack - Up to sixteen (16) traffic light groups provided by the Service	ΗΛΜ-105	pc	750,00
536	ΗΛΜ 60.20.10.02	Installation of controller - Medium capacity pack - Up to thirty two (32) traffic light groups provided by the Service	ΗΛΜ-105	pc	1.200,00
537	ΗΛΜ 60.20.10.03	Supply and installation of controller - Medium capacity pack – Equipped with up to four (4) groups of traffic lights, expandable for use with corresponding structural output units, cabling etc., auxiliary equipment, up to sixteen (16) groups of traffic lights	ΗΛΜ-105	pc	5.500,00
538	ΗΛΜ 60.20.10.04	Supply and installation of controller - Large capacity pack – Equipped with up to eight (8) groups of traffic lights, expandable for use with corresponding structural output units, cabling etc., auxiliary equipment, up to thirty two (32) groups of traffic lights	ΗΛΜ-105	pc	9.000,00

* ΝΑ ΠΡΟΣΤΙΘΕΤΑΙ Η ΔΑΠΑΝΗ ΜΕΤΑΦΟΡΑΣ

No.	Relevant Design Item	Type of Work	Rev. Item	Unit	Price
539	ΗΛΜ 60.20.11	Supply and installation of an output unit for four (4) groups of traffic lights for extending the capacity of the controller	ΗΛΜ-105	pc	800,00
540	ΗΛΜ 60.20.12	Inductive loop vehicle detector unit, capacity: four-channel detection	ΗΛΜ-105	pc	750,00
		LED traffic lights			
541	ΗΛΜ 60.20.20.01	Small height traffic light for vehicles, three (3) luminous fields, diameter 200 mm, colored signals (red-amber-green) or (red-amber-amber)	ΗΛΜ-105	pc	520,00
542	ΗΛΜ 60.20.20.02	Small height traffic light for pedestrians, two (2) luminous fields, Φ 200 mm, colored signals (red-green)	ΗΛΜ-105	pc	390,00
543	ΗΛΜ 60.20.20.03	Small height warning traffic light, two (2) luminous fields, Φ 200 mm, colored signals (amber-amber)	ΗΛΜ-105	pc	270,00
544	ΗΛΜ 60.20.20.04	Mounted traffic light for vehicles, three (3) luminous fields, Φ 300 mm, colored signals (red-amber-green) or (red-amber- amber)	ΗΛΜ-105	pc	750,00
545	ΗΛΜ 60.20.20.05	Mounted warning traffic light, two (2) luminous fields, Φ 300 mm, colored signals (amber-amber)	ΗΛΜ-105	pc	480,00
		Traffic lights cabling			
546	ΗΛΜ 60.20.30.01	Supply, installation and electrical connection of a cable E1VV-R (NYY), stranded, cross-section 21X1.5 mm2	ΗΛΜ-48	m	7,60
547	ΗΛΜ 60.20.30.02	Supply, installation and electrical connection of a cable E1VV-R (NYY), stranded, cross-section 21X1,5 mm^2	ΗΛΜ-48	m	7,30
548	ΗΛΜ 60.20.30.03	Supply, installation and electrical connection of a cable E1VV-R (NYY), stranded, cross-section 5X1,5 mm^2	ΗΛΜ-48	m	5,80
549	ΗΛΜ 60.20.30.04	Supply, installation and electrical connection of a cable E1VV-R (NYY), stranded, cross-section 5X1,5 mm^2	ΗΛΜ-48	m	5,60
550	ΗΛΜ 60.20.30.05	Supply, installation and electrical connection of a cable A-2Y (L)2Y (PET), 2 to 4 pairs, cross-section of each conduit 0.6 mm2mm^2	ΗΛΜ-48	m	4,00
551	ΗΛΜ 60.20.30.06	Supply, installation and electrical connection of a cable A-2Y(L)2Y (PET), 6 to 10 pairs, cross-section of each conduit 0.6 mm2	ΗΛΜ-48	m	5,50
552	ΗΛΜ 60.20.35	Detector loop structure in the asphalt pavement	ΗΛΜ-102	m	30,00
		Infrastructure works for traffic lights			
553	ΗΛΜ 60.20.40.01	Steel, galvanized cable conduits for traffic lights Nominal diameter DN 50 mm (thread: 2''), 3.2 mm thick	ΗΛΜ-5	m	12,50
554	ΗΛΜ 60.20.40.02	Steel, galvanized cable conduits for traffic lights Nominal diameter DN 63 mm, thread: 2½'', 3.6 mm thick	ΗΛΜ-5	m	16,00
555	ΗΛΜ 60.20.40.11	HDPE Conduits for the protection of traffic lights underground cables Diameter DN 63 mm	ΗΛΜ-5	m	6,40
556	ΗΛΜ 60.20.40.12	HDPE Conduits for the protection of traffic lights underground cables Diameter DN DN 90 mm	ΗΛΜ-5	m	7,50
557	ΗΛΜ 60.20.40.21	Supply and installation of copper plate earth electrode	ΗΛΜ-45	pc	120,00
558	ΗΛΜ 60.20.40.31	Traffic lights manhole structure, 0.40 x 0.40 cm	ΟΔΟ-2548	pc	60,00
559	ΗΛΜ 60.20.40.41	Supply and installation of a cross-connection cabinet housing the PPC power consumption meter, type IA	ΗΛΜ-5	pc	415,00
560	ΗΛΜ 60.20.40.51	Supply, installation and connection of a switchboard feeding the traffic lighting structure within a cabinet, type IA	ΗΛΜ-102	pc	100,00
		Traffic light signal columns			
561	ΗΛΜ 60.20.50.01	Installation or dismantling of simple traffic light signal columns	ΗΛΜ-101	pc	60,00
562	ΗΛΜ 60.20.50.02	Installation or dismantling of a traffic light signal column with arm	ΗΛΜ-101	pc	150,00
563	ΗΛΜ 60.20.50.11	Supply of simple traffic light signal column, galvanized	ΗΛΜ-101	pc	250,00
564	ΗΛΜ 60.20.50.12	Supply of traffic light signal columns, galvanized	ΗΛΜ-101	pc	520,00
565	ΗΛΜ 60.20.50.20	Drilling of holes to an installed signaling column	ΗΛΜ-104	pc	15,00
566	ΗΛΜ 60.20.50.30	Construction of traffic light cable routing underneath the road pavement	ΟΙΚ-2269Β	m	30,00
567	ΗΛΜ 60.20.50.40	Construction of traffic light cable routing underneath the sidewalk	ΟΙΚ-2269Α	m	50,00
		Traffic signaling accessories			
568	ΗΛΜ 60.20.75.01	Supply and installation of a button for pedestrians	ΗΛΜ-104	pc	170,00
		Movable worksite signaling rigs			
569	ΗΛΜ 60.20.90.01	Towed signaling rig for worksites of roadworks, dimensions 2.55 x 1.70 m	ΗΛΜ-108	pc	5.000,00
570	ΗΛΜ 60.20.90.02	Towed signaling rig for worksites of roadworks, dimensions 3.70 x 2.20 m	ΗΛΜ-108	pc	8.000,00
571	ΗΛΜ 60.20.90.10	Movable traffic signaling unit	ΗΛΜ-108	pc	3.500,00

No.	Relevant Design Item	Type of Work	Rev. Item	Unit	Price
		MAINTENANCE OF LIGHTING INSTALLATIONS			
		Removal of steel lighting poles			
572	ΗΛΜ 62.10.01.01	Removal and transportation of a pole, up to 14.00m high	ΗΛΜ 101	pc	70,00
573	ΗΛΜ 62.10.01.02	Removal and transportation of a pole, from 14.01 m up to 20.00 m high	ΗΛΜ 101	pc	90,00
		De-installation and removal of concrete lighting poles		pc	
574	ΗΛΜ 62.10.02.01	Removal and transportation of a pole up to 12.00 m high	ΗΛΜ 100	pc	75,00
575	ΗΛΜ 62.10.02.02	Removal and transportation of a pole from 14 m to 20 m high	ΗΛΜ 100	pc	95,00
		Removal of lighting fixtures		pc	
576	ΗΛΜ 62.10.03.01	Removal of a lighting fixture from the arm or the top of an installed pole	ΗΛΜ 5	pc	27,50
		Removal of arms		pc	
577	ΗΛΜ 62.10.04.01	Removal of the arm from an installed pole with or without lighting fixtures	ΗΛΜ 5	pc	20,00
578	ΗΛΜ 62.10.04.02	Removal of the arm from a pole laying on the ground with or without lighting fixtures	ΗΛΜ 5	pc	10,00
		Cleaning of Na vapor lighting fixtures			
579	ΗΛΜ 62.10.10.01	Cleaning of lighting fixtures installed at a height of up to 8.0m from the work floor	ΗΛΜ 103	pc	20,00
580	ΗΛΜ 62.10.10.02	Cleaning of lighting fixtures installed at a height above 8.0m from the work floor	ΗΛΜ 103	pc	25,00
		Re-painting the lighting steel poles on site the Project		pc	
581	ΗΛΜ 62.10.15.01	Re-painting of a pole up to 12 m high, installed	ΟΙΚ 7791	pc	95,00
582	ΗΛΜ 62.10.15.02	Re-painting of a pole from 14 m to 20 m high, installed	ΟΙΚ 7791	pc	120,00
583	ΗΛΜ 62.10.15.11	Re-painting of a pole up to 12 m high, laying on the ground and returning it to the upright position	ΟΙΚ 7791	pc	115,00
584	ΗΛΜ 62.10.15.12	Re-painting of a pole from 14m up to 20m high, laying on the ground and returning it to the upright position	ΟΙΚ 7791	pc	140,00
		Replacement of high pressure Na vapour bulbs		pc	
585	ΗΛΜ 62.10.26.01	Wattage 70W	ΗΛΜ 103	pc	19,50
586	ΗΛΜ 62.10.26.02	Wattage 150W	ΗΛΜ 103	pc	26,50
587	ΗΛΜ 62.10.26.03	Wattage 250W	ΗΛΜ 103	pc	30,50
588	ΗΛΜ 62.10.26.04	Wattage 400W	ΗΛΜ 103	pc	36,50
		Asymmetrical beam street floodlights for high pressure Na vapour bulbs			
589	ΗΛΜ 62.10.30.01	Wattage 250W / 400 W	ΗΛΜ 103	pc	350,00
		Replacement of instruments on lighting pillar			
590	ΗΛΜ 62.10.35.01	Replacement of fuse links at a lighting pillar	ΗΛΜ 54	pc	4,00
591	ΗΛΜ 62.10.35.02	Fuse replacement in a terminal box on a lighting pillar	ΗΛΜ 101	pc	5,00
592	ΗΛΜ 62.10.35.03	Replacement of rail-mounted load breakers	ΗΛΜ 55	pc	25,00
593	ΗΛΜ 62.10.35.04	Replacement of rail-mounted automatic fuses	ΗΛΜ 55	pc	20,00
594	ΗΛΜ 62.10.35.05	Replacement of rail type indication bulb	ΗΛΜ 55	pc	4,00
595	ΗΛΜ 62.10.35.06	Replacement of cable gland	ΗΛΜ 104	pc	2,40
596	ΗΛΜ 62.10.35.07	Replacement of rail on electrical switchboard	ΗΛΜ 52	m	10,00
597	ΗΛΜ 62.10.35.08	Replacement of load relays	ΗΛΜ 55	pc	50,00
598	ΗΛΜ 62.10.35.09	Replacement of light sensor	ΗΛΜ 55	pc	40,00
599	ΗΛΜ 62.10.36	Re-painting of lighting pillars	ΟΙΚ 7791	pc	110,00
600	ΗΛΜ 62.10.37	Repair of the pillar's main body and hatch and/or hatch replacement	ΗΛΜ 52	pc	60,00
		Type H05VV-U, -R (NYM) cables, nominal voltage 300/500V with PVC insulating sheath			
601	ΗΛΜ 62.10.40.01	cross section 3 x 1,5 mm²	ΗΛΜ 46	m	2,30
602	ΗΛΜ 62.10.40.02	cross section 3 x 2,5 mm²	ΗΛΜ 46	m	4,10
603	ΗΛΜ 62.10.40.03	cross section 4 x 1,5 mm²	ΗΛΜ 46	m	2,80
		Type E1VV-U, -R, -S (NYY) cables, nominal voltage 600/1000 V, with PVC insulating sheath			
604	ΗΛΜ 62.10.41.01	cross section 3 x 1,5 mm²	ΗΛΜ 102	m	2,90
605	ΗΛΜ 62.10.41.02	cross section 3 x 2,5 mm²	ΗΛΜ 102	m	4,60
606	ΗΛΜ 62.10.41.03	cross section 4 x 1,5 mm²	ΗΛΜ 102	m	3,50
607	ΗΛΜ 62.10.41.04	cross section 4 x 10 mm²	ΗΛΜ 102	m	12,50
		Bare multi-core copper conductors			
608	ΗΛΜ 62.10.48.01	cross section 6 mm²	ΗΛΜ 45	m	3,10
609	ΗΛΜ 62.10.48.02	cross section 10 mm²	ΗΛΜ 45	m	3,40
610	ΗΛΜ 62.10.48.03	cross section 25 mm²	ΗΛΜ 45	m	5,70
		TRAFFIC SIGNALLING MAINTENANCE			

No.	Relevant Design Item	Type of Work	Rev. Item	Unit	Price
611	ΗΛΜ 62.20.10	Replacement of outer case of cross connection type IA cabinet	ΗΛΜ 5	pc	300,00
612	ΗΛΜ 62.20.20	Repair of a bended simple lighting pole	ΟΙΚ 2122	pc	50,00
613	ΗΛΜ 62.20.30	Supply and installation of type E ή J1VV-R or U 21x1,5 mm2 cable connector	ΗΛΜ 102	pc	90,00
614	ΗΛΜ 62.20.40	Supply and installation of remote control cable connector	ΗΛΜ 102	pc	70,00
615	ΗΛΜ 62.20.50	Supply and installation or replacement of the base of the signaling controller	ΗΛΜ 101	pc	165,00

ATTIKO METPO A.E.

ARCHAEOLOGICAL WORKS AND PUO NETWORK DIVERSIONS ON SECTION A' "ALSOS VEIKOU-GOUDI" OF LINE 4

ETEP - PETEP ITEMS MATCHING SCHEDULE

No.	Item	Work type	Valid ETEP No. (Black) ~~Καταργημένες (Γκρι)~~	Title of PETEP (underlined) or ETEP, if PETEP not available	PETEP No. (underlined) CIRCULAR 17
GROUP A:		**EARTHWORKS, WORKS FOR ADDRESSING WATER, RETAINING WORKS, GREEN RELATED WORKS, ROAD – PAVING WORKS, ASPHALT WORKS, SIGNAGE – SAFETY**			
		LOADING / UNLOADING			
1	ΥΔΡ 2.01	Loading / unloading of excavation materials from earthy or semi-rock soil and sand-gravels	ETEP-02-05-00-00	Management of excavation materials and exploitation of dumping sites	
2	ΥΔΡ 2.02	Loading / Unloading of rocky materials or of dismantled reinforced or non-reinforced concrete			
		EXCAVATIONS			
		Trench excavations for utility networks in earthy or semi-rocky soil			
3	ΥΔΡ 3.10.01.01	Bottom width up to 3.00 m, side disposal of the excavation spoils. For trench depth up to 4.00 m	ETEP 08-01-03-01	Trench excavations for utility networks	
4	ΥΔΡ 3.10.01.02	Bottom width up to 3.00 m, side disposal of the excavation spoils. For trench depth from 4.01 up to 6.00 m	ETEP 08-01-03-01	Trench excavations for utility networks	
5	ΥΔΡ 3.10.01.03	Bottom width up to 3.00 m, side disposal of the excavation spoils. For trench depth from 6.01 up to 8.00 m	ETEP 08-01-03-01	Trench excavations for utility networks	
6	ΥΔΡ 3.10.01.04	Bottom width up to 3.00 m, side disposal of the excavation spoils. For trench depth from 8.01 up to 10.00 m	ETEP 08-01-03-01	Trench excavations for utility networks	
7	ΥΔΡ 3.10.02.01	Bottom width up to 3.00 m, loading the excavation spoil to a vehicle, vehicle's idleness and transportation at any distance For trench depth up to 4.00 m	ETEP 08-01-03-01	Trench excavations for utility networks	
8	ΥΔΡ 3.10.02.02	Bottom width up to 3.00 m, loading the excavation spoil to a vehicle, vehicle's idleness and transportation at any distance For trench depth from 4.01 up to 6.00 m	ETEP 08-01-03-01	Trench excavations for utility networks	
9	ΥΔΡ 3.10.02.03	Bottom width up to 3.00 m, loading the excavation spoil to a vehicle, vehicle's idleness and transportation at any distance For trench depth from 6.01 up to 8.00 m	ETEP 08-01-03-01	Trench excavations for utility networks	
10	ΥΔΡ 3.10.02.04	Bottom width up to 3.00 m, loading the excavation spoil to a vehicle, vehicle's idleness and transportation at any distance For trench depth from 8.01 up to 10.00 m	ETEP 08-01-03-01	Trench excavations for utility networks	

No.	Item	Work type	Valid ETEP No. (Black) ~~Καταργημένες (Γκρι)~~	Title of PETEP (underlined) or ETEP, if PETEP not available	PETEP No. (underlined) CIRCULAR 17
11	ΥΔΡ 3.10.03.01	Bottom width from 3.01 up to 5.00 m, side disposal of the excavation spoil For trench depth up to 4.00 m	ETEP 08-01-03-01	Trench excavations for utility networks	
12	ΥΔΡ 3.10.03.02	Bottom width from 3.01 up to 5.00 m, side disposal of the excavation spoil For trench depth from 4.01 up to 6.00 m	ETEP 08-01-03-01	Trench excavations for utility networks	
13	ΥΔΡ 3.10.03.03	Bottom width from 3.01 up to 5.00 m, side disposal of the excavation spoil For trench depth from 6.01 up to 8.00 m	ETEP 08-01-03-01	Trench excavations for utility networks	
14	ΥΔΡ 3.10.03.04	Bottom width from 3.01 up to 5.00 m, side disposal of the excavation spoil For trench depth from 8.01 up to 10.00 m	ETEP 08-01-03-01	Trench excavations for utility networks	
15	ΥΔΡ 3.10.04.01	Bottom width from 3.01 up to 5.00 m, loading the excavation spoil to a vehicle, vehicle's idleness and transportation at any distance For trench depth up to 4.00 m	ETEP 08-01-03-01	Trench excavations for utility networks	
16	ΥΔΡ 3.10.04.02	Bottom width from 3.01 up to 5.00 m, loading the excavation spoil to a vehicle, vehicle's idleness and transportation at any distance For trench depth from 4.01 up to 6.00 m	ETEP 08-01-03-01	Trench excavations for utility networks	
17	ΥΔΡ 3.10.04.03	Bottom width from 3.01 up to 5.00 m, loading the excavation spoil to a vehicle, vehicle's idleness and transportation at any distance For trench depth from 6.01 up to 8.00 m	ETEP 08-01-03-01	Trench excavations for utility networks	
18	ΥΔΡ 3.10.04.04	Bottom width from 3.01 up to 5.00 m, loading the excavation spoil to a vehicle, vehicle's idleness and transportation at any distance For trench depth from 8.01 up to 10.00 m	ETEP 08-01-03-01	Trench excavations for utility networks	
19	ΥΔΡ 3.10.05.01	Bottom width over 5.00 m, side disposal of the excavation spoil For trench depth up to 4.00 m	ETEP 08-01-03-01	Trench excavations for utility networks	
20	ΥΔΡ 3.10.05.02	Bottom width over 5.00 m, side disposal of the excavation spoil For trench depth from 4.01 up to 6.00 m	ETEP 08-01-03-01	Trench excavations for utility networks	
21	ΥΔΡ 3.10.05.03	Bottom width over 5.00 m, side disposal of the excavation spoil For trench depth from 6.01 up to 8.00 m	ETEP 08-01-03-01	Trench excavations for utility networks	
22	ΥΔΡ 3.10.05.04	Bottom width over 5.00 m, side disposal of the excavation spoil For trench depth from 8.01 up to 10.00 m	ETEP 08-01-03-01	Trench excavations for utility networks	
23	ΥΔΡ 3.10.06.01	Bottom width over 5.00 m, loading the excavation spoil to a vehicle, vehicle's idleness and transportation at any distance For trench depth up to 4.00 m	ETEP 08-01-03-01	Trench excavations for utility networks	

No.	Item	Work type	Valid ETEP No. (Black) ~~Καταργημένες (Γκρι)~~	Title of PETEP (underlined) or ETEP, if PETEP not available	PETEP No. (underlined) CIRCULAR 17
24	ΥΔΡ 3.10.06.02	Bottom width over 5.00 m, loading the excavation spoil to a vehicle, vehicle's idleness and transportation at any distance For trench depth from 4.01 up to 6.00 m	ETEP 08-01-03-01	Trench excavations for utility networks	
25	ΥΔΡ 3.10.06.03	Bottom width over 5.00 m, loading the excavation spoil to a vehicle, vehicle's idleness and transportation at any distance For trench depth from 6.01 up to 8.00 m	ETEP 08-01-03-01	Trench excavations for utility networks	
26	ΥΔΡ 3.10.06.04	Bottom width over 5.00 m, loading the excavation spoil to a vehicle, vehicle's idleness and transportation at any distance For trench depth from 8.01 up to 10.00 m	ETEP 08-01-03-01	Trench excavations for utility networks	
		Trench excavations for utility networks in rocky soil			
27	ΥΔΡ 3.11.01.01	Bottom width up to 3.00 m, side disposal of the excavation spoil For trench depth up to 4.00 m	ETEP 08-01-03-01	Trench excavations for utility networks	
28	ΥΔΡ 3.11.01.02	Bottom width up to 3.00 m, side disposal of the excavation spoil For trench depth from 4.01 up to 6.00 m	ETEP 08-01-03-01	Trench excavations for utility networks	
29	ΥΔΡ 3.11.01.03	Bottom width up to 3.00 m, side disposal of the excavation spoil For trench depth from 6.01 έως 8.00 m	ETEP 08-01-03-01	Trench excavations for utility networks	
30	ΥΔΡ 3.11.01.04	Bottom width up to 3.00 m, side disposal of the excavation spoil For trench depth from 8.01 έως 10.00 m	ETEP 08-01-03-01	Trench excavations for utility networks	
31	ΥΔΡ 3.11.02.01	Bottom width up to 3.00 m, loading the excavation spoil to a vehicle, vehicle's idleness and transportation at any distance For trench depth up to 4.00 m	ETEP 08-01-03-01	Trench excavations for utility networks	
32	ΥΔΡ 3.11.02.02	Bottom width up to 3.00 m, loading the excavation spoil to a vehicle, vehicle's idleness and transportation at any distance For trench depth from 4.01 up to 6.00 m	ETEP 08-01-03-01	Trench excavations for utility networks	
33	ΥΔΡ 3.11.02.03	Bottom width up to 3.00 m, loading the excavation spoil to a vehicle, vehicle's idleness and transportation at any distance For trench depth from 6.01 up to 8.00 m	ETEP 08-01-03-01	Trench excavations for utility networks	
34	ΥΔΡ 3.11.02.04	Bottom width up to 3.00 m, loading the excavation spoil to a vehicle, vehicle's idleness and transportation at any distance For trench depth from 8.01 up to 10.00 m	ΕΤΕΠ 08-01-03-01	Trench excavations for utility networks	

No.	Item	Work type	Valid ETEP No. (Black) ~~Καταργημένες (Γκρι)~~	Title of PETEP (underlined) or ETEP, if PETEP not available	PETEP No. (underlined) CIRCULAR 17
35	ΥΔΡ 3.11.03.01	Bottom width from 3.01 up to 5.00 m, side disposal of the excavation spoil For trench depth up to 4.00 m	ETEP 08-01-03-01	Trench excavations for utility networks	
36	ΥΔΡ 3.11.03.02	Bottom width from 3.01 up to 5.00 m, side disposal of the excavation spoil For trench depth from 4.01 up to 6.00 m	ETEP 08-01-03-01	Trench excavations for utility networks	
37	ΥΔΡ 3.11.03.03	Bottom width from 3.01 up to 5.00 m, side disposal of the excavation spoil For trench depth from 6.01 up to 8.00 m	ETEP 08-01-03-01	Trench excavations for utility networks	
38	ΥΔΡ 3.11.03.04	Bottom width from 3.01 up to 5.00 m, side disposal of the excavation spoil For trench depth from 8.01 up to 10.00 m	ETEP 08-01-03-01	Trench excavations for utility networks	
39	ΥΔΡ 3.11.04.01	Bottom width from 3.01 up to 5.00 m, loading the excavation spoil to a vehicle, vehicle's idleness and transportation at any distance For trench depth up to 4.00 m	ETEP 08-01-03-01	Trench excavations for utility networks	
40	ΥΔΡ 3.11.04.02	Bottom width from 3.01 up to 5.00 m, loading the excavation spoil to a vehicle, vehicle's idleness and transportation at any distance For trench depth from 4.01 up to 6.00 m	ETEP 08-01-03-01	Trench excavations for utility networks	
41	ΥΔΡ 3.11.04.03	Bottom width from 3.01 up to 5.00 m, loading the excavation spoil to a vehicle, vehicle's idleness and transportation at any distance For trench depth from 6.01 up to 8.00 m	ETEP 08-01-03-01	Trench excavations for utility networks	
42	ΥΔΡ 3.11.04.04	Bottom width from 3.01 up to 5.00 m, loading the excavation spoil to a vehicle, vehicle's idleness and transportation at any distance For trench depth from 8.01 up to 10.00 m	ETEP 08-01-03-01	Trench excavations for utility networks	
43	ΥΔΡ 3.11.05.01	Bottom width over 5.00 m, side disposal of excavation spoil For trench depth up to 4.00 m	ETEP 08-01-03-01	Trench excavations for utility networks	
44	ΥΔΡ 3.11.05.02	Bottom width over 5.00 m, side disposal of excavation spoil For trench depth from 4.01 up to 6.00 m	ETEP 08-01-03-01	Trench excavations for utility networks	
45	ΥΔΡ 3.11.05.03	Bottom width over 5.00 m, side disposal of excavation spoil For trench depth from 6.01 up to 8.00 m	ETEP 08-01-03-01	Trench excavations for utility networks	
46	ΥΔΡ 3.11.05.04	Bottom width over 5.00 m, side disposal of excavation spoil For trench depth from 8.01 up to 10.00 m	ETEP 08-01-03-01	Trench excavations for utility networks	
47	ΥΔΡ 3.11.06.01	Bottom width over 5.00 m, loading the excavation spoil to a vehicle, vehicle's idleness and transportation at any distance For trench depth up to 4.00 m	ETEP 08-01-03-01	Trench excavations for utility networks	

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48	ΥΔΡ 3.11.06.02	Bottom width over 5.00 m, loading the excavation spoil to a vehicle, vehicle's idleness and transportation at any distance For trench depth from 4.01 up to 6.00 m	ETEP 08-01-03-01	Trench excavations for utility networks	
49	ΥΔΡ 3.11.06.03	Bottom width over 5.00 m, loading the excavation spoil to a vehicle, vehicle's idleness and transportation at any distance For trench depth from 6.01 up to 8.00 m	ETEP 08-01-03-01	Trench excavations for utility networks	
50	ΥΔΡ 3.11.06.04	Bottom width over 5.00 m, loading the excavation spoil to a vehicle, vehicle's idleness and transportation at any distance For trench depth from 8.01 up to 10.00m	ETEP 08-01-03-01	Trench excavations for utility networks	
51	ΥΔΡ 3.12	Increase in the prices pertaining to trench excavations for utility networks in order to address additional difficulties due to PUO networks passing alongside the trench	ETEP 08-01-03-01	Trench excavations for utility networks	
52	ΥΔΡ 3.13	Increase in the prices pertaining to trench excavations for utility networks in any type of soil for the execution of works under space constraints	ETEP 08-01-03-01	Trench excavations for utility networks	
		Application of vibroflotation techniques for trenchless network passage			
53	ΥΔΡ 3.14.01	Boring of an Φ 200 mm hole	ETEP 08-01-04-01	Trenchless utilities installation with soil displacement methods	
54	ΥΔΡ 3.14.02	Boring of an Φ 250 mm hole	ETEP 08-01-04-01	Trenchless utilities installation with soil displacement methods	
55	ΥΔΡ 3.14.03	Boring of an Φ 400 mm hole	ETEP 08-01-04-01	Trenchless utilities installation with soil displacement methods	
56	ΥΔΡ 3.16	Excavation spoil laying	ETEP 02-05-00-00	Management of excavation materials and exploitation of dumping sites	
57	ΥΔΡ 3.17	Excavation of foundations for technical structures in earthy, semi-rocky soil	ETEP02-04-00-00	Excavations for foundation works	
58	ΥΔΡ 3.18.01	Excavation of foundations for technical structures in rocky soil Without the use of explosives (only percussion machine)	ETEP 02-04-00-00	Excavations for foundation works	
59	ΟΙΚ 20.07	Individual excavations (monoblock concrete walls)	ETEP 02-04-00-00	Excavations for foundation works	
		DEMOLITIONS - DISMANTLING – RELOCATIONS			
60	ΟΔΟ Α-5.1	Dismantling of structures with reinforced concrete bearing elements (up to 4.0m high)	ETEP 02-01-01-00	Works zone grubbing and clearing	
61	ΟΔΟ Α-6	Dismantling of brick-made structures etc.	ETEP 02-01-01-00	Works zone grubbing and clearing	
62	ΟΔΟ Α-7	Dismantling of structures made of steel	ETEP 02-01-01-00	Works zone grubbing and clearing	
63	ΟΔΟ Α-8	Dismantling of metal sheet structures with wooden frame	ETEP 02-01-01-00	Works zone grubbing and clearing	
64	ΟΔΟ Α-9	Dismantling of compact fencing			

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65	ΟΔΟ Α-10	Dismantling of chain link fencing			
66	ΟΔΟ Α-12	Dismantling of reinforced concrete	ETEP 15-02-01-01	Demolition of members of concrete structures by mechanical means	
		Dismantling of individual members or sections of structures made of reinforced concrete			
67	ΥΔΡ 4.01.01	Ordinary precision, use of air-compressors and other conventional means (hydraulic hammer, compressed – air tools, electrical tools, etc.)	ETEP 15-02-01-01	Demolition of members of concrete structures by mechanical means	
68	ΥΔΡ 4.01.02	Particular precision requirements, use of special equipment of undisturbed cut of concrete (wire cutters, disc cutters, thermal lance cutting, water jet cutting)	ETEP 15-02-01-01	Demolition of members of concrete structures by mechanical means	
69	ΥΔΡ 4.04	Dismantling of sidewalks' slab paving			
70	ΥΔΡ 4.05	Dismantling of curbs, pre-cast or not			
71	ΥΔΡ 4.13	Dismantling of structures made of non-reinforced concrete			
72	ΥΔΡ 4.14	Dismantling of stonewall or brickwall			
73	ΟΙΚ 22.65.02	Dismantling of metallic balustrades			
74	ΟΙΚ N.22.56.1	Careful dismantling of OASA and/or ILPAP stops whose relocation is imposed due to the Project needs, including the respective ticket selling facilities and their appurtenances, and their re-positioning at new locations			
75	ΟΙΚ N.22.56.2	Dismantling with due attention of kiosks, whose relocation is imposed due to the Project needs, including the kiosks ancillary structures / facilities and their re-positioning at new locations			
76	ΟΙΚ N.22.56.3	Dismantling, transportation, temporary storage and safe-keeping within the worksite area of cast-iron gratings intended to protect holes for trees, until their re-positioning and delivery to AM			
		WORKS FOR ADDRESSING WATER			
		Operation of worksite pumping stations			
		Diesel or gas-driven pumping stations			
77	ΥΔΡ 6.01.01.01	Power up to 1,0 HP	ETEP 08-10-01-00 ETEP 08-10-02-00	Work-site water pumping Wastewater and sludge pumping	
78	ΥΔΡ 6.01.01.02	Power 1,0 to 2,0 HP	ETEP 08-10-01-00 ETEP 08-10-02-00	Work-site water pumping Wastewater and sludge pumping	
79	ΥΔΡ 6.01.01.03	Power 2,0 to 5,0 HP	ETEP 08-10-01-00 ETEP 08-10-02-00	Work-site water pumping Wastewater and sludge pumping	
80	ΥΔΡ 6.01.01.04	Power 5,0 to 10,0 HP	ETEP 08-10-01-00 ETEP 08-10-02-00	Work-site water pumping Wastewater and sludge pumping	
81	ΥΔΡ 6.01.01.05	Power 10,0 to 20,0 HP	ETEP 08-10-01-00 ETEP 08-10-02-00	Work-site water pumping Wastewater and sludge pumping	
		Pumping stations, motorized			

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82	ΥΔΡ 6.01.02.01	Power up to 1,0 KW(HP)	ETEP 08-10-01-00 ETEP 08-10-02-00	Work-site water pumping Wastewater and sludge pumping	
83	ΥΔΡ 6.01.02.02	Power 1,0 to 2,5 KW(HP)	ETEP 08-10-01-00 ETEP 08-10-02-00	Work-site water pumping Wastewater and sludge pumping	
84	ΥΔΡ 6.01.02.03	Power 3,0 to 5,0 KW(HP)	ETEP 08-10-01-00 ETEP 08-10-02-00	Work-site water pumping Wastewater and sludge pumping	
85	ΥΔΡ 6.01.02.04	Power 5,0 to 7,5 KW(HP)	ETEP 08-10-01-00 ETEP 08-10-02-00	Work-site water pumping Wastewater and sludge pumping	
86	ΥΔΡ 6.01.02.05	Power 8,0 to 10,0 KW(HP)	ETEP 08-10-01-00 ETEP 08-10-02-00	Work-site water pumping Wastewater and sludge pumping	
		Lowering groundwater level using the well points system, per day of system operation			
		Operation of the pumping station based on the number of well points			
87	ΥΔΡ 6.02.01.01	pumping station with 4 well points	ETEP 08-10-03-00	Dewatering with well points	
88	ΥΔΡ 6.02.01.02	pumping station with 8 well points	ETEP 08-10-03-00	Dewatering with well points	
		Operation of the pumping station based on the installed power			
89	ΥΔΡ 6.02.02.01	20 kW pumping station	ETEP 08-10-03-00	Dewatering with well points	
90	ΥΔΡ 6.02.02.02	50 kW pumping station	ETEP 08-10-03-00	Dewatering with well points	
		ANCHORING			
91	ΟΔΟ Β-21.1	Permanent pre-stressed rock anchoring of the slopes of open excavations, operation load 400-500 kN and length □ 20 m	ETEP 11-02-04-00	Prestressed anchors	
		Fully grouted bolts in open excavation slopes			
92	ΟΔΟ Β-23.1	Bearing capacity 200kN using Φ25 B500C bars	ETEP 12-03-03-04	Tunnel support with simple fully grouted bolts (SN dowels)	
93	ΟΔΟ Β-23.2	Bearing capacity 300kN using Φ28 B500C bars	ETEP 12-03-03-04	Tunnel support with simple fully grouted bolts (SN dowels)	
94	ΟΔΟ Β-23.3	Bearing capacity 440kN using Φ32 B500C bars	ETEP 12-03-03-04	Tunnel support with simple fully grouted bolts (SN dowels)	
		STRUTS			
95	ΟΙΚ 61.05	Bearing elements made of iron beams or girder beams up to 160 mm			
96	ΟΙΚ 61.06	Bearing elements made of iron beams or girder beams >160 mm			
		PILING			
		Drilling and casting in-situ bored piles			
97	ΟΔΟ Β-26.1	Bored pile diameter Φ 0.60 m	ETEP 11-01-01-00	Bored, in-situ cast concrete piles and pile cap beams	
98	ΟΔΟ Β-26.2	Bored pile diameter Φ 0.80 m	ETEP 11-01-01-00	Bored, in-situ cast concrete piles and pile cap beams	
99	ΟΔΟ Β-26.3	Bored pile diameter Φ1.00 m	ETEP 11-01-01-00	Bored, in-situ cast concrete piles and pile cap beams	
100	ΟΔΟ Β-27	Pile metal jacket	ETEP 11-01-01-00	Bored, in-situ cast concrete piles and pile cap beams	
101	ΟΔΟ Β-28	Sealing of pile wall using HDPE membrane	-		
		OTHER RETAINING WORKS			

No.	Item	Work type	Valid ETEP No. (Black) ~~Καταργημένες (Γκρι)~~	Title of PETEP (underlined) or ETEP, if PETEP not available	PETEP No. (underlined) CIRCULAR 17
102	ΥΔΡ 7.01	Timber Shoring System			
103	ΥΔΡ 7.02	Supply of steel sheet-piling	ETEP 11-02-02-00	Retaining structures with steel-sheet piles	
104	ΥΔΡ 7.03	Use of steel sheet piles	ETEP 11-02-02-00	Retaining structures with steel-sheet piles	
105	ΥΔΡ 7.04	Steel sheet pile drive	ETEP 11-02-02-00	Retaining structures with steel-sheet piles	
106	ΥΔΡ 7.05	Steel sheet pile extraction	ETEP 11-02-02-00	Retaining structures with steel-sheet piles	
107	ΥΔΡ 7.06	Retaining of trench slopes with steel sheets			
108	ΥΔΡ 7.07	Application of Berlin method for excavations with vertical slopes			
		EMBANKMENTS – EMBEDMENTS – IMPROVEMENTS – FILLING OF ISLANDS			
109	ΟΔΟ Β-4.1	Embankments made of granular material under sidewalks	~~ETEP 02-07-01-00~~	Construction of embankments with suitable excavation or borrow materials	PETEP 02-07-01-00
110	ΟΔΟ Β-4.2	Transition embankment for technical works and sewage pipe zone embankments	~~ETEP 02-07-03-00~~	Transition embankments	PETEP 02-07-03-00
111	ΥΔΡ 5.03	Trench backfilling with excavation spoil without special compaction requirements			
112	ΥΔΡ 5.04	Underground utilities trench backfilling with excavation spoil requiring special compaction	~~ETEP 08-01-03-02~~	Underground utilities trench backfilling	PETEP 08-01-03-02
		Underground utilities trench backfilling with graded crashed quarry sand-gravel			
113	ΥΔΡ 5.05.01	Overall backfilling thickness up to 50 cm	~~ETEP 08-01-03-02~~	Underground utilities trench backfilling	PETEP 08-01-03-02
114	ΥΔΡ 5.05.02	Overall backfilling thickness over 50 cm	~~ETEP 08-01-03-02~~	Underground utilities trench backfilling	PETEP 08-01-03-02
115	ΥΔΡ 5.07	Foundation layers and pipes embedment using quarry sand	~~ETEP 08-01-03-02~~	Underground utilities trench backfilling	PETEP 08-01-03-02
116	ΥΔΡ 5.08	Foundation layers and pipes embedment using mind or torrent sand	~~ETEP 08-01-03-02~~	Underground utilities trench backfilling	PETEP 08-01-03-02
		Improvement layers using sandy-gravel material			
117	ΥΔΡ 5.09.01	Improvement layers using natural sand gravels			
118	ΥΔΡ 5.09.02	Improvement layers using crashed quarry materials			
119	ΥΔΡ 5.10	Underdrain filters with graded aggregates	ETEP 08-03-02-00	Underdrain filters with graded aggregates	
120	ΟΔΟ Α-23	Construction of sand - coarse layers of a variable thickness			
121	ΟΔΟ Α-25	Filling of road islands with horticultural soil	ETEP 02-07-05-00	Lining of road embarkment slopes and filling of road islands with horticultural soil	
		LAND (SCRUB) CLEARING - CUTTING DOWN AND GRUBBING OF TREES - RE-PLANTING OF TREES			
		Land (Scrub) Clearing			
122	ΟΙΚ 20.01.01	with sapling - trunk circumference up to 0.25 m	ETEP 02-01-01-00	Works zone grubbing and clearing	
123	ΟΙΚ 20.01.02	with sapling - trunk circumference from 0.26 to 0.40 m	ETEP 02-01-01-00	Works zone grubbing and clearing	
		Cutting down – grubbing of trees			
124	ΠΡΣ Ζ2.2	Grubbing of big trees - trunk circumference from 0.41 to 0.60 m	ETEP 10-07-01-00	Cutting of trees and shrubs and stump removal	
125	ΠΡΣ Ζ2.3	Grubbing of big trees - trunk circumference from 0.61 to 0.90 m	ETEP 10-07-01-00	Cutting of trees and shrubs and stump removal	
126	ΠΡΣ Ζ2.4	Grubbing of big trees - trunk circumference from 0.91 to 1.20 m	ETEP 10-07-01-00	Cutting of trees and shrubs and stump removal	
127	ΠΡΣ Ζ2.5	Grubbing of big trees - trunk circumference from 1.21 to 1.50 m	ETEP 10-07-01-00	Cutting of trees and shrubs and stump removal	

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128	ΠΡΣ Ζ2.6	Grubbing of big trees - trunk circumference over 1.51 m	ETEP 10-07-01-00	Cutting of trees and shrubs and stump removal	
129	ΠΡΣ Ζ2.7	Cutting down – grubbing of non-native tree species (ailanthus etc.) trunk height up to 3.0 m	ETEP 10-07-01-00	Cutting of trees and shrubs and stump removal	
130	ΠΡΣ Ζ2.8	Cutting down – grubbing of non-native tree species (ailanthus etc.) trunk height > 3,0 m	ETEP 10-07-01-00	Cutting of trees and shrubs and stump removal	
		Re-planting of trees			
131	ΠΡΣ Ε10.1	Re-planting of plants with earth bale – volume 45 - 150 lt	ETEP 10-05-08-00	Transplanting of existing trees and shrubs	
132	ΠΡΣ Ε10.2	Re-planting of plants with earth bale – volume 151 - 300 lt	ETEP 10-05-08-00	Transplanting of existing trees and shrubs	
		ROAD PAVING			
133	ΟΔΟ Γ-1.1	Road Pavement Sub-base with variable thickness	~~ETEP 05-03-03-00~~	Road pavement layers with unbound aggregates	PETEP 05-03-03-00
134	ΟΔΟ Γ-1.2	Road pavement sub-base - compaction thickness 0.10 m	~~ETEP 05-03-03-00~~	Road pavement layers with unbound aggregates	PETEP 05-03-03-00
135	ΟΔΟ Γ-2.1	Road pavement base with variable thickness	~~ETEP 05-03-03-00~~	Road pavement layers with unbound aggregates	PETEP 05-03-03-00
136	ΟΔΟ Γ-2.2	Base - 0.10 m thick (PTP O-155)	~~ETEP 05-03-03-00~~	Road pavement layers with unbound aggregates	PETEP 05-03-03-00
137	ΟΔΟ Γ-4	Levelling Layer (PTP O-150)	~~ETEP 05-03-03-00~~	Road pavement layers with unbound aggregates	PETEP 05-03-03-00
		ASPHALT WORKS (asphalt price included)			
138	ΟΔΟ Δ-1	Cutting the road pavement using asphalt cutter			
		Abrasion of road pavement (milling)			
139	ΟΔΟ Δ-2.1	Abrasion of road pavement (milling) at a depth down to 4 cm	ETEP 05-03-14-00	Milling of asphalt concrete pavements	
140	ΟΔΟ Δ-2.2	Abrasion of road pavement (milling) at a depth down to 6 cm	ETEP 05-03-14-00	Milling of asphalt concrete pavements	
141	ΟΔΟ Δ-2.3	Abrasion of road pavement (milling) at a depth down to 8 cm	ETEP 05-03-14-00	Milling of asphalt concrete pavements	
142	ΟΔΟ Δ-3	Asphalt pre-coating	ETEP 05-03-11-01	Asphalt pre-coating	
143	ΟΔΟ Δ-4	Asphalt adhesive coat			
144	ΟΔΟ Δ-5.1	Asphalt base layer - compaction thickness 0.05 m	~~ETEP 05-03-11-04~~	Hot mixed dense graded asphalt concrete layers	PETEP 05-03-11-04
145	ΟΔΟ Δ-6	Asphalt layers of variable thickness measured per weight	~~ETEP 05-03-11-04~~	Hot mixed dense graded asphalt concrete layers	PETEP 05-03-11-04
146	ΟΔΟ Δ-7	Asphalt binding (levelled) layers - compaction thickness 0.05 m	~~ETEP 05-03-11-04~~	Hot mixed dense graded asphalt concrete layers	PETEP 05-03-11-04
147	ΟΔΟ Δ-8.1	Traffic asphalt layer, standard type – compaction thickness 0.05 m	~~ETEP 05-03-11-04~~	Hot mixed dense graded asphalt concrete layers	PETEP 05-03-11-04
148	ΟΔΟ Δ-8Α	Traffic asphalt layer - urban street type	~~ETEP 05-03-11-04~~	Hot mixed dense graded asphalt concrete layers	PETEP 05-03-11-04
		Reinstatement of asphalt pavements at the locations of utility network trenches			
149	ΥΔΡ 4.09.01	Reinstatement of asphalt pavements, average width of pre-existing asphalt layer 5 cm			
150	ΥΔΡ 4.09.02	Reinstatement of asphalt pavements, average width of pre-existing asphalt layer 10 cm			
		SIGNAGE - SAFETY			
		VEHICLE RESTRAINT SYSTEMS			
151	ΟΔΟ Ε-1.30.1	Concrete safety barriers, precast, containment level H2, working width W7, height 0.80 m, impact severity class B, option for backfilling in their rear			
152	ΟΔΟ Ε-1.30.2	Concrete safety barriers, precast, containment level H2, working width W6, height 0.80 m, impact severity class B			

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153	ΟΔΟ E-1.30.3	Concrete safety barriers, precast, containment level H2, working width W4, height 0.80 m, impact severity class B, anchored or embedded			
154	ΟΔΟ E-1.30.7	Bridge safety barriers made of concrete, precast, containment level H2, working width W2, height 0.80 m, impact severity class B, anchored or embedded			
155	ΟΔΟ E-3.1	Dismantling (and eventual reinstallation) of a single-sided steel safety barrier, embedded	ETEP 05-05-02-00	Dismantling of steel safety barriers with or without re-installation	
156	ΟΔΟ N.E-3.1.1	Reinstallation of a single-sided steel safety barrier, embedded			
		FENCING PANELS - GUARDRAILS			
157	ΟΙΚ N.50.15.02	Panels to enhance - in terms of aesthetics – the already installed worksite Fencing			
158	ΟΔΟ E-4.2	Steel guardrails	-		
		SIGNS			
		Roadside information signs, fully retro-reflective, with type 2 sheeting per ELOT EN 12899-1			
159	ΟΔΟ E-8.2.2	Roadside information signs with inscriptions and symbols made of retro-reflective membrane, type 2, per ELOT EN 12899-1	ETEP 05-04-06-00	Non scrolling traffic signs	
160	ΟΔΟ E-8.3	Roadside information signs, fully retro-reflective, with type 1 sheeting per ELOT EN 12899-1	ETEP 05-04-06-00	Non scrolling traffic signs	
		Regulatory signs and hazardous area signs			
161	ΟΔΟ E-9.1	Hazardous area signs, triangular, side length 0.90 m	ETEP 05-04-06-00	Non scrolling traffic signs	
162	ΟΔΟ E-9.4	Regulatory signs, medium size	ETEP 05-04-06-00	Non scrolling traffic signs	
163	ΟΔΟ E-10.1	Traffic sign poles made of galvanized steel tube DN 40 mm (1 ½")	~~ETEP 05-04-07-00~~	Traffic signs mounting and support systems	PETEP 05-04-07-00
164	ΟΔΟ E-10.2	Traffic sign poles made of galvanized steel tube DN 80 mm (3")	~~ETEP 05-04-07-00~~	Traffic signs mounting and support systems	PETEP 05-04-07-00
165	ΟΔΟ E-14	Trusses for the support of large – size road side signs	~~ETEP 05-04-07-00~~	Traffic signs mounting and support systems	PETEP 05-04-07-00
		OTHER SIGNAGE WORKS			
166	ΟΔΟ E-15.2	Plastic retro-reflective road stud, temporary, two-way retro-reflective			
167	ΟΔΟ E-17.1	Reflective road marking paint	ETEP 05-04-02-00	Horizontal road signs	
168	ΟΔΟ E-19	Reflective striped delineator on barriers			
169	ΟΔΟ E-20	Base for the Temporary Support of Signs			

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GROUP B: CONCRETE STRUCTURES – WATERPROOFING – JOINTS, OTHER WORKS					
		CONCRETE			
		Concrete Structures			
170	ΟΔΟ Β-29.1.1	Rafts and blinding concrete from non-reinforced concrete C8/10	~~ETEP 01-01-01-00~~ ETEP 01-01-02-00 ~~ETEP 01-01-03-00~~ ~~ETEP 01-01-04-00~~ ETEP 01-01-05-00 ETEP 01-01-07-00 ~~ETEP 01-03-00-00~~ ETEP 01-04-00-00 ETEP 01-05-00-00	Concrete production and transportation Concrete casting and vibration Concrete curing Concrete batching plants Concrete compaction by vibration Mass concrete Scaffolding Concrete formwork Formation of final surfaces in cast concrete without use of mortars	PETEP 01-01-01-00 PETEP 01-01-03-00 PETEP 01-01-04-00 PETEP 01-03-00-00
171	ΟΔΟ Β-29.1.2	Structures made of non-reinforced concrete C8/10	~~ETEP 01-01-01-00~~ ETEP 01-01-02-00 ~~ETEP 01-01-03-00~~ ~~ETEP 01-01-04-00~~ ETEP 01-01-05-00 ETEP 01-01-07-00 ~~ETEP 01-03-00-00~~ ETEP 01-04-00-00 ETEP 01-05-00-00	Concrete production and transportation Concrete casting and vibration Concrete curing Concrete batching plants Concrete compaction by vibration Mass concrete Scaffolding Concrete formwork Formation of final surfaces in cast concrete without use of mortars	PETEP 01-01-01-00 PETEP 01-01-03-00 PETEP 01-01-04-00 PETEP 01-03-00-00
172	ΟΔΟ Β-29.2.1	Construction of gutters, trenches, etc., using non-reinforced concrete C12/15	~~ETEP 01-01-01-00~~ ETEP 01-01-02-00 ~~ETEP 01-01-03-00~~ ~~ETEP 01-01-04-00~~ ETEP 01-01-05-00 ETEP 01-01-07-00 ~~ETEP 01-03-00-00~~ ETEP 01-04-00-00 ETEP 01-05-00-00	Concrete production and transportation Concrete casting and vibration Concrete curing Concrete batching plants Concrete compaction by vibration Mass concrete Scaffolding Concrete formwork Formation of final surfaces in cast concrete without use of mortars	PETEP 01-01-01-00 PETEP 01-01-03-00 PETEP 01-01-04-00 PETEP 01-03-00-00

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173	ΟΔΟ Β-29.2.2	Rafts, pipe sleeves, blinding layers – concrete class C12/15	~~ETEP 01-01-01-00~~ ETEP 01-01-02-00 ~~ETEP 01-01-03-00~~ ~~ETEP 01-01-04-00~~ ETEP 01-01-05-00 ETEP 01-01-07-00 ~~ETEP 01-03-00-00~~ ETEP 01-04-00-00 ETEP 01-05-00-00	Concrete production and transportation Concrete casting and vibration Concrete curing Concrete batching plants Concrete compaction by vibration Mass concrete Scaffolding Concrete formwork Formation of final surfaces in cast concrete without use of mortars	PETEP 01-01-01-00 PETEP 01-01-03-00 PETEP 01-01-04-00 PETEP 01-03-00-00
174	ΟΔΟ Β-29.3.1	Construction of gutters, trapezoid trenches, bridge waterproofing protection layers, etc., using C16/20 concrete	~~ETEP 01-01-01-00~~ ETEP 01-01-02-00 ~~ETEP 01-01-03-00~~ ~~ETEP 01-01-04-00~~ ETEP 01-01-05-00 ETEP 01-01-07-00 ~~ETEP 01-03-00-00~~ ETEP 01-04-00-00 ETEP 01-05-00-00	Concrete production and transportation Concrete casting and vibration Concrete curing Concrete batching plants Concrete compaction by vibration Mass concrete Scaffolding Concrete formwork Formation of final surfaces in cast concrete without use of mortars	PETEP 01-01-01-00 PETEP 01-01-03-00 PETEP 01-01-04-00 PETEP 01-03-00-00
175	ΟΔΟ Β-29.3.2	Construction of walls, footways on bridges, pile wall lining, etc., using C16/20 concrete	~~ETEP 01-01-01-00~~ ETEP 01-01-02-00 ~~ETEP 01-01-03-00~~ ~~ETEP 01-01-04-00~~ ETEP 01-01-05-00 ETEP 01-01-07-00 ~~ETEP 01-03-00-00~~ ETEP 01-04-00-00 ETEP 01-05-00-00	Concrete production and transportation Concrete casting and vibration Concrete curing Concrete batching plants Concrete compaction by vibration Mass concrete Scaffolding Concrete formwork Formation of final surfaces in cast concrete without use of mortars	PETEP 01-01-01-00 PETEP 01-01-03-00 PETEP 01-01-04-00 PETEP 01-03-00-00
176	ΟΔΟ Β-29.3.3	Construction of complete slabs, boneblack bases, thin-walled and square ducts using C16/20 concrete	~~ETEP 01-01-01-00~~ ETEP 01-01-02-00 ~~ETEP 01-01-03-00~~ ~~ETEP 01-01-04-00~~ ETEP 01-01-05-00 ETEP 01-01-07-00 ~~ETEP 01-03-00-00~~ ETEP 01-04-00-00 ETEP 01-05-00-00	Concrete production and transportation Concrete casting and vibration Concrete curing Concrete batching plants Concrete compaction by vibration Mass concrete Scaffolding Concrete formwork Formation of final surfaces in cast concrete without use of mortars	PETEP 01-01-01-00 PETEP 01-01-03-00 PETEP 01-01-04-00 PETEP 01-03-00-00

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177	ΟΔΟ Β-29.3.4	Minor structures (manholes, rectangular trenches, etc.) using C16/20 concrete	~~ETEP 01-01-01-00~~ ETEP 01-01-02-00 ~~ETEP 01-01-03-00~~ ~~ETEP 01-01-04-00~~ ETEP 01-01-05-00 ETEP 01-01-07-00 ~~ETEP 01-03-00-00~~ ETEP 01-04-00-00 ETEP 01-05-00-00	Concrete production and transportation Concrete casting and vibration Concrete curing Concrete batching plants Concrete compaction by vibration Mass concrete Scaffolding Concrete formwork Formation of final surfaces in cast concrete without use of mortars	PETEP 01-01-01-00 PETEP 01-01-03-00 PETEP 01-01-04-00 PETEP 01-03-00-00
178	ΟΔΟ Β-29.3.6	Construction of vaulted concrete ducts with concrete C16/20	~~ETEP 01-01-01-00~~ ETEP 01-01-02-00 ~~ETEP 01-01-03-00~~ ~~ETEP 01-01-04-00~~ ETEP 01-01-05-00 ETEP 01-01-07-00 ~~ETEP 01-03-00-00~~ ETEP 01-04-00-00 ETEP 01-05-00-00	Concrete production and transportation Concrete casting and vibration Concrete curing Concrete batching plants Concrete compaction by vibration Mass concrete Scaffolding Concrete formwork Formation of final surfaces in cast concrete without use of mortars	PETEP 01-01-01-00 PETEP 01-01-03-00 PETEP 01-01-04-00 PETEP 01-03-00-00
179	ΟΔΟ Β-29.4.1	Construction of gutters, lined trenches, smoothening of bottoms, etc., using C20/25 concrete	~~ETEP 01-01-01-00~~ ETEP 01-01-02-00 ~~ETEP 01-01-03-00~~ ~~ETEP 01-01-04-00~~ ETEP 01-01-05-00 ETEP 01-01-07-00 ~~ETEP 01-03-00-00~~ ETEP 01-04-00-00 ETEP 01-05-00-00	Concrete production and transportation Concrete casting and vibration Concrete curing Concrete batching plants Concrete compaction by vibration Mass concrete Scaffolding Concrete formwork Formation of final surfaces in cast concrete without use of mortars	PETEP 01-01-01-00 PETEP 01-01-03-00 PETEP 01-01-04-00 PETEP 01-03-00-00
180	ΟΔΟ Β-29.4.2	Construction of square ducts with reinforced concrete C20/25	~~ETEP 01-01-01-00~~ ETEP 01-01-02-00 ~~ETEP 01-01-03-00~~ ~~ETEP 01-01-04-00~~ ETEP 01-01-05-00 ETEP 01-01-07-00 ~~ETEP 01-03-00-00~~ ETEP 01-04-00-00 ETEP 01-05-00-00	Concrete production and transportation Concrete casting and vibration Concrete curing Concrete batching plants Concrete compaction by vibration Mass concrete Scaffolding Concrete formwork Formation of final surfaces in cast concrete without use of mortars	PETEP 01-01-01-00 PETEP 01-01-03-00 PETEP 01-01-04-00 PETEP 01-03-00-00

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181	ΟΔΟ Β-29.4.3	Construction of vaulted ducts with C20/25 concrete	~~ETEP 01-01-01-00~~ ETEP 01-01-02-00 ~~ETEP 01-01-03-00~~ ~~ETEP 01-01-04-00~~ ETEP 01-01-05-00 ETEP 01-01-07-00 ~~ETEP 01-03-00-00~~ ETEP 01-04-00-00 ETEP 01-05-00-00	Concrete production and transportation Concrete casting and vibration Concrete curing Concrete batching plants Concrete compaction by vibration Mass concrete Scaffolding Concrete formwork Formation of final surfaces in cast concrete without use of mortars	PETEP 01-01-01-00 PETEP 01-01-03-00 PETEP 01-01-04-00 PETEP 01-03-00-00
182	ΟΔΟ Β-29.4.4	Minor structures of C20/25 concrete	~~ETEP 01-01-01-00~~ ETEP 01-01-02-00 ~~ETEP 01-01-03-00~~ ~~ETEP 01-01-04-00~~ ETEP 01-01-05-00 ETEP 01-01-07-00 ~~ETEP 01-03-00-00~~ ETEP 01-04-00-00 ETEP 01-05-00-00	Concrete production and transportation Concrete casting and vibration Concrete curing Concrete batching plants Concrete compaction by vibration Mass concrete Scaffolding Concrete formwork Formation of final surfaces in cast concrete without use of mortars	PETEP 01-01-01-00 PETEP 01-01-03-00 PETEP 01-01-04-00 PETEP 01-03-00-00
183	ΟΔΟ Β-29.4.5	Construction of stands, access plates, walls, parapet walls, etc., using C20/25 concrete	~~ETEP 01-01-01-00~~ ETEP 01-01-02-00 ~~ETEP 01-01-03-00~~ ~~ETEP 01-01-04-00~~ ETEP 01-01-05-00 ETEP 01-01-07-00 ~~ETEP 01-03-00-00~~ ETEP 01-04-00-00 ETEP 01-05-00-00	Concrete production and transportation Concrete casting and vibration Concrete curing Concrete batching plants Concrete compaction by vibration Mass concrete Scaffolding Concrete formwork Formation of final surfaces in cast concrete without use of mortars	PETEP 01-01-01-00 PETEP 01-01-03-00 PETEP 01-01-04-00 PETEP 01-03-00-00
184	ΟΔΟ Β-29.7	Application of shotcrete outside underground projects	~~ETEP 01-01-01-00~~ ETEP 01-01-02-00 ~~ETEP 01-01-03-00~~ ~~ETEP 01-01-04-00~~ ETEP 01-01-05-00 ETEP 01-01-07-00 ~~ETEP 01-03-00-00~~ ETEP 01-04-00-00 ETEP 01-05-00-00	Concrete production and transportation Concrete casting and vibration Concrete curing Concrete batching plants Concrete compaction by vibration Mass concrete Scaffolding Concrete formwork Formation of final surfaces in cast concrete without use of mortars	PETEP 01-01-01-00 PETEP 01-01-03-00 PETEP 01-01-04-00 PETEP 01-03-00-00
185	ΥΔΡ 9.01	Formwork or Metal formwork of flat surfaces	~~ETEP 01-03-00-00~~ ETEP 01-04-00-00	Scaffolding Concrete formwork	PETEP 01-03-00-00

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186	ΥΔΡ 9.02	Formwork or Metal formwork of curved surfaces	~~ETEP 01-03-00-00~~ ETEP 01-04-00-00	Scaffolding Concrete formwork	PETEP 01-03-00-00
		Concrete production, transportation, casting, compaction and curing			
187	ΥΔΡ 9.10.1	For structures made of concrete class C8/10	~~ETEP 01-01-01-00~~ ETEP 01-01-02-00 ~~ETEP 01-01-03-00~~ ~~ETEP 01-01-04-00~~ ETEP 01-01-05-00 ETEP 01-01-07-00	Concrete production and transportation Concrete casting and vibration Concrete curing Concrete batching plants Concrete compaction by vibration Mass concrete	PETEP 01-01-01-00 PETEP 01-01-03-00 PETEP 01-01-04-00
188	ΥΔΡ 9.10.2	For structures made of concrete class C10/12	~~ETEP 01-01-01-00~~ ETEP 01-01-02-00 ~~ETEP 01-01-03-00~~ ~~ETEP 01-01-04-00~~ ETEP 01-01-05-00 ETEP 01-01-07-00	Concrete production and transportation Concrete casting and vibration Concrete curing Concrete batching plants Concrete compaction by vibration Mass concrete	PETEP 01-01-01-00 PETEP 01-01-03-00 PETEP 01-01-04-00
189	ΥΔΡ 9.10.3	For structures made of concrete class C12/15	~~ETEP 01-01-01-00~~ ETEP 01-01-02-00 ~~ETEP 01-01-03-00~~ ~~ETEP 01-01-04-00~~ ETEP 01-01-05-00 ETEP 01-01-07-00	Concrete production and transportation Concrete casting and vibration Concrete curing Concrete batching plants Concrete compaction by vibration Mass concrete	PETEP 01-01-01-00 PETEP 01-01-03-00 PETEP 01-01-04-00
190	ΥΔΡ 9.10.4	For structures made of concrete class C16/20	~~ETEP 01-01-01-00~~ ETEP 01-01-02-00 ~~ETEP 01-01-03-00~~ ~~ETEP 01-01-04-00~~ ETEP 01-01-05-00 ETEP 01-01-07-00	Concrete production and transportation Concrete casting and vibration Concrete curing Concrete batching plants Concrete compaction by vibration Mass concrete	PETEP 01-01-01-00 PETEP 01-01-03-00 PETEP 01-01-04-00
191	ΥΔΡ 9.10.5	For structures made of concrete class C20/25	~~ETEP 01-01-01-00~~ ETEP 01-01-02-00 ~~ETEP 01-01-03-00~~ ~~ETEP 01-01-04-00~~ ETEP 01-01-05-00 ETEP 01-01-07-00	Concrete production and transportation Concrete casting and vibration Concrete curing Concrete batching plants Concrete compaction by vibration Mass concrete	PETEP 01-01-01-00 PETEP 01-01-03-00 PETEP 01-01-04-00
192	ΥΔΡ 9.10.6	For structures made of concrete class C25/30	~~ETEP 01-01-01-00~~ ETEP 01-01-02-00 ~~ETEP 01-01-03-00~~ ~~ETEP 01-01-04-00~~ ETEP 01-01-05-00 ETEP 01-01-07-00	Concrete production and transportation Concrete casting and vibration Concrete curing Concrete batching plants Concrete compaction by vibration Mass concrete	PETEP 01-01-01-00 PETEP 01-01-03-00 PETEP 01-01-04-00

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193	ΥΔΡ 9.10.7	For structures made of concrete class C30/37	~~ETEP 01-01-01-00~~ ETEP 01-01-02-00 ~~ETEP 01-01-03-00~~ ~~ETEP 01-01-04-00~~ ETEP 01-01-05-00 ETEP 01-01-07-00	Concrete production and transportation Concrete casting and vibration Concrete curing Concrete batching plants Concrete compaction by vibration Mass concrete	PETEP 01-01-01-00 PETEP 01-01-03-00 PETEP 01-01-04-00
		REINFORCEMENT			
		Concrete Steel Reinforcement			
194	ΟΔΟ Β-30.1	Concrete Steel Reinforcement B500A	~~ETEP 01-02-01-00~~	Steel reinforcement for concrete	PETEP 01-02-01-00
195	ΟΔΟ Β-30.2	Concrete Steel Reinforcement B500 C outside underground projects	~~ETEP 01-02-01-00~~	Steel reinforcement for concrete	PETEP 01-02-01-00
196	ΟΔΟ Β-30.3	Steel structural mesh B500Coutside underground projects	~~ETEP 01-02-01-00~~	Steel reinforcement for concrete	PETEP 01-02-01-00
197	ΟΔΟ Β-30.4	Concrete Steel Fibres	~~ETEP 01-02-01-00~~	Steel reinforcement for concrete	PETEP 01-02-01-00
198	ΟΔΟ Β-30.5	Polypropylene Concrete Fibres	~~ETEP 01-02-01-00~~	Steel reinforcement for concrete	PETEP 01-02-01-00
199	ΥΔΡ 9.26	Supply and Installation of concrete steel reinforcement for hydraulic works	~~ETEP 01-02-01-00~~	Steel reinforcement for concrete	PETEP 01-02-01-00
		TREATMENT OF CONCRETE SURFACES – INSULATIONS - JOINTS			
200	ΟΔΟ Β-33	Hard pressed plaster 1.5 cm thick for external surfaces	ETEP 08-05-01-04	Protective coatings of hydraulic concrete structures using in-situ or ready-mixed cement mortars	
201	ΟΔΟ Β-34	Hard pressed plaster 2.0 cm thick for the external surfaces of sewers and manholes/sumps	ETEP 08-05-01-04	Protective coatings of hydraulic concrete structures using in-situ or ready-mixed cement mortars	
202	ΟΔΟ Β-36	Insulation by applying two coats of asphalt			
203	ΟΔΟ Β-37.1	Sealing the concrete surface with asphalt membrane on asphalt concrete blinding	~~ETEP 08-05-01-02~~ ~~ETEP 05-03-11-04~~	Waterproofing of concrete structures using asphaltic membranes Hot mixed dense graded asphalt concrete layers	PETEP 08-05-01-02 PETEP 05-03-11-04
204	ΟΔΟ Β-37.2	Sealing concrete surfaces with two layers of asphalt fabric and protection mortar	~~ETEP 08-05-01-02~~	Waterproofing of concrete structures using asphaltic membranes	PETEP 08-05-01-02
205	ΟΔΟ Β-42	Waterproofing drainage channels bottom with geomembrane			
206	ΟΔΟ Β-43.1	Sealing horizontal joints with asphalt mastic applied in hot			
207	ΟΔΟ Β-43.2	Sealing vertical and oblique joints with plastomer asphalt mastic			
208	ΟΔΟ Β-44	Sealing of joints with waterstop	ETEP 08-05-02-02	Waterstops for concrete joints	
209	ΟΔΟ Β-64.1	Geotextiles for underdrains	ETEP 08-03-03-00	Geotextiles for underdrains	
		Flexible tapes of indoor type (Waterstops) for waterproofing concrete joints			
210	ΥΔΡ 10.02.01	For 160 mm. wide tapes	ETEP 08-05-02-02	Waterstops for concrete joints	
211	ΥΔΡ 10.02.02	For 240 mm. wide tapes	ETEP 08-05-02-02	Waterstops for concrete joints	
212	ΥΔΡ 10.02.03	For 300 mm. wide tapes	ETEP 08-05-02-02	Waterstops for concrete joints	
		Joint sealing of nominal gap 10mm using elastomeric material			
213	ΥΔΡ 10.03.01	Joint Sealing of 10mm span using polyurethane-based materials	ETEP 08-05-02-05	Concrete structures joint sealing using elastomeric materials	

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214	ΥΔΡ 10.03.02	Joint Sealing of 10mm span using polysulfide-based materials	ETEP 08-05-02-05	Concrete structures joint sealing using elastomeric materials	
215	ΥΔΡ 10.03.03	Joint Sealing of 10mm span using acrylic-based materials	ETEP 08-05-02-05	Concrete structures joint sealing using elastomeric materials	
216	ΥΔΡ 10.24	Perforated plastic drainage pipes D160 mm lined with geotextile			
217	ΥΔΡ 10.25	Application of epoxy welding material over an already existing concrete surface			
218	ΥΔΡ 10.30	Joints sealing using a bentonite expansive tape			
		URBAN ROADWORKS			
219	ΟΔΟ Β-51	Precast concrete curbs	~~ETEP 05-02-01-00~~	Kerbs, gutters and roadside ditches	PETEP 05-02-01-00
220	ΟΔΟ Β-52	Slab paving of sidewalks, traffic islands, etc.	~~ETEP 05-02-02-00~~	Paving slabs and cobblestones for pedestrian areas	PETEP 05-02-02-00
221	ΟΔΟ Β-81	Concrete slabs paving, 40x40 cm			
222	ΟΔΟ Β-82	Configuration of crossings for persons with disabilities in sidewalks and traffic isles			
223	ΟΔΟ Β-83	Concrete tree edging			
224	ΟΔΟ Β-85	Adjusting the level of an existing manhole on a sidewalk under reconstruction			
225	ΥΔΡ 4.10	Retrofitting of paving slabs on sidewalks, traffic islands or squares above underground utility trenches	~~ETEP 08-06-08-03~~	Retrofitting of concrete paving slabs along constructed underground utility	PETEP 08-06-08-03
226	ΥΔΡ 4.11	Reinstatement of sidewalk, made of non-reinforced concrete above underground utility trenches			

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GROUP C: METAL STRUCTURES – FITTINGS, MANHOLES, PIPING – NETWORKS, NETWORK - PIPING ITEMS, REPAIR – MAINTENANCE WORKS, OTHER NETWORK STRUCTURES					
		METAL STRUCTURES - FITTINGS			
227	ΟΔΟ Β-48	Galvanized iron articles			
228	ΟΔΟ Β-49	Cast iron gully tops	ETEP 08-07-01-01	Grey cast iron gully tops	
229	ΟΔΟ Β-50	Steps made of mild cast iron	~~ETEP 08-07-01-05~~	Manhole steps	PETEP 08-07-01-05
230	ΥΔΡ 11.01.02	Ductile iron tops			
231	ΥΔΡ 11.02.04	Ductile iron drainage gratings	ETEP 08-07-01-04	Ductile iron gully tops	
232	ΥΔΡ 11.03	Cast iron steps	~~ETEP 08-07-01-05~~	Manhole steps	PETEP 08-07-01-05
		SUMPS			
		Standard stormwater drainage and sewage sumps (Works Construction Standards)			
233	ΟΔΟ Β-66.1	Sump, type Φ1N (Works Construction Standards)			
234	ΟΔΟ Β-66.2	Sumps between slopes (Works Construction Standards)			
235	ΟΔΟ Β-66.3	Sewerage manhole, type Φ10 (D=0.40 m or 0.60 m (Works Construction Standards)			
236	ΟΔΟ Β-66.4	Sewerage manhole, type Φ10 (D=0.80 m) (Works Construction Standards)			
237	ΟΔΟ Β-66.5	Sewerage manhole, type Φ11 (D=1.00 m) (Works Construction Standards)			
238	ΟΔΟ Β-66.6	Sewerage manhole, type Φ12 (D=1.20 m) (Works Construction Standards)			
239	ΟΔΟ Β-66.7	Underdrains manhole (Works Construction Standards)			
		Typical air relief valve manholes			
240	ΥΔΡ 9.30.01	for pipes DN < 600 mm and dimensions 2.00x1.50 m	Per the applicable ETEP		
241	ΥΔΡ 9.30.02	for pipes DN > 600 mm and dimensions 2.20x1.50 m	Per the applicable ETEP		
		Typical Water Discharge Manholes			
242	ΥΔΡ 9.31.01	simple manholes	Per the applicable ETEP		
243	ΥΔΡ 9.31.02	2-chamber manholes	Per the applicable ETEP		
		Typical valves manholes			
244	ΥΔΡ 9.32.01	for pipes DN < 300 mm and dimensions 1.50x1.50 m	Per the applicable ETEP		
245	ΥΔΡ 9.32.02	for pipes DN 300 – 600 mm and dimensions 2.00x2.50 m	Per the applicable ETEP		
246	ΥΔΡ 9.32.03	for pipes DN > 600 mm and dimensions 2.00x3.00 m	Per the applicable ETEP		
		Typical supply meter devices manholes			

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247	ΥΔΡ 9.33.01	for pipes DN ≤ 300 mm, and dimensions 2.00x1.50 m	Per the applicable ETEP		
248	ΥΔΡ 9.33.02	for pipes DN > 300 mm, and dimensions 2.20x1.50 m	Per the applicable ETEP		
249	ΥΔΡ 9.33.03	dimensions 2.50 x 2.50 m	Per the applicable ETEP		
250	ΥΔΡ 9.34	Typical water hammer arresting valves manholes	Per the applicable ETEP		
251	ΥΔΡ 9.35	Flow direction changing manholes, pipes DN ≤ 300 mm	Per the applicable ETEP		
252	ΥΔΡ 9.36	Typical junction manholes	Per the applicable ETEP		
		PIPING - NETWORKS			
253	ΟΔΟ Β-59	Galvanized cable conduits DN100 (incorporated)			
		Supply, transportation at the installation location and placement of precast concrete sewage pipes, strength class 120, per ELOT EN 1916			
254	ΥΔΡ 12.01.01.01	Nominal diameter D200 mm			
255	ΥΔΡ 12.01.01.02	Nominal diameter D300 mm			
256	ΥΔΡ 12.01.01.03	Nominal diameter D400 mm			
257	ΥΔΡ 12.01.01.04	Nominal diameter D500 mm			
258	ΥΔΡ 12.01.01.05	Nominal diameter D600 mm			
259	ΥΔΡ 12.01.01.06	Nominal diameter D800 mm			
260	ΥΔΡ 12.01.01.07	Nominal diameter D1000 mm			
261	ΥΔΡ 12.01.01.08	Nominal diameter D1200 mm			
262	ΥΔΡ 12.01.01.09	Nominal diameter D1400 mm			
263	ΥΔΡ 12.01.01.10	Nominal diameter D1600 mm			
264	ΥΔΡ 12.01.01.11	Nominal diameter D1800 mm			
265	ΥΔΡ 12.01.01.12	Nominal diameter D2000 mm			
266	ΥΔΡ 12.01.01.13	Nominal diameter D2250 mm			
267	ΥΔΡ 12.01.01.14	Nominal diameter D2500 mm			
		Solid wall PVC-U sewage pipes			
268	ΥΔΡ 12.10.01	Sewage ducts made of PVC-U pipes, SDR 41, DN 110 mm	~~ETEP 08-06-02-02~~	Pressurized u-PVC pipe networks for sewage	PETEP 08-06-02-02
269	ΥΔΡ 12.10.02	Sewage ducts made of PVC-U pipes, SDR 41, DN 125 mm	~~ETEP 08-06-02-02~~	Pressurized u-PVC pipe networks for sewage	PETEP 08-06-02-02
270	ΥΔΡ 12.10.03	Sewage ducts made of PVC-U pipes, SDR 41, DN 160 mm	~~ETEP 08-06-02-02~~	Pressurized u-PVC pipe networks for sewage	PETEP 08-06-02-02
271	ΥΔΡ 12.10.04	Sewage ducts made of PVC-U pipes, SDR 41, DN 200 mm	~~ETEP 08-06-02-02~~	Pressurized u-PVC pipe networks for sewage	PETEP 08-06-02-02
272	ΥΔΡ 12.10.05	Sewage ducts made of PVC-U pipes, SDR 41, DN 250 mm	~~ETEP 08-06-02-02~~	Pressurized u-PVC pipe networks for sewage	PETEP 08-06-02-02
273	ΥΔΡ 12.10.06	Sewage ducts made of PVC-U pipes, SDR 41, DN 315 mm	~~ETEP 08-06-02-02~~	Pressurized u-PVC pipe networks for sewage	PETEP 08-06-02-02
274	ΥΔΡ 12.10.07	Sewage ducts made of PVC-U pipes, SDR 41, DN 355 mm	~~ETEP 08-06-02-02~~	Pressurized u-PVC pipe networks for sewage	PETEP 08-06-02-02
275	ΥΔΡ 12.10.08	Sewage ducts made of PVC-U pipes, SDR 41, DN 400 mm	~~ETEP 08-06-02-02~~	Pressurized u-PVC pipe networks for sewage	PETEP 08-06-02-02
276	ΥΔΡ 12.10.09	Sewage ducts made of PVC-U pipes, SDR 41, DN 500 mm	~~ETEP 08-06-02-02~~	Pressurized u-PVC pipe networks for sewage	PETEP 08-06-02-02

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277	ΥΔΡ 12.10.10	Sewage ducts made of PVC-U pipes, SDR 41, DN 630 mm	~~ETEP 08-06-02-02~~	Pressurized u-PVC pipe networks for sewage	PETEP 08-06-02-02
		Saddle with coupler glued onto sewage pipes made of PVC-U series 41			
278	ΥΔΡ 12.12.01.01	Saddle/coupler – Nominal diameters 200/125 mm.			
279	ΥΔΡ 12.12.01.02	Saddle/coupler – Nominal diameters 250/160 mm.			
280	ΥΔΡ 12.12.01.03	Saddle/coupler – Nominal diameters 315/160 mm.			
281	ΥΔΡ 12.12.01.04	Saddle/coupler – Nominal diameters 355/160 mm.			
282	ΥΔΡ 12.12.01.05	Saddle/coupler – Nominal diameters 400/160 mm.			
		Ducts under pressure, made of PVC-U pipes			
		Nominal pressure 10 at			
283	ΥΔΡ 12.13.02.01	Nominal diameter D 50 mm	ETEP 08-06-02-01 ETEP 08-06-08-01	Pressurized u-PVC pipe networks Warning tape above buried utilities	
284	ΥΔΡ 12.13.02.02	Nominal diameter D 63 mm	ETEP 08-06-02-01 ETEP 08-06-08-01	Pressurized u-PVC pipe networks Warning tape above buried utilities	
285	ΥΔΡ 12.13.02.03	Nominal diameter D 75 mm	ETEP 08-06-02-01 ETEP 08-06-08-01	Pressurized u-PVC pipe networks Warning tape above buried utilities	
286	ΥΔΡ 12.13.02.04	Nominal diameter D 90 mm	ETEP 08-06-02-01 ETEP 08-06-08-01	Pressurized u-PVC pipe networks Warning tape above buried utilities	
287	ΥΔΡ 12.13.02.05	Nominal diameter D110 mm	ETEP 08-06-02-01 ETEP 08-06-08-01	Pressurized u-PVC pipe networks Warning tape above buried utilities	
288	ΥΔΡ 12.13.02.06	Nominal diameter D140 mm	ETEP 08-06-02-01 ETEP 08-06-08-01	Pressurized u-PVC pipe networks Warning tape above buried utilities	
289	ΥΔΡ 12.13.02.07	Nominal diameter D160 mm	ETEP 08-06-02-01 ETEP 08-06-08-01	Pressurized u-PVC pipe networks Warning tape above buried utilities	
290	ΥΔΡ 12.13.02.08	Nominal diameter D200 mm	ETEP 08-06-02-01 ETEP 08-06-08-01	Pressurized u-PVC pipe networks Warning tape above buried utilities	
291	ΥΔΡ 12.13.02.09	Nominal diameter D225 mm	ETEP 08-06-02-01 ETEP 08-06-08-01	Pressurized u-PVC pipe networks Warning tape above buried utilities	
292	ΥΔΡ 12.13.02.10	Nominal diameter D280 mm	ETEP 08-06-02-01 ETEP 08-06-08-01	Pressurized u-PVC pipe networks Warning tape above buried utilities	
293	ΥΔΡ 12.13.02.11	Nominal diameter D315 mm	ETEP 08-06-02-01 ETEP 08-06-08-01	Pressurized u-PVC pipe networks Warning tape above buried utilities	
294	ΥΔΡ 12.13.02.12	Nominal diameter D355 mm	ETEP 08-06-02-01 ETEP 08-06-08-01	Pressurized u-PVC pipe networks Warning tape above buried utilities	
295	ΥΔΡ 12.13.02.13	Nominal diameter D400 mm	ETEP 08-06-02-01 ETEP 08-06-08-01	Pressurized u-PVC pipe networks Warning tape above buried utilities	
296	ΥΔΡ 12.13.02.14	Nominal diameter D450 mm	ETEP 08-06-02-01 ETEP 08-06-08-01	Pressurized u-PVC pipe networks Warning tape above buried utilities	
297	ΥΔΡ 12.13.02.15	Nominal diameter D500 mm	ETEP 08-06-02-01 ETEP 08-06-08-01	Pressurized u-PVC pipe networks Warning tape above buried utilities	
		Nominal pressure 16 at			

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298	ΥΔΡ 12.13.04.01	Nominal diameter D 50 mm	ETEP 08-06-02-01 ETEP 08-06-08-01	Pressurized u-PVC pipe networks Warning tape above buried utilities	
299	ΥΔΡ 12.13.04.02	Nominal diameter D 63 mm	ETEP 08-06-02-01 ETEP 08-06-08-01	Pressurized u-PVC pipe networks Warning tape above buried utilities	
300	ΥΔΡ 12.13.04.03	Nominal diameter D 75 mm	ETEP 08-06-02-01 ETEP 08-06-08-01	Pressurized u-PVC pipe networks Warning tape above buried utilities	
301	ΥΔΡ 12.13.04.04	Nominal diameter D 90 mm	ETEP 08-06-02-01 ETEP 08-06-08-01	Pressurized u-PVC pipe networks Warning tape above buried utilities	
302	ΥΔΡ 12.13.04.05	Nominal diameter D110 mm	ETEP 08-06-02-01 ETEP 08-06-08-01	Pressurized u-PVC pipe networks Warning tape above buried utilities	
303	ΥΔΡ 12.13.04.06	Nominal diameter D140 mm	ETEP 08-06-02-01 ETEP 08-06-08-01	Pressurized u-PVC pipe networks Warning tape above buried utilities	
304	ΥΔΡ 12.13.04.07	Nominal diameter D160 mm	ETEP 08-06-02-01 ETEP 08-06-08-01	Pressurized u-PVC pipe networks Warning tape above buried utilities	
305	ΥΔΡ 12.13.04.08	Nominal diameter D200 mm	ETEP 08-06-02-01 ETEP 08-06-08-01	Pressurized u-PVC pipe networks Warning tape above buried utilities	
306	ΥΔΡ 12.13.04.09	Nominal diameter D225 mm	ETEP 08-06-02-01 ETEP 08-06-08-01	Pressurized u-PVC pipe networks Warning tape above buried utilities	
307	ΥΔΡ 12.13.04.10	Nominal diameter D280 mm	ETEP 08-06-02-01 ETEP 08-06-08-01	Pressurized u-PVC pipe networks Warning tape above buried utilities	
308	ΥΔΡ 12.13.04.11	Nominal diameter D315 mm	ETEP 08-06-02-01 ETEP 08-06-08-01	Pressurized u-PVC pipe networks Warning tape above buried utilities	
309	ΥΔΡ 12.13.04.12	Nominal diameter D355 mm	ETEP 08-06-02-01 ETEP 08-06-08-01	Pressurized u-PVC pipe networks Warning tape above buried utilities	
310	ΥΔΡ 12.13.04.13	Nominal diameter D400 mm	ETEP 08-06-02-01 ETEP 08-06-08-01	Pressurized u-PVC pipe networks Warning tape above buried utilities	
311	ΥΔΡ 12.13.04.14	Nominal diameter D450 mm	ETEP 08-06-02-01 ETEP 08-06-08-01	Pressurized u-PVC pipe networks Warning tape above buried utilities	
312	ΥΔΡ 12.13.04.15	Nominal diameter D500 mm	ETEP 08-06-02-01 ETEP 08-06-08-01	Pressurized u-PVC pipe networks Warning tape above buried utilities	
		Plastics Piping System under pressure consisting of solid wall PE pipes, (minimum required strength MRS10 = 10 MPa), per EN 12201-2			
		Nominal pressure 10 at			
313	ΥΔΡ 12.14.01.04	Nominal diameter DN 63 mm / PN 10 atm			
314	ΥΔΡ 12.14.01.06	Nominal diameter DN 90 mm / PN 10 atm			
315	ΥΔΡ 12.14.01.07	Nominal Diameter DN 110 mm / PN 10 atm			
316	ΥΔΡ 12.14.01.08	Nominal Diameter DN 125 mm / PN 10 atm			
317	ΥΔΡ 12.14.01.09	Nominal Diameter DN 140 mm / PN 10 atm			
318	ΥΔΡ 12.14.01.10	Nominal Diameter DN 160 mm / PN 10 atm			
319	ΥΔΡ 12.14.01.11	Nominal Diameter DN 200 mm / PN 10 atm			
320	ΥΔΡ 12.14.01.15	Nominal Diameter DN 315 mm / PN 10 atm			

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		Nominal Pressure 16 at			
321	ΥΔΡ 12.14.01.44	Nominal Diameter DN 63 mm / PN 16 atm			
322	ΥΔΡ 12.14.01.46	Nominal Diameter DN 90 mm / PN 16 atm			
323	ΥΔΡ 12.14.01.47	Nominal Diameter DN 110 mm / PN 16 atm			
324	ΥΔΡ 12.14.01.48	Nominal Diameter DN 125 mm / PN 16 atm			
325	ΥΔΡ 12.14.01.49	Nominal Diameter DN 140 mm / PN 16 atm			
326	ΥΔΡ 12.14.01.50	Nominal Diameter DN 160 mm / PN 16 atm			
327	ΥΔΡ 12.14.01.51	Nominal Diameter DN 200 mm / PN 16 atm			
328	ΥΔΡ 12.14.01.55	Nominal Diameter DN 315 mm / PN 16 atm			
		Networks under pressure made of ductile iron pipes			
329	ΥΔΡ 12.15.01	Pipes DN 100 mm / class C40, per ELOT EN 545			
330	ΥΔΡ 12.15.02	Pipes DN 125 mm / class C40, per ELOT EN 545			
331	ΥΔΡ 12.15.03	Pipes DN 150 mm / class C40, per ELOT EN 545			
332	ΥΔΡ 12.15.04	Pipes DN 200 mm / class C40, per ELOT EN 545			
333	ΥΔΡ 12.15.05	Pipes DN 250 mm / class C40, per ELOT EN 545			
334	ΥΔΡ 12.15.06	Pipes DN 300 mm / class C40, per ELOT EN 545			
335	ΥΔΡ 12.15.07	Pipes DN 350 mm / class C30, per ELOT EN 545			
336	ΥΔΡ 12.15.08	Pipes DN 400 mm / class C30, per ELOT EN 545			
337	ΥΔΡ 12.15.09	Pipes DN 450 mm / class C30, per ELOT EN 545			
338	ΥΔΡ 12.15.10	Pipes DN 500 mm / class C30, per ELOT EN 545			
339	ΥΔΡ 12.15.11	Pipes DN 600 mm / class C30, per ELOT EN 545			
340	ΥΔΡ 12.15.12	Pipes DN 700 mm / class C25, per ELOT EN 545			
341	ΥΔΡ 12.15.13	Pipes DN 800 mm / class C25, per ELOT EN 545			
342	ΥΔΡ 12.15.14	Pipes DN 900 mm / class C25, per ELOT EN 545			
343	ΥΔΡ 12.15.15	Pipes DN 1000 mm / class C25, per ELOT EN 545			
344	ΥΔΡ 12.15.16	Pipes DN 1100 mm / class C25, per ELOT EN 545			
345	ΥΔΡ 12.15.17	Pipes DN 1200 mm / class C25, per ELOT EN 545			
		Sewage networks made of ductile iron pipes			
346	ΥΔΡ 12.16.01	Pipes DN 100 mm, per ΕΛΟΤ EN 598			
347	ΥΔΡ 12.16.02	Pipes DN 125 mm, per ΕΛΟΤ EN 598			
348	ΥΔΡ 12.16.03	Pipes DN 150 mm, per ΕΛΟΤ EN 598			
349	ΥΔΡ 12.16.04	Pipes DN 200 mm, per ΕΛΟΤ EN 598			
350	ΥΔΡ 12.16.05	Pipes DN 250 mm, per ΕΛΟΤ EN 598			
351	ΥΔΡ 12.16.06	Pipes DN 300 mm, per ΕΛΟΤ EN 598			
352	ΥΔΡ 12.16.07	Pipes DN 350 mm, per ΕΛΟΤ EN 598			
353	ΥΔΡ 12.16.08	Pipes DN 400 mm, per ΕΛΟΤ EN 598			
354	ΥΔΡ 12.16.09	Pipes DN 450 mm, per ΕΛΟΤ EN 598			
355	ΥΔΡ 12.16.10	Pipes DN 500 mm, per ΕΛΟΤ EN 598			
356	ΥΔΡ 12.16.11	Pipes DN 600 mm, per ΕΛΟΤ EN 598			
357	ΥΔΡ 12.16.12	Pipes DN 700 mm, per ΕΛΟΤ EN 598			
358	ΥΔΡ 12.16.13	Pipes DN 800 mm, per ΕΛΟΤ EN 598			
359	ΥΔΡ 12.16.14	Pipes DN 900 mm, per ΕΛΟΤ EN 598			

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360	ΥΔΡ 12.16.15	Pipes DN 1000 mm, per ΕΛΟΤ EN 598			
		Piping special pieces made of spheroid graphite ductile iron			
361	ΥΔΡ 12.17.01	Curves, Tees, stepdown adaptors plugs etc. of all types, sizes and pressure classes, per ELOT EN 545 & ELOT EN 598			
		Fixing items (saddles) of pressure pipes made of spheroid graphite ductile iron per ELOT EN 545, fully installed, with the required bolts			
362	ΥΔΡ 12.17.02.01	Saddle DN 100 mm			
363	ΥΔΡ 12.17.02.02	Saddle DN 125 mm			
364	ΥΔΡ 12.17.02.03	Saddle DN 150 mm			
365	ΥΔΡ 12.17.02.04	Saddle DN 200 mm			
366	ΥΔΡ 12.17.02.05	Saddle DN 250 mm			
367	ΥΔΡ 12.17.02.06	Saddle DN 300 mm			
368	ΥΔΡ 12.17.02.07	Saddle DN 350 mm			
369	ΥΔΡ 12.17.02.08	Saddle DN 400 mm			
370	ΥΔΡ 12.17.02.09	Saddle DN 450 mm			
371	ΥΔΡ 12.17.02.10	Saddle DN 500 mm			
372	ΥΔΡ 12.17.02.11	Saddle DN 600 mm			
373	ΥΔΡ 12.17.02.12	Saddle DN 700 mm			
374	ΥΔΡ 12.17.02.13	Saddle DN 800 mm			
375	ΥΔΡ 12.17.02.14	Saddle DN 900 mm			
376	ΥΔΡ 12.17.02.15	Saddle DN 1000 mm			
377	ΥΔΡ 12.17.02.16	Saddle DN 1100 mm			
378	ΥΔΡ 12.17.02.17	Saddle DN 1200 mm			
		Construction of straight sections of the network using steel pipes			
379	ΥΔΡ 12.18.01	Using steel pipes, inner protection of coal tar (bituminous) and outer protection of coal tar (bituminous) and a double layer of glass fiber fabric			
380	ΥΔΡ 12.18.02	Using steel pipes, outer insulation of coal tar (bituminous) and polyethylene sheet and inner epoxy resin insulation			
381	ΥΔΡ 12.18.03	Using steel pipes, outer insulation of coal tar (bituminous) and polyethylene sheet and inner insulation made of centrifugally applied concrete (screed)			
382	ΥΔΡ 12.19	Curves, stepdown adaptors and steel pipes joints			
383	ΥΔΡ 12.20	Steel welding flanges			
		Design and construction of cathodic protection			
384	ΥΔΡ 12.21.01	Soil electrodynamic and resistance measurements (field works and report preparation)			
385	ΥΔΡ 12.21.02	Cathodic protection system design			
386	ΥΔΡ 12.21.03	Cathodic protection system construction			
		FITTINGS FOR PIPING NETWORKS			

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		Slide gate valves, cast steel			
		Flanged, nominal pressure 16 atm			
387	ΥΔΡ 13.03.03.01	Nominal diameter DN 50 mm	~~ETEP 08-06-07-02~~	Cast iron gate valves	PETEP 08-06-07-02
388	ΥΔΡ 13.03.03.02	Nominal diameter DN 80 mm	~~ETEP 08-06-07-02~~	Cast iron gate valves	PETEP 08-06-07-02
389	ΥΔΡ 13.03.03.03	Nominal diameter DN 100 mm	~~ETEP 08-06-07-02~~	Cast iron gate valves	PETEP 08-06-07-02
390	ΥΔΡ 13.03.03.05	Nominal diameter DN 150 mm	~~ETEP 08-06-07-02~~	Cast iron gate valves	PETEP 08-06-07-02
391	ΥΔΡ 13.03.03.07	Nominal diameter DN 200 mm	~~ETEP 08-06-07-02~~	Cast iron gate valves	PETEP 08-06-07-02
		Flanged, nominal pressure 25 atm			
392	ΥΔΡ 13.03.04.01	Nominal diameter DN 80 mm	~~ETEP 08-06-07-02~~	Cast iron gate valves	PETEP 08-06-07-02
393	ΥΔΡ 13.03.04.02	Nominal diameter DN 100 mm	~~ETEP 08-06-07-02~~	Cast iron gate valves	PETEP 08-06-07-02
394	ΥΔΡ 13.03.04.03	Nominal diameter DN 150 mm	~~ETEP 08-06-07-02~~	Cast iron gate valves	PETEP 08-06-07-02
395	ΥΔΡ 13.03.04.04	Nominal diameter DN 200 mm	~~ETEP 08-06-07-02~~	Cast iron gate valves	PETEP 08-06-07-02
396	ΥΔΡ 13.03.04.05	Nominal diameter DN 300 mm	~~ETEP 08-06-07-02~~	Cast iron gate valves	PETEP 08-06-07-02
		Flanged butterfly (wafer) valves, cast steel			
		Nominal pressure 16 atm			
397	ΥΔΡ 13.04.04.01	Nominal diameter DN 250 mm, 16 at	ETEP 08-06-07-03	Cast iron butterfly valves	
398	ΥΔΡ 13.04.04.02	Nominal diameter DN 400 mm, 16 at	ETEP 08-06-07-03	Cast iron butterfly valves	
399	ΥΔΡ 13.04.04.03	Nominal diameter DN 500 mm, 16 at	ETEP 08-06-07-03	Cast iron butterfly valves	
400	ΥΔΡ 13.04.04.04	Nominal diameter DN 600 mm, 16 at	ETEP 08-06-07-03	Cast iron butterfly valves	
401	ΥΔΡ 13.04.04.05	Nominal diameter DN 700 mm, 16 at	ETEP 08-06-07-03	Cast iron butterfly valves	
		Nominal pressure 25 atm			
402	ΥΔΡ 13.04.05.01	Nominal diameter DN 200 mm, 25 at	ETEP 08-06-07-03	Cast iron butterfly valves	
403	ΥΔΡ 13.04.05.02	Nominal diameter DN 250 mm, 25 at	ETEP 08-06-07-03	Cast iron butterfly valves	
404	ΥΔΡ 13.04.05.03	Nominal diameter DN 500 mm, 25 at	ETEP 08-06-07-03	Cast iron butterfly valves	
405	ΥΔΡ 13.04.05.04	Nominal diameter DN 600 mm, 25 at	ETEP 08-06-07-03	Cast iron butterfly valves	
406	ΥΔΡ 13.04.05.05	Nominal diameter DN 700 mm, 25 at	ETEP 08-06-07-03	Cast iron butterfly valves	
407	ΥΔΡ 13.04.05.06	Nominal diameter DN 800 mm, 25 at	ETEP 08-06-07-03	Cast iron butterfly valves	
		Kinetic dual orifice air-relief valves			
		Nominal pressure 16 atm			
408	ΥΔΡ 13.10.02.01	Nominal diameter DN 50 mm	ETEP 08-06-07-07	Double orifice air relief valves	
409	ΥΔΡ 13.10.02.02	Nominal diameter DN 80 mm	ETEP 08-06-07-07	Double orifice air relief valves	
410	ΥΔΡ 13.10.02.03	Nominal diameter DN 100 mm	ETEP 08-06-07-07	Double orifice air relief valves	
411	ΥΔΡ 13.10.02.04	Nominal diameter DN 150 mm	ETEP 08-06-07-07	Double orifice air relief valves	
412	ΥΔΡ 13.10.02.05	Nominal diameter DN 200 mm	ETEP 08-06-07-07	Double orifice air relief valves	
		Nominal pressure 25 atm			
413	ΥΔΡ 13.10.03.01	Nominal diameter DN 50 mm	ETEP 08-06-07-07	Double orifice air relief valves	
414	ΥΔΡ 13.10.03.02	Nominal diameter DN 80 mm	ETEP 08-06-07-07	Double orifice air relief valves	
415	ΥΔΡ 13.10.03.03	Nominal diameter DN 100 mm	ETEP 08-06-07-07	Double orifice air relief valves	
416	ΥΔΡ 13.10.03.04	Nominal diameter DN 150 mm	ETEP 08-06-07-07	Double orifice air relief valves	
417	ΥΔΡ 13.10.03.05	Nominal diameter DN 200 mm	ETEP 08-06-07-07	Double orifice air relief valves	
		Steel dismantling joints			
		Nominal pressure PN 16 at			

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418	ΥΔΡ 13.15.02.01	Nominal diameter DN 50 mm	ETEP 08-06-07-05	Pipeline components dismantling joints	
419	ΥΔΡ 13.15.02.03	Nominal diameter DN 80 mm	ETEP 08-06-07-05	Pipeline components dismantling joints	
420	ΥΔΡ 13.15.02.06	Nominal diameter DN 150 mm	ETEP 08-06-07-05	Pipeline components dismantling joints	
421	ΥΔΡ 13.15.02.09	Nominal diameter DN 250 mm	ETEP 08-06-07-05	Pipeline components dismantling joints	
422	ΥΔΡ 13.15.02.12	Nominal diameter DN 400 mm	ETEP 08-06-07-05	Pipeline components dismantling joints	
423	ΥΔΡ 13.15.02.14	Nominal diameter DN 500 mm	ETEP 08-06-07-05	Pipeline components dismantling joints	
424	ΥΔΡ 13.15.02.15	Nominal diameter DN 600 mm	ETEP 08-06-07-05	Pipeline components dismantling joints	
425	ΥΔΡ 13.15.02.16	Nominal diameter DN 700 mm	ETEP 08-06-07-05	Pipeline components dismantling joints	
		Nominal pressure PN 25 at			
426	ΥΔΡ 13.15.03.01	Nominal diameter DN 80 mm	ETEP 08-06-07-05	Pipeline components dismantling joints	
427	ΥΔΡ 13.15.03.02	Nominal diameter DN 150 mm	ETEP 08-06-07-05	Pipeline components dismantling joints	
428	ΥΔΡ 13.15.03.03	Nominal diameter DN 200 mm	ETEP 08-06-07-05	Pipeline components dismantling joints	
429	ΥΔΡ 13.15.03.04	Nominal diameter DN 250 mm	ETEP 08-06-07-05	Pipeline components dismantling joints	
430	ΥΔΡ 13.15.03.05	Nominal diameter DN 500 mm	ETEP 08-06-07-05	Pipeline components dismantling joints	
431	ΥΔΡ 13.15.03.06	Nominal diameter DN 600 mm	ETEP 08-06-07-05	Pipeline components dismantling joints	
432	ΥΔΡ 13.15.03.07	Nominal diameter DN 700 mm	ETEP 08-06-07-05	Pipeline components dismantling joints	
433	ΥΔΡ 13.15.03.08	Nominal diameter DN 800 mm	ETEP 08-06-07-05	Pipeline components dismantling joints	
		WORKS FOR THE REPAIR AND MAINTENANCE OF NETWORKS AND OTHER MINOR STRUCTURES			
434	ΥΔΡ 16.01	Connection of water sump discharge pipe with the rainwater network			
435	ΥΔΡ 16.02	Retaining of overhead networks pole			
436	ΥΔΡ 16.03	Construction of connector to concrete pipes for the connection of properties with the sewage network			
437	ΥΔΡ 16.04	Connection of a property with the sewage network using PVC/41 pipes with nominal diameter D160 mm	~~*ETEP 08-06-02-02*~~	Pressurized u-PVC pipe networks for sewage	PETEP 08-06-02-02
438	ΥΔΡ 16.05	Cleaning of rectangular, trough-shaped, oval and circular pipes from carried material and deposits			
		Repair of the front panel and the cover of type T sump (side opening)			
		Repair of sump with damaged front panel and covering, up to 35 cm wide			
439	ΥΔΡ 16.06.01.01	For the first side opening of the sump			
440	ΥΔΡ 16.06.01.02	For each additional opening			
		Repair of sump with damaged front panel and covering, wider than 35 cm			
441	ΥΔΡ 16.06.02.01	For the first side opening of the sump			
442	ΥΔΡ 16.06.02.02	For each additional opening			
		Fitting the sump grids to the level and gradient of the road pavement			
443	ΥΔΡ 16.07.01	For the first side opening of the sump			

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444	ΥΔΡ 16.07.02	For each additional opening			
		Cleaning a sump with side opening without a grid (type T)			
445	ΥΔΡ 16.08.01	Cleaning of single opening sump			
446	ΥΔΡ 16.08.02	Cleaning of sump – each additional opening			
447	ΥΔΡ 16.09	Reconstruction of pipe sections connecting the sump with the rainwater network	~~ETEP 08-06-08-03~~	Retrofitting of concrete paving slabs along constructed underground utility	PETEP 08-06-08-03
448	ΥΔΡ 16.10	Cutting off water supply from the hydrant			
449	ΥΔΡ 16.11	Installation or replacement of water supply manhole	~~ETEP 08-06-08-03~~	Retrofitting of concrete paving slabs along constructed underground utility	PETEP 08-06-08-03
450	ΥΔΡ 16.12	Repair of water supply manhole	~~ETEP 08-06-08-03~~	Retrofitting of concrete paving slabs along constructed underground utility	PETEP 08-06-08-03
451	ΥΔΡ 16.13	Repair of a leaking water supply connection	~~ETEP 08-06-08-03~~	Retrofitting of concrete paving slabs along constructed underground utility	PETEP 08-06-08-03
		Precast circular manholes for entrance to concrete sewage pipes per ELOT EN 1917, in residential areas			
452	ΥΔΡ 16.14.01	Manhole with interior diameter 1,20 m			
453	ΥΔΡ 16.14.02	Manhole with interior diameter 1,50 m			
454	ΥΔΡ 16.14.03	Manhole with interior diameter 1,80 m			
		Configuration of the connection of a new water supply pipe to an existing out of service cast iron or asbestos-cement pipe with a Tee piece			
455	ΥΔΡ 16.15.01	For existing pipe diameter Φ 80 or Φ 100 mm			
456	ΥΔΡ 16.15.02	For existing pipe diameter Φ 150 mm			
457	ΥΔΡ 16.15.03	For existing pipe diameter Φ 200 mm			
458	ΥΔΡ 16.15.04	For existing pipe diameter Φ 250 mm			
		Connection of a new water supply pipe to an existing in service pipe (not PE pipe) using stainless steel manson tool and high pressure drilling			
459	ΥΔΡ 16.16.01	For existing pipe diameter Φ 80 or Φ 100 mm			
460	ΥΔΡ 16.16.02	For existing pipe diameter Φ 150 mm			
461	ΥΔΡ 16.16.03	For existing pipe diameter Φ 200 mm			
		Connection of the new water supply pipe to an existing in service steel pipe network using the high pressure drilling method			
462	ΥΔΡ 16.17.01	For existing pipe diameter Φ 80 or Φ 100 mm			
463	ΥΔΡ 16.17.02	For existing pipe diameter Φ 150 mm			
464	ΥΔΡ 16.17.03	For existing pipe diameter Φ 200 mm			
465	ΥΔΡ 16.17.04	For existing pipe diameter Φ 250 mm			
		Connection of a new water supply pipe for the extension of an existing pipe made of any material, which has been disconnected from the network, using special pieces			

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466	ΥΔΡ 16.18.01	For existing pipe diameter Φ 80 or Φ 100 mm			
467	ΥΔΡ 16.18.02	For existing pipe diameter Φ 150 mm			
468	ΥΔΡ 16.18.03	For existing pipe diameter Φ 200 mm			
469	ΥΔΡ 16.18.04	For existing pipe diameter Φ 250 mm			
		Disconnection of the existing water supply pipe from the network			
470	ΥΔΡ 16.20.01	For existing pipe diameter Φ 80 mm			
471	ΥΔΡ 16.20.02	For existing pipe diameter Φ 100 mm			
472	ΥΔΡ 16.20.03	For existing pipe diameter Φ 150 mm			
473	ΥΔΡ 16.20.04	For existing pipe diameter Φ 200 mm			
		Installation of multiple distributor Φ63 on existing pipe to install water supplies			
474	ΥΔΡ 16.21.01	For a distance of the water mains access from the closest site of the manhole with the water meters ≤ 4,00 m	~~ETEP 08-06-08-03~~ ~~ETEP 08-06-08-04~~	Retrofitting of concrete paving slabs along constructed underground utility Retrofitting of kerbs and gutters along constructed underground utility	PETEP 08-06-08-03 PETEP 08-06-08-04
475	ΥΔΡ 16.21.02	For a distance of the water mains access from the closest site of the manhole with the water meters > 4,00 m	~~ETEP 08-06-08-03~~ ~~ETEP 08-06-08-04~~	Retrofitting of concrete paving slabs along constructed underground utility Retrofitting of kerbs and gutters along constructed underground utility	PETEP 08-06-08-03 PETEP 08-06-08-04
476	ΥΔΡ 16.22	Lowering or raising an existing water supply with copper pipes			
477	ΥΔΡ 16.27	Locating and adjusting the elevation of the valve manhole as to the road pavement			
478	ΥΔΡ 16.28	Cleaning the valve manhole			
		Cleaning type A sump with grid			
479	ΥΔΡ 16.30.01	Cleaning of type A sump (with grid and side opening) with a single opening			
480	ΥΔΡ 16.30.02	Cleaning of type A sump (with grid and side opening) for each additional opening			
481	ΥΔΡ 16.35	Filling the interior of the sump with repair mortar of cement base			
		Cleaning of sewage pipes using declogging machine			
482	ΥΔΡ 16.40.01	Cleaning of sewage pipe DN 200-300 mm			
483	ΥΔΡ 16.40.02	Cleaning of sewage pipe DN 315-400 mm			
484	ΥΔΡ 16.40.03	Cleaning of sewage pipe DN 450-600 mm			
485	ΥΔΡ 16.45	Digital video recording inside sewage pipes			
		Point repair of interior pipe walls using fiber glass, not including preparation works			
486	ΥΔΡ 16.50.01	Repair of pipe DN 200-250, along a length of up to 100 cm, with triple layer of fiber glass fiber 1100 gr/cm2, not including preparation works			

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487	ΥΔΡ 16.50.02	Repair of pipe DN 200-250, along a length of up to 100 cm, with four layers of fiber glass fiber, not including preparation works			
488	ΥΔΡ 16.50.03	Repair of pipe DN 200-250, along a length of 101 up to 180 cm, with triple layer of fiber glass fiber 1100 gr/cm2, not including preparation works			
489	ΥΔΡ 16.50.04	Repair of pipe DN 200-250, along a length of 101 up to 180 cm, with four layers of fiber glass fiber, not including preparation works			
490	ΥΔΡ 16.50.05	Repair of pipe DN 315-400, along a length of up to 100 cm, with triple layer of fiber glass fiber 1100 gr/cm2, not including preparation works			
491	ΥΔΡ 16.50.06	Repair of pipe DN 315-400, along a length of up to 100 cm, with four layers of fiber glass fiber, not including preparation works			
492	ΥΔΡ 16.50.07	Repair of pipe DN 315-400, along a length of 101 up to 180 cm, with triple layer of fiber glass fiber 1100 gr/cm2, not including preparation works			
493	ΥΔΡ 16.50.08	Repair of pipe DN 315-400, along a length of 101 up to 180 cm, with four layers of fiber glass fiber, not including preparation works			
		Interior pipe walls repair by gluing a fiber glass based fabric, including all preparation works			
494	ΥΔΡ 16.51.01	Repair of pipe DN 200-250, along a length of up to 100 cm, with fiber glass fiber 1100 gr/cm2, including all preparation works			
495	ΥΔΡ 16.51.02	Repair of pipe DN 200-250, along a length of up to 100 cm, with fiber glass fiber of high mechanical strength, including all preparation works			
496	ΥΔΡ 16.51.03	Repair of pipe DN 200-250, along a length of 101 up to 180 cm, with fiber glass fiber 1100 gr/cm2, including all preparation works			
497	ΥΔΡ 16.51.04	Repair of pipe DN 200-250, along a length of 101 up to 180 cm, with fiber glass fiber of high mechanical strength, including all preparation works			
498	ΥΔΡ 16.51.05	Repair of pipe DN 315-400, along a length of up to 100 cm, with fiber glass fiber 1100 gr/cm2, including all preparation works			
499	ΥΔΡ 16.51.06	Repair of pipe DN 315-400, along a length of up to 100 cm, with fiber glass fiber of high mechanical strength, including all preparation works			
500	ΥΔΡ 16.51.07	Repair of pipe DN 315-400, along a length of 101 up to 180 cm, with fiber glass fiber 1100 gr/cm2, including all preparation works			
501	ΥΔΡ 16.51.08	Repair of pipe DN 315-400, along a length of 100 up to 180 cm, with fiber glass fiber of high mechanical strength, including all preparation works			
		Repair of flow connections to the sewage network, via intervention from inside the pipe, without a trench			

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502	ΥΔΡ 16.52.01	Repair of side connections up to Φ160 to Φ200-600 ducts, not including preparation works			
503	ΥΔΡ 16.52.02	Repair of side connections up to Φ160 to Φ200-600 ducts, including all preparation works			
		Sewage pipe elastic coupler stainless steel shield			
504	ΥΔΡ 16.53.01	For pipes DN 200-250 mm			
505	ΥΔΡ 16.53.02	For pipes DN 315 mm			
506	ΥΔΡ 16.53.03	For pipes DN 400 mm			

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GROUP D:		**ELECTROMECHANICAL WORKS**			
		STREET LIGHTING INSTALLATIONS			
		Steel Street Lighting Columns			
507	ΗΛΜ 60.10.01.01	Steel Street Lighting Column 6.00 m high	ETEP 05-07-01-00 ETEP 05-07-02-00	Infrastructure for road lighting Road lighting columns and fixtures	
508	ΗΛΜ 60.10.01.02	Steel Street Lighting Column 9.00 m high	ETEP 05-07-01-00 ETEP 05-07-02-00	Infrastructure for road lighting Road lighting columns and fixtures	
509	ΗΛΜ 60.10.01.03	Steel Street Lighting Column 10.00 m high	ETEP 05-07-01-00 ETEP 05-07-02-00	Infrastructure for road lighting Road lighting columns and fixtures	
510	ΗΛΜ 60.10.01.04	Steel Street Lighting Column 12,00 m	ETEP 05-07-01-00 ETEP 05-07-02-00	Infrastructure for road lighting Road lighting columns and fixtures	
511	ΗΛΜ 60.10.01.05	Steel Street Lighting Column 15,00 m	ETEP 05-07-01-00 ETEP 05-07-02-00	Infrastructure for road lighting Road lighting columns and fixtures	
		Street lighting cement columns			
512	ΗΛΜ 60.10.02.01	Cement column, 5.00m high, external base diameter 185 mm, weighing 240 kg, on a base of 1.00x1.00m and 1.50m deep	ETEP 05-07-01-00 ETEP 05-07-02-00	Infrastructure for road lighting Road lighting columns and fixtures	
513	ΗΛΜ 60.10.02.02	Cement column, 6.00m high, external base diameter 200 mm, weighing 280 kg, on a base of 1.00x1.00m and 1.50m deep	ETEP 05-07-01-00 ETEP 05-07-02-00	Infrastructure for road lighting Road lighting columns and fixtures	
514	ΗΛΜ 60.10.02.03	Cement column, 7.00m high, external base diameter 215 mm, weighing 320 kg, on a base of 1.00x1.00m and 1.50m deep	ETEP 05-07-01-00 ETEP 05-07-02-00	Infrastructure for road lighting Road lighting columns and fixtures	
515	ΗΛΜ 60.10.02.04	Cement column, 9.00m high, external base diameter 245 mm, weighing 485 kg, on a base of 1.00x1.00m and 1.50m deep	ETEP 05-07-01-00 ETEP 05-07-02-00	Infrastructure for road lighting Road lighting columns and fixtures	
516	ΗΛΜ 60.10.02.05	Cement column, 10.00m high, external base diameter 260 mm, weighing 600 kg, on a base of 1.00x1.00m and 1.50m deep	ETEP 05-07-01-00 ETEP 05-07-02-00	Infrastructure for road lighting Road lighting columns and fixtures	
517	ΗΛΜ 60.10.02.06	Cement column, 11.00m high, external base diameter 275 mm, weighing 750 kg, on a base of 1.50x1.50m and 2.00m deep	ETEP 05-07-01-00 ETEP 05-07-02-00	Infrastructure for road lighting Road lighting columns and fixtures	
518	ΗΛΜ 60.10.02.07	Cement column, 12.00m high, external base diameter 290 mm, weighing 850 kg, on a base of 1.50x1.50m and 2.00m deep	ETEP 05-07-01-00 ETEP 05-07-02-00	Infrastructure for road lighting Road lighting columns and fixtures	
519	ΗΛΜ 60.10.02.08	Cement column, 13.00m high, external base diameter 305 mm, weighing 1000 kg, on a base of 1.50x1.50m and 2.00m deep	ETEP 05-07-01-00 ETEP 05-07-02-00	Infrastructure for road lighting Road lighting columns and fixtures	
520	ΗΛΜ 60.10.02.09	Cement column, 14.00m high, external base diameter 320 mm, weighing 1100 kg, on a base of 1.50x1.50m and 2.00m deep	ETEP 05-07-01-00 ETEP 05-07-02-00	Infrastructure for road lighting Road lighting columns and fixtures	
		Arm luminaires for street lighting with NaLP lamps semi cut-off			
521	ΗΛΜ 60.10.10.01	Wattage 180 W	ETEP 05-07-02-00	Road lighting columns and fixtures	
		Arm lighting fixtures for street lighting with NaHP lamps semi cut-off			
522	ΗΛΜ 60.10.20.01	Wattage 70 W	ETEP 05-07-02-00	Road lighting columns and fixtures	
523	ΗΛΜ 60.10.20.02	Wattage 100 W	ETEP 05-07-02-00	Road lighting columns and fixtures	
524	ΗΛΜ 60.10.20.03	Wattage 150 W	ETEP 05-07-02-00	Road lighting columns and fixtures	

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525	ΗΛΜ 60.10.20.04	Wattage 250 W	ETEP 05-07-02-00	Road lighting columns and fixtures	
526	ΗΛΜ 60.10.20.05	Wattage 400 W	ETEP 05-07-02-00	Road lighting columns and fixtures	
		Street lighting pillars			
527	ΗΛΜ 60.10.80.01	Four-output street lighting pillar	ETEP 05-07-01-00	Infrastructure for road lighting	
528	ΗΛΜ 60.10.80.02	Eight-output street lighting pillar	ETEP 05-07-01-00	Infrastructure for road lighting	
529	ΗΛΜ 60.10.80.03	Twenty-output street lighting pillar	ETEP 05-07-01-00	Infrastructure for road lighting	
530	ΗΛΜ 60.10.80.04	Twenty five-output street lighting pillar	ETEP 05-07-01-00	Infrastructure for road lighting	
531	ΗΛΜ 60.10.80.05	Thirty-output street lighting pillar	ETEP 05-07-01-00	Infrastructure for road lighting	
		Underground cables pulling and connecting manholes			
532	ΗΛΜ 60.10.85.01	Cable pulling manhole 40x40 cm			
533	ΗΛΜ 60.10.85.02	Cable pulling manhole 60x40 cm			
534	ΗΛΜ 60.10.85.03	Cable connecting manhole 120x80 cm			
		TRAFFIC LIGHTS			
		Installation of local traffic light controller			
535	ΗΛΜ 60.20.10.01	Installation of controller - Medium capacity pack - Up to sixteen (16) traffic light groups provided by the Service			
536	ΗΛΜ 60.20.10.02	Installation of controller - Medium capacity pack - Up to thirty two (32) traffic light groups provided by the Service			
537	ΗΛΜ 60.20.10.03	Supply and installation of controller - Medium capacity pack – Equipped with up to four (4) groups of traffic lights, expandable for use with corresponding structural output units, cabling etc., auxiliary equipment, up to sixteen (16) groups of traffic lights			
538	ΗΛΜ 60.20.10.04	Supply and installation of controller - Large capacity pack – Equipped with up to eight (8) groups of traffic lights, expandable for use with corresponding structural output units, cabling etc., auxiliary equipment, up to thirty two (32) groups of traffic lights			
539	ΗΛΜ 60.20.11	Supply and installation of an output unit for four (4) groups of traffic lights for extending the capacity of the controller			
540	ΗΛΜ 60.20.12	Inductive loop vehicle detector unit, capacity: four-channel detection			
		LED traffic lights			
541	ΗΛΜ 60.20.20.01	Small height traffic light for vehicles, three (3) luminous fields, diameter 200 mm, colored signals (red-amber-green) or (red-amber-amber)			
542	ΗΛΜ 60.20.20.02	Small height traffic light for pedestrians, two (2) luminous fields, Φ 200 mm, colored signals (red-green)			
543	ΗΛΜ 60.20.20.03	Small height warning traffic light, two (2) luminous fields, Φ 200 mm, colored signals (amber-amber)			
544	ΗΛΜ 60.20.20.04	Mounted traffic light for vehicles, three (3) luminous fields, Φ 300 mm, colored signals (red-amber-green) or (red-amber- amber)			
545	ΗΛΜ 60.20.20.05	Mounted warning traffic light, two (2) luminous fields, Φ 300 mm, colored signals (amber-amber)			

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		Traffic lights cabling			
546	ΗΛΜ 60.20.30.01	Supply, installation and electrical connection of a cable E1VV-R (NYY), stranded, cross-section 21X1.5 mm2			
547	ΗΛΜ 60.20.30.02	Supply, installation and electrical connection of a cable E1VV-R (NYY), stranded, cross-section 21X1,5 mm^2			
548	ΗΛΜ 60.20.30.03	Supply, installation and electrical connection of a cable E1VV-R (NYY), stranded, cross-section 5X1,5 mm^2			
549	ΗΛΜ 60.20.30.04	Supply, installation and electrical connection of a cable E1VV-R (NYY), stranded, cross-section 5X1,5 mm^2			
550	ΗΛΜ 60.20.30.05	Supply, installation and electrical connection of a cable A-2Y (L)2Y (PET), 2 to 4 pairs, cross-section of each conduit 0.6 mm2mm^2			
551	ΗΛΜ 60.20.30.06	Supply, installation and electrical connection of a cable A-2Y(L)2Y (PET), 6 to 10 pairs, cross-section of each conduit 0.6 mm2			
552	ΗΛΜ 60.20.35	Detector loop structure in the asphalt pavement			
		Infrastructure works for traffic lights			
553	ΗΛΜ 60.20.40.01	Steel, galvanized cable conduits for traffic lights Nominal diameter DN 50 mm (thread: 2''), 3.2 mm thick			
554	ΗΛΜ 60.20.40.02	Steel, galvanized cable conduits for traffic lights Nominal diameter DN 63 mm, thread: 2½'', 3.6 mm thick			
555	ΗΛΜ 60.20.40.11	HDPE Conduits for the protection of traffic lights underground cables Diameter DN 63 mm			
556	ΗΛΜ 60.20.40.12	HDPE Conduits for the protection of traffic lights underground cables Diameter DN DN 90 mm			
557	ΗΛΜ 60.20.40.21	Supply and installation of copper plate earth electrode			
558	ΗΛΜ 60.20.40.31	Traffic lights manhole structure, 0.40 x 0.40 cm			
559	ΗΛΜ 60.20.40.41	Supply and installation of a cross-connection cabinet housing the PPC power consumption meter, type IA			
560	ΗΛΜ 60.20.40.51	Supply, installation and connection of a switchboard feeding the traffic lighting structure within a cabinet, type IA			
		Traffic light signal columns			
561	ΗΛΜ 60.20.50.01	Installation or dismantling of simple traffic light signal columns			
562	ΗΛΜ 60.20.50.02	Installation or dismantling of a traffic light signal column with arm			
563	ΗΛΜ 60.20.50.11	Supply of simple traffic light signal column, galvanized			
564	ΗΛΜ 60.20.50.12	Supply of traffic light signal columns, galvanized			
565	ΗΛΜ 60.20.50.20	Drilling of holes to an installed signaling column			
566	ΗΛΜ 60.20.50.30	Construction of traffic light cable routing underneath the road pavement			
567	ΗΛΜ 60.20.50.40	Construction of traffic light cable routing underneath the sidewalk			

No.	Item	Work type	Valid ETEP No. (Black) ~~Καταργημένες (Γκρι)~~	Title of PETEP (underlined) or ETEP, if PETEP not available	PETEP No. (underlined) CIRCULAR 17
		Traffic signaling accessories			
568	ΗΛΜ 60.20.75.01	Supply and installation of a button for pedestrians			
		Movable worksite signaling rigs			
569	ΗΛΜ 60.20.90.01	Towed signaling rig for worksites of roadworks, dimensions 2.55 x 1.70 m			
570	ΗΛΜ 60.20.90.02	Towed signaling rig for worksites of roadworks, dimensions 3.70 x 2.20 m			
571	ΗΛΜ 60.20.90.10	Movable traffic signaling unit			
		MAINTENANCE OF LIGHTING INSTALLATIONS			
		Removal of steel lighting poles			
572	ΗΛΜ 62.10.01.01	Removal and transportation of a pole, up to 14.00m high			
573	ΗΛΜ 62.10.01.02	Removal and transportation of a pole, from 14.01 m up to 20.00 m high			
		De-installation and removal of concrete lighting poles			
574	ΗΛΜ 62.10.02.01	Removal and transportation of a pole up to 12.00 m high			
575	ΗΛΜ 62.10.02.02	Removal and transportation of a pole from 14 m to 20 m high			
		Removal of lighting fixtures			
576	ΗΛΜ 62.10.03.01	Removal of a lighting fixture from the arm or the top of an installed pole			
		Removal of arms			
577	ΗΛΜ 62.10.04.01	Removal of the arm from an installed pole with or without lighting fixtures			
578	ΗΛΜ 62.10.04.02	Removal of the arm from a pole laying on the ground with or without lighting fixtures			
		Cleaning of Na vapor lighting fixtures			
579	ΗΛΜ 62.10.10.01	Cleaning of lighting fixtures installed at a height of up to 8.0m from the work floor			
580	ΗΛΜ 62.10.10.02	Cleaning of lighting fixtures installed at a height above 8.0m from the work floor			
		Re-painting the lighting steel poles on site the Project			
581	ΗΛΜ 62.10.15.01	Re-painting of a pole up to 12 m high, installed			
582	ΗΛΜ 62.10.15.02	Re-painting of a pole from 14 m to 20 m high, installed			
583	ΗΛΜ 62.10.15.11	Re-painting of a pole up to 12 m high, laying on the ground and returning it to the upright position			
584	ΗΛΜ 62.10.15.12	Re-painting of a pole from 14m up to 20m high, laying on the ground and returning it to the upright position			
		Replacement of high pressure Na vapour bulbs			
585	ΗΛΜ 62.10.26.01	Wattage 70W			
586	ΗΛΜ 62.10.26.02	Wattage 150W			
587	ΗΛΜ 62.10.26.03	Wattage 250W			
588	ΗΛΜ 62.10.26.04	Wattage 400W			

No.	Item	Work type	Valid ETEP No. (Black) ~~Καταργημένες (Γκρι)~~	Title of PETEP (underlined) or ETEP, if PETEP not available	PETEP No. (underlined) CIRCULAR 17
		Asymmetrical beam street floodlights for high pressure Na vapour bulbs			
589	ΗΛΜ 62.10.30.01	Wattage 250W / 400 W			
		Replacement of instruments on lighting pillar	,		
590	ΗΛΜ 62.10.35.01	Replacement of fuse links at a lighting pillar			
591	ΗΛΜ 62.10.35.02	Fuse replacement in a terminal box on a lighting pillar			
592	ΗΛΜ 62.10.35.03	Replacement of rail-mounted load breakers			
593	ΗΛΜ 62.10.35.04	Replacement of rail-mounted automatic fuses			
594	ΗΛΜ 62.10.35.05	Replacement of rail type indication bulb			
595	ΗΛΜ 62.10.35.06	Replacement of cable gland			
596	ΗΛΜ 62.10.35.07	Replacement of rail on electrical switchboard			
597	ΗΛΜ 62.10.35.08	Replacement of load relays			
598	ΗΛΜ 62.10.35.09	Replacement of light sensor			
599	ΗΛΜ 62.10.36	Re-painting of lighting pillars			
600	ΗΛΜ 62.10.37	Repair of the pillar's main body and hatch and/or hatch replacement			
		Type H05VV-U, -R (NYM) cables, nominal voltage 300/500V with PVC insulating sheath			
601	ΗΛΜ 62.10.40.01	cross section 3 x 1,5 mm²			
602	ΗΛΜ 62.10.40.02	cross section 3 x 2,5 mm²			
603	ΗΛΜ 62.10.40.03	cross section 4 x 1,5 mm²			
		Type E1VV-U, -R, -S (NYY) cables, nominal voltage 600/1000 V, with PVC insulating sheath			
604	ΗΛΜ 62.10.41.01	cross section 3 x 1,5 mm²			
605	ΗΛΜ 62.10.41.02	cross section 3 x 2,5 mm²			
606	ΗΛΜ 62.10.41.03	cross section 4 x 1,5 mm²			
607	ΗΛΜ 62.10.41.04	cross section 4 x 10 mm²			
		Bare multi-core copper conductors			
608	ΗΛΜ 62.10.48.01	cross section 6 mm²			
609	ΗΛΜ 62.10.48.02	cross section 10 mm²			
610	ΗΛΜ 62.10.48.03	cross section 25 mm²			
		TRAFFIC SIGNALLING MAINTENANCE			
611	ΗΛΜ 62.20.10	Replacement of outer case of cross connection type IA cabinet			
612	ΗΛΜ 62.20.20	Repair of a bended simple lighting pole			
613	ΗΛΜ 62.20.30	Supply and installation of type E ή J1VV-R or U 21x1,5 mm2 cable connector			
614	ΗΛΜ 62.20.40	Supply and installation of remote control cable connector			
615	ΗΛΜ 62.20.50	Supply and installation or replacement of the base of the signaling controller			