	ARCHAREOLOGICAL WORKS AND PUO NETWORK DIVERSIO VEIKOU-GOUDI" OF LINE 4	NS ON SECTIO	N A' "	ALSOS
TKO METPO A.E.	ANNEX I: SUMMARY DESIGN PRICE	E LIST		
Relevant Design Item	Type of Work	Rev. Item	Unit	Price
	Relevant Design	VEIKOU-GOUDI" OF LINE 4 IKO METPO A.E. ANNEX I: SUMMARY DESIGN PRICE Relevant Design Type of Work	VEIKOU-GOUDI" OF LINE 4 IKO METPO A.E. ANNEX I: SUMMARY DESIGN PRICE LIST Relevant Design Type of Work Rev. Item	IKO METPO A.E. Relevant Design Type of Work Rev. Item Unit

No.	Item	Type of Work	Rev. Item	Unit	Price
GRO	OUP A: EARTHW	 ORKS, WORKS FOR ADDRESSING WATER, RETAINING WO	RKS. GREEN	RELA	TED
		VING WORKS, ASPHALT WORKS, SIGNAGE – SAFETY			
		LOADING / UNLOADING			
1	YΔP 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			manus de constitución de const
		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.			
6	ΥΔΡ 3.10.01.04	For trench depth from 6.01 up to 8.00 m Bottom width up to 3.00 m, side disposal of the excavation spoils. For trench depth from 8.01 up to 10.00 m	YΔP 6081.3	m3	11,90
		or trench depart from 6.01 up to 10.00 m	YΔP 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			, ,
			YΔP 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			
9	YΔP 3.10.02.03	Bottom width up to 3.00 m, loading the excavation spoil to a vehicle,	ΥΔΡ 6081.2	m3	10,00*
Э	1ΔP 3.10.02.03	vehicle's idleness and transportation at any distance For trench depth from 6.01 up to 8.00 m			
10	YΔP 3.10.02.04	Detters width up to 2.00 m. leading the everyation analyte a valuable	ΥΔΡ 6081.3	m3	13,30*
10	1AP 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			
			YΔP 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			
			YΔP 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	YΔP 6083.2	m3	6,70
13	YΔP 3.10.03.03	Bottom width from 3.01 up to 5.00 m, side disposal of the excavation	ТДГ 0000.2	1110	0,70
		spoil For trench depth from 6.01 up to 8.00 m	ΥΔΡ 6083.3	m3	9,00
14	YΔP 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	YΔP 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	121 0000.1	1110	10,00
		For trench depth up to 4.00 m	VAD 6000 4	m-0	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	ΥΔΡ 6083.1	m3	4,50*
		For trench depth from 4.01 up to 6.00 m	\/A D 2222 5	_	
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	ΥΔΡ 6083.2	m3	7,10*
		For trench depth from 6.01 up to 8.00 m	ΥΔΡ 6083.3	m3	10,00*
			1121 0000.0	1 1110	10,00

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	VA D 0000 4		10.10*
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 6083.4	m3	12,40*
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 6085.1	m3	2,50
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 6085.2	m3	4,30
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 6085.3	m3	6,20
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 6085.4	m3	7,90
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 6085.1	m3	2,70*
25	ΥΔP 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 6085.2	m3	4,60*
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 6085.3	m3	6,50*
		Trench excavations for utility networks in rocky soil	ΥΔΡ 6085.4	m3	8,60*
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			
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 6082.3	m3	28,50
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 6082.4	m3	30,90
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 6082.1	m3	24,20*
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 6082.2	m3	26,60*
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 6082.3	m3	29,00*
·····		·	ΥΔΡ 6082.4	m3	31,40*
35	YΔP 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

No.	Relevant Design Item	Type of Work	Rev. Item	Unit	Price
					1000 10100100 10100 10100 10100 10100 10100 10100 10100 10100 10100 10100 10100 10100 10100 10100 10100 10100
36	YΔP 3.11.03.02	Bottom width from 3.01 up to 5.00 m, side disposal of the excavation			22.22
0.7	VAD 0.44.00.00	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	\/A D 000 4 0		00.00
38	ΥΔΡ 3.11.03.04	spoil For trench depth from 6.01 up to 8.00 m Bottom width from 3.01 up to 5.00 m, side disposal of the excavation	ΥΔΡ 6084.3	m3	22,80
36	1ΔΡ 3.11.03.04	spoil For trench depth from 8.01 up to 10.00 m	YΔP 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	125 0004.4	1113	24,70
		vehicle, vehicle's idleness and transportation at any distance			
		For trench depth up to 4.00 m			
			YΔP 6084.1	m3	19,50*
40	YΔP 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			
41	ΥΔΡ 3.11.04.03	Bottom width from 3.01 up to 5.00 m, loading the excavation spoil to a	ΥΔΡ 6084.2	m3	21,40*
41	1ΔΡ 3.11.04.03	vehicle, vehicle's idleness and transportation at any distance			
		For trench depth from 6.01 up to 8.00 m			
			YΔP 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	YΔP 3.11.05.01	Bottom width over 5.00 m, side disposal of excavation spoil			
		For trench depth up to 4.00 m	YΔP 6086.1	m3	11 40
44	YΔP 3.11.05.02	Bottom width over 5.00 m, side disposal of excavation spoil	ΤΔΡ 0000.1	1113	11,40
	121 0.11.00.02	For trench depth from 4.01 up to 6.00 m			
			YΔP 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			
			YΔP 6086.3	m3	14,30
46	YΔP 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	VAD 0000 4	0	45.70
47	YΔP 3.11.06.01	Bottom width over 5.00 m, loading the excavation spoil to a vehicle,	ΥΔΡ 6086.4	m3	15,70
7'	121 3.11.00.01	vehicle's idleness and transportation at any distance			
		For trench depth up to 4.00 m			
			YΔP 6086.1	m3	11,90*
48	YΔP 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			
40	VAD 244 00 02	Dettern width even 5.00 m. leading the everytion and it a cyclicia	ΥΔΡ 6086.2	m3	13,30*
49	YΔP 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			
			YΔP 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			
			YΔP 6086.4	m3	16,20*
51	YΔP 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	VAD 0007		44.00
52	ΥΔΡ 3.13	Increase in the prices pertaining to trench excavations for utility networks	ΥΔΡ 6087	m	14,30
32	121 0.10	in any type of soil for the execution of works under space constraints			
		, ,,,	YΔP 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	YΔP 6082.1	m	76,00
54	ΥΔΡ 3.14.02	Boring of an Φ 250 mm hole	ΥΔΡ 6082.1	m	95,00
55	YΔP 3.14.03	Boring of an Φ 400 mm hole	ΥΔΡ 6082.1	m	143,00
56 57	YΔP 3.16 YΔP 3.17	Excavation spoil laying	ΥΔΡ 6070	m3	0,19
57	1ΔΕ 3.1/	Excavation of foundations for technical structures in earthy, semi-rocky soil	YΔP 6054	m3	1,90*
<u> </u>	<u> </u>	<u> </u>	1141 0004	1110	1,50

198 Olix 20.07 Individual excavations (monoblock concrete walls)	No.	Relevant Design Item	Type of Work	Rev. Item	Unit	Price
Without the use of explosives (only percussion machine) YAP 60055 m3 23,86	58	VAP 3 18 01	Excavation of foundations for technical structures in rocky soil			
Sep Dik 20.07 Individual excavations (monoblock concrete wails) Oik-2135.1 m² 20.06	30	1Д1 3.10.01				
SP OK 20.07 Individual excavations (monoblock concrete walls)						
DEMOLITIONS - DISMANTLING - RELOCATIONS				ΥΔΡ 6055		23,80*
15.80 Dismantling of structures with reinforced concrete bearing elements (up to 4.00 A -6.1 to 1.00 A -6.2 Dismantling of brok-made structures etc. Olik-2227 to m² 15.86	59	OIK 20.07		OIK-2135.1	m ³	20,00*
6.4 OM high OM 20 20 20 20 20 20 20 2						
61 OAO A-G Dismanting of brick-made structures etc. OIK.2275 m³ 10,80 62 OAO A-7 Dismanting of structures made of steel OIK.2275 m³ 7,77 63 OAO A-8 Dismanting of metal sheet structures with wooden frame OIK.2275 m³ 5,44 64 OAO A-9 Dismanting of chair link frecing OIK.6448 m 5,44 65 OAO A-10 Dismanting of chair link frecing OIK.6448 m 5,44 66 OAO A-12 Dismanting of reinforced concrete OIK.6448 m 5,44 67 VAP 4.01.01 Ordinary precision, use of air-compressors and other conventional means (hydraulic hammers, compressors and other conventional means (hydraulic hammers, compressors and other conventional means (hydraulic hammers, compressors) 74P 6082.1 m³ 38,00 68 VAP 4.01.02 Particular precision requirements, use of special equipment of undisturbed out of concrete (wire cutters, disc cutters, themal lance cutting), water jet cutting) 74P 6082.1 m³ 78,00 70 VAP 4.04 Dismanting of sidewalks slab pawing VAP 6082.1 m³ 78,00 78,72 78,7	60	OΔO A-5.1		OIK 2227	m ³	15 80*
63 OΔO A-7 Dismantling of structures made of steel OIK-2275 m³ 5.7,76	61	ΟΔΟ Α-6		_		
30 AOA A						
GAO A 9 Dismantling of compact fencing Oik-64287 mm 5.48			-			
66 OAO A-10 Dismantling of chain link fencing Olk-6448 m 64 OAO A-12 Dismantling of individual members or sections of structures made of reinforced concrete Olk-2227 m³ 21,90						
Dismantling of individual members or sections of structures made of reinforced concrete co	***********					5,40
Dismantling of individual members or sections of structures made of reinforced concrete	66	OΔO A-12	Dismantling of reinforced concrete	OIK-2227	m ³	21,90*
means (hydraulic hammer, compressed – air tools, electrical tools, etc.) YΔP 6082.1 m3 38.00						
Raticular precision requirements, use of special equipment of undisturbed cut of concrete (wire cutters, disc cutters, thermal lance cutting, water jet cutting) Particular precision requirements, use of special equipment of undisturbed cut of concrete (wire cutters, disc cutters, thermal lance cutting, water jet cutting) Particular precision requirements, use of special equipment of undisturbed cut of concrete (wire cutters, disc cutters, thermal lance cutting, water jet cutting) Particular precision requirements Particular precision	67	ΥΔΡ 4.01.01				
Faircular precision requirements, use of special equipment of undisturbed cut of concrete (wire cutters, disc cutters, thermal lance cutting), water jet cutting) YΔP 4.04 Dismantling of sidewalks' slab paving YΔP 6807 M2P 6808 μ			integral (nyaragile nammer, compressed all tools, clearing tools, ctc.)	ΥΛΡ 6082.1	m3	38.00*
undisturbed cut of concrete (wire cutters, disc cutters, thermal lance cutting, water jet cutting) 76.09 YΔP 4.04 Dismantiling of sidewalks' slab paving YΔP 6807 m2 11.44 770 YΔP 4.05 Dismantiling of curbs, pre-cast or not YΔP 6807 m2 11.44 771 YΔP 4.13 Dismantiling of curbs, pre-cast or not YΔP 6802.1 m3 19.00 772 YΔP 4.14 Dismantiling of structures made of non-reinforced concrete YΔP 6808.1 m3 19.00 773 OIK 2.2.56.2 Dismantiling of stonewall or brickwall YΔP 6081.1 m3 10.50 774 OIK N.22.56.1 Dismantiling of MSA 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 OIK-2275 pc 1.065.6 775 OIK N.22.56.2 Dismantiling with due attention of kiosks, whose relocation is imposed due to the Project needs, including the respective ticket selling facilities and their re-positioning at new locations OIK-2275 pc 1.065.6 OIK N.22.56.3 Dismantiling, 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 777 YΔP 6.01.01.01 Power µ0 to 1.0 HP YΔP 610.1 0.1.02 Power µ0 to 1.0 HP YΔP 610.1 0.1.02 Power µ0 to 1.0 HP YΔP 610.1 0.1.04 Power y0 to 1.0 LO Power µ0 to 1.0 HP YΔP 610.1 0.1.05 Power µ0 to 1.0 LO Power µ0 to 1.0 HP YΔP 610.1 0.1.06 Power µ0 to 1.0 KW(HP) XAP 6.0 1.0 0.1.07 Power µ0 to 1.0 KW(HP) XAP 6.0 1.0 0.1.09 Power 1.0 to 2.0 HP YΔP 6.0 1.0 0.2 Power 1.0 to 2.5 KW(HP) YΔP 6.0 1.0 0.2 Power 1.0 to 2.5 KW(HP) YΔP 6.0 1.0 0.2 Power 1.0 to 2.5 KW(HP) YΔP 6.0 1.0 0.2 Power 1.0 to 2.5 KW(HP) YΔP 6.0 0.0 0.2 Power 1.0 to 2.5 KW(HP) YΔP 6.0 0.0 0.0 Power 9.0 to 1.0 KW(HP) YΔP 6.0 0.0 0.0 Power 9.0 to 1.0 KW(HP) YΔP 6.0 0.0 0.0 Power 9.0 to 1.0 KW(HP) YΔP 6.0 0.	68	YΔP 4.01.02	Particular precision requirements, use of special equipment of	12. 0002.1		00,00
66 YAP 4.05 Dismantling of sidewalks' slab paving YAP 4.05 Dismantling of curbs, pre-cast or not YAP 6808 YAP 6808 YAP 6808 YAP 6808 YAP 6808 YAP 6413 Dismantling of structures made of non-reinforced concrete YAP 6082.1 m3 19.05 YAP 4.14 Dismantling of structures made of non-reinforced concrete YAP 6082.1 m3 19.05 YAP 6081.1						
70				YΔP 6082.1	m3	76,00*
71					 	11,40*
72 YΔP 4.14 Dismantling of stonewall or brickwall NΔP 6081.1 m3 10.56	*************************					3,00*
73 OIK 22.65.02 Dismantling of metallic balustrades OIK 22.65.1 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 OIK 22.75 pc 1.065,6 75 OIK 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 OIK 22.75 pc 1.127,2 76 OIK 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 OIK-2275 pc 16,3	***************************************					
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	***********					0,30
imposed due to the Project needs, including the respective ticket selling facilities and their appurtenances, and their re-positioning at new locations OIK N.22.56.2 Dismantling with due attention of klosks, whose relocation is imposed due to the Project needs, including the klosks ancillary structures / facilities and their re-positioning at new locations OIK 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 YΔP 6.01.01.01 Power up to 1.0 HP YΔP 6.01.01.02 Power 1.0 to 2.0 HP YΔP 6.01.01.02 Power 1.0 to 2.0 HP YΔP 6.01.01.05 Power 10.0 to 2.0 HP YΔP 6.01.01.05 Power 10.0 to 2.0 HP YΔP 6.01.01.05 Power 10.0 to 2.0 HP YΔP 6.01.02.01 Power 3.0 to 1.0 KW(HP) YΔP 6.01.02.02 Power 3.0 to 1.0 KW(HP) YΔP 6.01.02.05 Power 3.0 to 1.0 KW(HP) YΔP 6.02.01.01 pumping station with 4 well points YΔP 6.02.01.01 pumping station with 4 well points YΔP 6.02.02.02 20 So KW pumping station based on the installed power PAP 6.02.02.02 20 So KW pumping station Operation of the pumping station based on the installed power PAP 6.02.02.02 20 So KW pumping station				OII (ZZ7 o	N9	0,00
Coations Coations Colic Coli						
75 OIK 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 OIK-2275 pc 1.127,2 76 OIK 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 OIK-2275 pc 16,3						
due to the Project needs, including the kiosks ancillary structures / facilities and their re-positioning at new locations OIK -2275 pc 1.127,2 76 OIK 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 OIK-2275 pc 16,3 WORKS FOR ADDRESSING WATER Operation of worksite pumping stations Diesel or gas-driven pumping stations Diesel or gas-driven pumping stations 77 YΔP 6.01.01.01 Power up to 1,0 HP YΔP 6106 h 3,44 78 YΔP 6.01.01.02 Power 1,0 to 2,0 HP YΔP 6108 h 5.11 80 YΔP 6.01.01.04 Power 5,0 to 10,0 HP YΔP 6109 h 8,66 81 YΔP 6.01.02.01 Power up to 1,0 KW(HP) YΔP 6110 h 14,36 Pumping stations, motorized 82 YΔP 6.01.02.01 Power up to 1,0 KW(HP) YΔP 6106 h 4,36 83 YΔP 6.01.02.02 Power 1,0 to 2,5 KW(HP) YΔP 6106 h 4,36 84 YΔP 6.01.02.03 Power 3,0 to 5,0 KW(HP) YΔP 6107 h 5,11 85 YΔP 6.01.02.04 Power 3,0 to 5,0 KW(HP) YΔP 6108 h 6,86 86 YΔP 6.01.02.05 Power 3,0 to 5,0 KW(HP) YΔP 6109 h 8,86 87 YΔP 6.01.02.04 Power 5,0 to 7,5 KW(HP) YΔP 6109 h 8,86 88 YΔP 6.01.02.05 Power 8,0 to 10,0 KW(HP) YΔP 6100 h 10,30 Coperation of the pumping station based on the number of well points 87 YΔP 6.02.01.01 pumping station with 4 well points 88 YΔP 6.02.02.01 pumping station with 4 well points 90 YΔP 6.02.02.02 20 S0 kW pumping station Operation of the pumping station Dased on the installed power 89 YΔP 6.02.02.02 20 S0 kW pumping station OPERATION AND AND AND AND AND AND AND AND AND AN				OIK-2275	рс	1.065,63
Facilities and their re-positioning at new locations OIK-2275 pc 1.127,2	75	OIK N.22.56.2				
76 OIK 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				OIK 2275	20	1 107 07
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 YΔP 6.01.01.01 Power up to 1.0 HP YΔP 6106 h 3,44 78 YΔP 6.01.01.02 Power 1,0 to 2,0 HP YΔP 6107 h 4,34 80 YΔP 6.01.01.03 Power 2,0 to 5,0 HP YΔP 6108 h 5,10 80 YΔP 6.01.01.04 Power 5,0 to 10,0 HP YΔP 6109 h 8,66 81 YΔP 6.01.01.05 Power 10,0 to 20,0 HP YΔP 6110 h 14,30 **Pumping stations, motorized** **Pumping stations, motorized** **Pumping stations, motorized** **PAP 6.01.02.01 Power 1,0 to 2,5 KW(HP) YΔP 6106 h 4,36 83 YΔP 6.01.02.02 Power 1,0 to 2,5 KW(HP) YΔP 6107 h 5,11 84 YΔP 6.01.02.03 Power 3,0 to 5,0 KW(HP) YΔP 6107 h 5,86 85 YΔP 6.01.02.04 Power 5,0 to 7,5 KW(HP) YΔP 6108 h 6,86 86 YΔP 6.01.02.05 Power 3,0 to 5,0 KW(HP) YΔP 6109 h 8,66 87 YΔP 6.01.02.06 Power 5,0 to 7,5 KW(HP) YΔP 6109 h 8,66 87 YΔP 6.02.01.01 pumping station based on the number of well points **Pumping station with 4 well points system, per day of system operation **Operation of the pumping station based on the number of well points **PAP 6.02.01.02 pumping station with 4 well points **PAP 6.02.02.01 20 kW pumping station based on the installed power **PAP 6.02.02.02 50 kW pumping station based on the installed power **PAP 6.02.02.02 50 kW pumping station pased on the slopes of open excavations, operation load 400-500 kN and length 20 m YΔP-7024 m 57,000.	76	OIK N 22 56 3		OIK-22/5	ρc	1.121,21
Until their re-positioning and delivery to AM OIK-2275 pc 16,3	, ,	OII 11.22.00.0				
WORKS FOR ADDRESSING WATER			1	OIK-2275	рс	16,35
Diesel or gas-driven pumping stations			WORKS FOR ADDRESSING WATER			
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78 YΔP 6.01.01.02 Power 1,0 to 2,0 HP YΔP 6107 h 4,36 79 YΔP 6.01.01.03 Power 2,0 to 5,0 HP YΔP 6108 h 5,10 80 YΔP 6.01.01.04 Power 5,0 to 10,0 HP YΔP 6109 h 8,60 81 YΔP 6.01.01.05 Power 10,0 to 20,0 HP YΔP 6110 h 14,30 82 YΔP 6.01.02.01 Power up to 1,0 KW(HP) YΔP 6106 h 4,30 83 YΔP 6.01.02.02 Power up to 1,0 KW(HP) YΔP 6107 h 5,11 84 YΔP 6.01.02.03 Power 3,0 to 5,0 KW(HP) YΔP 6108 h 6,80 85 YΔP 6.01.02.04 Power 5,0 to 7,5 KW(HP) YΔP 6109 h 8,60 86 YΔP 6.01.02.05 Power 8,0 to 10,0 KW(HP) YΔP 6109 h 8,60 86 YΔP 6.02.01.01 pumping station based on the number of well points yΔP 6110 h 10,30 87 YΔP 6.02.01.02 pumping station with 4 well points YΔP 6110 HΔ 330,00 89 YΔP						
79 YΔP 6.01.01.03 Power 2,0 to 5,0 HP YΔP 6108 h 5,10	************	***************************************				3,40
80 YΔP 6.01.01.04 Power 5,0 to 10,0 HP YΔP 6109 h 8,60	***************************************					4,30
81 YΔP 6.01.01.05 Power 10,0 to 20,0 HP Pumping stations, motorized						
Pumping stations, motorized R2 YΔP 6.01.02.01 Power up to 1,0 KW (HP) YΔP 6106 h 4,30						
82 YΔP 6.01.02.01 Power up to 1,0 KW(HP) 83 YΔP 6.01.02.02 Power 1,0 to 2,5 KW(HP) 84 YΔP 6.01.02.03 Power 3,0 to 5,0 KW(HP) 85 YΔP 6.01.02.04 Power 5,0 to 7,5 KW(HP) 86 YΔP 6.01.02.05 Power 8,0 to 10,0 KW(HP) 87 YΔP 6109 h 8,660 Lowering groundwater level using the well points system, per day of system operation 87 YΔP 6.02.01.01 pumping station with 4 well points 88 YΔP 6.02.01.02 pumping station with 8 well points 89 YΔP 6.02.02.01 20 kW pumping station based on the installed power 89 YΔP 6.02.02.01 20 kW pumping station 90 YΔP 6.02.02.02 50 kW pumping station ANCHORING 91 OΔO B-21.1 Permanent pre-stressed rock anchoring of the slopes of open excavations, operation load 400-500 kN and length □ 20 m YΔP 6107 h 4,330 4,30 4,						11,00
84 YΔP 6.01.02.03 Power 3,0 to 5,0 kW (HP) YΔP 6108 h 6,86 85 YΔP 6.01.02.04 Power 5,0 to 7,5 kW (HP) YΔP 6109 h 8,66 86 YΔP 6.01.02.05 Power 8,0 to 10,0 kW (HP) YΔP 6110 h 10,30	82	ΥΔΡ 6.01.02.01	Power up to 1,0 KW(HP)		h	4,30
85 YΔP 6.01.02.04 Power 5,0 to 7,5 KW(HP) 86 YΔP 6.01.02.05 Power 8,0 to 10,0 KW(HP) 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 YΔP 6.02.01.01 pumping station with 4 well points PAP 6.02.01.02 pumping station with 8 well points Operation of the pumping station based on the installed power 89 YΔP 6.02.02.01 20 kW pumping station Operation of the pumping station based on the installed power 89 YΔP 6.02.02.01 20 kW pumping station ANCHORING Permanent pre-stressed rock anchoring of the slopes of open excavations, operation load 400-500 kN and length □ 20 m YΔP-7024 m 57,00	83				h	5,10
R6 YΔP 6.01.02.05 Power 8,0 to 10,0 KW(HP) 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 YΔP 6.02.01.01 pumping station with 4 well points YΔP 6.02.01.02 pumping station with 8 well points YΔP 6.02.01.02 pumping station with 8 well points YΔP 6.02.02.01 20 kW pumping station based on the installed power PΔP 6.02.02.02 20 kW pumping station YΔP 6.02.02 20 kW pu						6,80
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 YΔP 6.02.01.01 pumping station with 4 well points 88 YΔP 6.02.01.02 pumping station with 8 well points Operation of the pumping station based on the installed power 89 YΔP 6.02.02.01 20 kW pumping station 90 YΔP 6.02.02.02 50 kW pumping station ANCHORING 91 OΔO B-21.1 Permanent pre-stressed rock anchoring of the slopes of open excavations, operation load 400-500 kN and length □ 20 m YΔP-7024 m 57,00						
of system operation Operation of the pumping station based on the number of well points 87 YΔP 6.02.01.01 pumping station with 4 well points YΔP 6110 HΔ 330,00 88 YΔP 6.02.01.02 pumping station with 8 well points YΔP 6110 HΔ 620,00 Operation of the pumping station based on the installed power VΔP 6110 HΔ 330,00 90 YΔP 6.02.02.01 20 kW pumping station YΔP 6110 HΔ 330,00 90 YΔP 6.02.02.02 50 kW pumping station YΔP 6110 HΔ 620,00 ANCHORING 91 OΔO B-21.1 Permanent pre-stressed rock anchoring of the slopes of open excavations, operation load 400-500 kN and length □ 20 m YΔP-7024 m 57,00	00	1ΔΡ 0.01.02.05		ΥΔΡ 6110	П	10,30
87 YΔP 6.02.01.01 pumping station with 4 well points YΔP 6110 HΔ 330,00 88 YΔP 6.02.01.02 pumping station with 8 well points YΔP 6110 HΔ 620,00 89 YΔP 6.02.02.01 20 kW pumping station based on the installed power YΔP 6110 HΔ 330,00 90 YΔP 6.02.02.02 50 kW pumping station YΔP 6110 HΔ 620,00 ANCHORING ANCHORING Permanent pre-stressed rock anchoring of the slopes of open excavations, operation load 400-500 kN and length □ 20 m YΔP-7024 m 57,00			of system operation			
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Operation of the pumping station based on the installed power	***********					330,00
89 YΔP 6.02.02.01 20 kW pumping station YΔP 6110 HΔ 330,00 90 YΔP 6.02.02.02 50 kW pumping station YΔP 6110 HΔ 620,00 ANCHORING 91 OΔO B-21.1 Permanent pre-stressed rock anchoring of the slopes of open excavations, operation load 400-500 kN and length □ 20 m YΔP-7024 m 57,00	88	ΥΔΡ 6.02.01.02		ΥΔΡ 6110	НΔ	620,00
90 YΔP 6.02.02.02 50 kW pumping station YΔP 6110 HΔ 620,00 ANCHORING 91 OΔO B-21.1 Permanent pre-stressed rock anchoring of the slopes of open excavations, operation load 400-500 kN and length □ 20 m YΔP-7024 m 57,00	20	YAP 6 02 02 01		VAD 6110	μл	330 00
ANCHORING 91 OΔO B-21.1 Permanent pre-stressed rock anchoring of the slopes of open excavations, operation load 400-500 kN and length □ 20 m YΔP-7024 m 57,00	***********					
91 OΔO B-21.1 Permanent pre-stressed rock anchoring of the slopes of open excavations, operation load 400-500 kN and length □ 20 m YΔP-7024 m 57,00				0110	, 144	320,00
excavations, operation load 400-500 kN and length □ 20 m YΔP-7024 m 57,00	91	OΔO B-21.1				
Fully grouted bolts in open excavation slopes			excavations, operation load 400-500 kN and length □ 20 m	YΔP-7024	m	57,00
3			Fully grouted bolts in open excavation slopes			

No.	Relevant Design Item	Type of Work	Rev. Item	Unit	Price
92	OΔO B-23.1	Bearing capacity 200kN using Φ25 B500C bars	YΔP-7025		15,40
93	ΟΔΟ B-23.1 ΟΔΟ B-23.2	Bearing capacity 300kN using Φ28 B500C bars	YΔP-7025	m m	17,20
94	OΔO B-23.2	Bearing capacity 440kN using Φ20 B500C bars	YΔP-7025	m	24,40
		STRUTS			
95	OIK 61.05	Bearing elements made of iron beams or girder beams up to 160 mm	OIK 6104	kg	2,40
96	OIK 61.06	Bearing elements made of iron beams or girder beams >160 mm	OIK 6104	kg	2,50
		PILING Drilling and casting in-situ bored piles		-	
97	OΔO B-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	OΔO B-26.3	Bored pile diameter Φ1.00 m	ΟΔΟ-2731	m	122,00
	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	020 2112		11,20
102		Timber Shoring System	YΔP 6301	m2	2,00
103		Supply of steel sheet-piling	YΔP 6102	kg	1,00
104	YΔP 7.03	Use of steel sheet piles	YΔP 6103	kg	0,25
105		Steel sheet pile drive	YΔP 6104	m2	15,00
106		Steel sheet pile extraction	YΔP 6105	m2	7,00
107	YΔP 7.06	Retaining of trench slopes with steel sheets	YΔP 6103	m2	31,90
108	YΔP 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	OΔO B-4.2	Transition embankment for technical works and sewage pipe zone			
		embankments	YΔP-6068	m^3	9,50*
111	ΥΔΡ 5.03	Trench backfilling with excavation spoil without special compaction requirements	ΥΔΡ 6066	m3	0,38
112	YΔP 5.04	Underground utilities trench backfilling with excavation spoil requiring	1ΔΡ 0000	1113	0,36
112	1Д1 5.04	special compaction	ΥΔΡ 6067	m3	1,43
		Underground utilities trench backfilling with graded crashed			
		quarry sand-gravel			
113		Overall backfilling thickness up to 50 cm	YΔP 6068	m3	11,40*
114		Overall backfilling thickness over 50 cm	ΥΔΡ 6068	m3	10,50*
	YΔP 5.07	Foundation layers and pipes embedment using quarry sand	ΥΔΡ 6069	m3	10,50*
116	YΔP 5.08	Foundation layers and pipes embedment using mind or torrent sand	ΥΔΡ 6069.1	m3	5,20*
447	VAD 5 00 04	Improvement layers using sandy-gravel material	\/A D 000=		4 004
117		Improvement layers using natural sand gravels	YΔP 6067	m3	4,30*
118	YΔP 5.09.02 YΔP 5.10	Improvement layers using crashed quarry materials	ΥΔΡ 6067	m3	9,50*
	ΟΔΟ A-23	Underdrain filters with graded aggregates Construction of sand - coarse layers of a variable thickness	ΟΔΟ-2815	m3	8,60
121		Filling of road islands with horticultural soil	ΟΔΟ-3121Α	m ³	6,30*
121	ОДО A-23		ΟΔΟ-1620	m ³	1,90
		LAND (SCRUB) CLEARING - CUTTING DOWN AND GRUBBING OF TREES - RE-PLANTING OF TREES			
		Land (Scrub) Clearing			
122	OIK 20.01.01	with sapling - trunk circumference up to 0.25 m	OIK-2101	m ²	4,00
123	OIK 20.01.02	with sapling - trunk circumference from 0.26 to 0.40 m	OIK-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	рс	60,00
***************	ΠΡΣ Ζ2.3	Grubbing of big trees - trunk circumference from 0.61 to 0.90 m	ΠΡΣ 5354	рс	80,00
	ΠΡΣ Ζ2.4	Grubbing of big trees - trunk circumference from 0.91 to 1.20 m	ΠΡΣ 5354	рс	100,00
127		Grubbing of big trees - trunk circumference from 1.21 to 1.50 m	ΠΡΣ 5354	рс	135,00
128	ΠΡΣ Ζ2.6	Grubbing of big trees - trunk circumference over 1.51 m	ΠΡΣ 5354	рс	180,00
129	ΠΡΣ Ζ2.7	Cutting down – grubbing of non-native tree species (ailanthus etc.) trunk height up to 3.0 m	UD2 2524	200	2 00
130	ΠΡΣ Ζ2.8	Cutting down – grubbing of non-native tree species (ailanthus etc.) trunk	ΠΡΣ 5354	рс	3,00
		height > 3,0 m	ΠΡΣ 5354	рс	8,00
		Re-planting of trees			
131		Re-planting of plants with earth bale – volume 45 - 150 lt	ΠΡΣ 5210	рс	45,00
132	ΠΡΣ Ε10.2	Re-planting of plants with earth bale – volume 151 - 300 lt ROAD PAVING	ΠΡΣ 5210	рс	140,00
122	ΟΔΟ Γ-1.1	ROAD PAVING Road Pavement Sub-base with variable thickness	04004515	3	
			ΟΔΟ-3121.Β	m ³	9,50*
134	ΟΔΟ Γ-1.2	Road pavement sub-base - compaction thickness 0.10 m	OΔO-3111.B	m ²	0,90*

No.	Relevant Design Item	Type of Work	Rev. Item	Unit	Price
135	ΟΔΟ Γ-2.1	Road pavement base with variable thickness	OAO 2244 D	m ³	0.50*
	ΟΔΟ Γ-2.2	Base - 0.10 m thick (PTP O-155)	OΔO-3211.B OΔO-3211.B	m ²	9,50*
	ΟΔΟ Γ-4	Levelling Layer (PTP O-150)	UΔU-3211.B	m ²	1,00*
107	00014	ASPHALT WORKS (asphalt price included)		[[]	0,70*
138	ΟΔΟ Δ-1	Cutting the road pavement using asphalt cutter	OIK-2269A	m	0,81
		Abrasion of road pavement (milling)	0.11220071		
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*
	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	OΔO-4521B	m ²	6,30*
148	ΟΔΟ Δ-8Α	Traffic asphalt layer - urban street type	OΔO-4521B	m ²	7,70*
		Reinstatement of asphalt pavements at the locations of utility	020 10212		
		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	OΔO 4521B	m2	17,10
		SIGNAGE - SAFETY			
454	OAO E 4 20 4	VEHICLE RESTRAINT SYSTEMS			
151	OΔO E-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	OΔO E-1.30.2	Concrete safety barriers, precast, containment level H2, working width	020 2040	- '''	120,00
		W6, height 0.80 m, impact severity class B	ΟΔΟ-2548	m	110,00
153	OΔO 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			
			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	OΔO E-3.1	Dismantling (and eventual reinstallation) of a single-sided steel safety			,
		barrier, embedded	ΟΔΟ-2151	m	2,10
156	OΔO N.E-3.1.1	Reinstallation of a single-sided steel safety barrier, embedded	ΟΔΟ-2151	m	2,10
		FENCING PANELS - GUARDRAILS			
157	OIK N.50.15.02	Panels to enhance - in terms of aesthetics – the already installed		2	
150	OAO F 4.2	worksite Fencing	OIK 4713	m ²	150,00
100	ΟΔΟ Ε-4.2	Steel guardrails SIGNS	ΟΔΟ-2652	kg	2,30
		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	OIK-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	OIK-6541	m²	76,00
164	040 5 0 4	Regulatory signs and hazardous area signs	Olk CE44	-	44.00
	OΔO E-9.1 OΔO E-9.4	Hazardous area signs, triangular, side length 0.90 m Regulatory signs, medium size	OIK-6541 OIK-6541	pc	44,30 44,30
	ΟΔΟ E-9.4 ΟΔΟ E-10.1	Traffic sign poles made of galvanized steel tube DN 40 mm (1 ½")	OΔO-2653	pc pc	25,70
	ΟΔΟ E-10.1 ΟΔΟ E-10.2	Traffic sign poles made of galvanized steel tube DN 80 mm (3")	ΟΔΟ-2653	рс	40,70
	ΟΔΟ Ε-14	Trusses for the support of large – size road side signs	ΟΔΟ-2652	kg	2,50
		OTHER SIGNAGE WORKS			-,
166	OΔO E-15.2	Plastic retro-reflective road stud, temporary, two-way retro-reflective	OIK-6532	рс	4,10
	OΔO E-17.1	Reflective road marking paint	OIK-7788	m ²	3,10
	OΔO E-19	Reflective striped delineator on barriers	OIK-6532	рс	14,30
169	OΔO E-20	Base for the Temporary Support of Signs	YΔP-6620.1	рс	19,00

No.	Relevant Design Item	Type of Work	Rev. Item	Unit	Price					
OM/	<u>ΟΜΑΔΑ Β:</u> ΚΑΤΑΣΚΕΎΕΣ ΑΠΟ ΣΚΎΡΟΔΕΜΑ, ΣΤΕΓΑΝΟΠΟΙΗΣΕΙΣ-ΑΡΜΟΙ, ΛΟΙΠΈΣ ΕΡΓΑΣΙΈΣ									
		CONCRETE		Τ						
		Concrete Structures								
170	OΔO B-29.1.1	Rafts and blinding concrete from non-reinforced concrete C8/10	ΟΔΟ-2511	m ³	59,70					
171	OΔO B-29.1.2	Structures made of non-reinforced concrete C8/10	ΟΔΟ-2521	m ³	60,00					
172	OΔO B-29.2.1	Construction of gutters, trenches, etc., using non-reinforced concrete C12/15	ΟΔΟ-2531	m ³	71,50					
173	OΔO B-29.2.2	Rafts, pipe sleeves, blinding layers – concrete class C12/15	ΟΔΟ-2531	m ³	74,20					
174	OΔO B-29.3.1	Construction of gutters, trapezoid trenches, bridge waterproofing protection layers, etc., using C16/20 concrete	ΟΔΟ-2532	m ³	77,80					
175	OΔO B-29.3.2	Construction of walls, footways on bridges, pile wall lining, etc., using C16/20 concrete	ΟΔΟ-2532	m ³	86,00					
176	OΔO B-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	OΔO B-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	OΔO B-29.4.3	Construction of vaulted ducts with C20/25 concrete	ΟΔΟ-2551	m ³	105,00					
182	OΔO B-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	YΔP 9.10.1	For structures made of concrete class C8/10	YΔP 6323	m ³	62,00					
188	YΔP 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	YΔP 6326	m ³	71,00					
190	ΥΔΡ 9.10.4	For structures made of concrete class C16/20	YΔP 6327	m ³	76,00					
191	YΔP 9.10.5	For structures made of concrete class C20/25	YΔP 6329	m ³	81,00					
192	YΔP 9.10.6	For structures made of concrete class C25/30	YΔP 6329	m ³	86,00					
193	YΔP 9.10.7	For structures made of concrete class C30/37	YΔP 6331	m ³	95,00					
		REINFORCEMENT								
		Concrete Steel Reinforcement								
		Concrete Steel Reinforcement B500A	ΟΔΟ-2611	kg	0,95					
	ΟΔΟ B-30.2 ΟΔΟ B-30.3	Concrete Steel Reinforcement B500 C outside underground projects Steel structural mesh B500Coutside underground projects	OΔO-2612 YΔP-7018	kg	0,95					
197	***************************************	Concrete Steel Fibres	ΥΔΡ-7018	kg kg	0,95 1,90					
198		Polypropylene Concrete Fibres	OIK-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		Hard pressed plaster 2.0 cm thick for the external surfaces of sewers	121 0402	111	7,00					
		and manholes/sumps	ΥΔΡ-6403	m ²	8,50					
202		Insulation by applying two coats of asphalt	ΟΔΟ-2411	m ²	1,45					
203		Sealing the concrete surface with asphalt membrane on asphalt concrete blinding	ΟΔΟ-2412	m ²	9,50					
204	OΔO B-37.2	Sealing concrete surfaces with two layers of asphalt fabric and		,						
205	OAO P 42	protection mortar Waterproofing drainage channels bottom with geomembrane	ΟΔΟ-2412	m ²	11,00					
	ΟΔΟ B-42 ΟΔΟ B-43.1	Waterproofing drainage channels bottom with geomembrane Sealing horizontal joints with asphalt mastic applied in hot	OΔO-2412	m ²	5,40					
206 207		Sealing vertical and oblique joints with plastomer asphalt mastic	ΥΔΡ-6370 ΥΔΡ-6370	m m	3,20 3,60					
208		Sealing of joints with waterstop	YΔP-6373	m	11,30					
209	ΟΔΟ Β-64.1	Geotextiles for underdrains	OIK-7914	m ²	1,35					

No.	Relevant Design Item	Type of Work	Rev. Item	Unit	Price
		Flexible tapes of indoor type (Waterstops) for waterproofing concrete joints			
210		For 160 mm. wide tapes	YΔP 6373	m	12,40
211	YΔP 10.02.02	For 240 mm. wide tapes	YΔP 6373	m	16,60
212	YΔP 10.02.03	For 300 mm. wide tapes	YΔP 6373	m	21,40
		Joint sealing of nominal gap 10mm using elastomeric material			
213	YΔP 10.03.01	Joint Sealing of 10mm span using polyurethane-based materials	YΔP 6373	m	14,30
214	YΔP 10.03.02	Joint Sealing of 10mm span using polysulfide-based materials	YΔP 6373	m	17,10
215	YΔP 10.03.03	Joint Sealing of 10mm span using acrylic-based materials	YΔP 6373	m	11,40
216	YΔP 10.24	Perforated plastic drainage pipes D160 mm lined with geotextile	YΔP 6620.1	m	14,30
217	YΔP 10.25	Application of epoxy welding material over an already existing concrete			
		surface	YΔP 6370	m2	11,40
218	YΔP 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
	ΟΔΟ Β-52	Slab paving of sidewalks, traffic islands, etc.		m ²	
	ΟΔΟ Β-81	Concrete slabs paving, 40x40 cm	OΔO-2922		11,40
			ΟΔΟ-2922	m ²	14,30
222	OΔO B-82	Configuration of crossings for persons with disabilities in sidewalks and			
		traffic isles	ΟΔΟ-2922	тεμ.	95,00
	ΟΔΟ Β-83	Concrete tree edging	ΟΔΟ-2921	тεμ.	19,00
224	OΔO B-85	Adjusting the level of an existing manhole on a sidewalk under			
		reconstruction	OΔO-2548	τεμ.	33,30
225	YΔP 4.10	Retrofitting of paving slabs on sidewalks, traffic islands or squares above			
		underground utility trenches	YΔP 6804	m2	23,80
226	YΔP 4.11	Reinstatement of sidewalk, made of non-reinforced concrete above			
		underground utility trenches	YΔP 6804	m2	9,50
	NID O. METAL C	TRUCTURES FITTINGS MANUALES RISING NETWORK	e NETWORK	_ DIDI	NG
GRO	JUP C: METAL S	DIKUCIUKES – FII IINGS. MANHULES. PIPING – NEI WUKK	J. NE I WURN		
		STRUCTURES – FITTINGS, MANHOLES, PIPING – NETWORK	3, NEIWORK	PIPI	NO
		AINTENANCE WORKS, OTHER NETWORK STRUCTURES	S, NETWORK	- PIPI	NO
ITE	MS, REPAIR – MA	METAL STRUCTURES - FITTINGS			
ITE 227	MS, REPAIR – ΜΑ ΟΔΟ Β-48	METAL STRUCTURES - FITTINGS Galvanized iron articles	ΟΔΟ-2672	kg	2,20
227 228	MS, REPAIR - ΜΛ ΟΔΟ Β-48 ΟΔΟ Β-49	METAL STRUCTURES - FITTINGS Galvanized iron articles Cast iron gully tops			
227 228	OΔO B-48 ΟΔΟ B-49 ΟΔΟ B-50	METAL STRUCTURES - FITTINGS Galvanized iron articles Cast iron gully tops Steps made of mild cast iron	ΟΔΟ-2672	kg	2,20
227 228 229 230	OΔO B-48 ΟΔΟ B-49 ΟΔΟ B-50 ΥΔΡ 11.01.02	METAL STRUCTURES - FITTINGS Galvanized iron articles Cast iron gully tops	ΟΔΟ-2672 ΥΔΡ-6752	kg kg	2,20 1,20 1,90 2,70
227 228 229 230	OΔO B-48 ΟΔΟ B-49 ΟΔΟ B-50 ΥΔΡ 11.01.02	METAL STRUCTURES - FITTINGS Galvanized iron articles Cast iron gully tops Steps made of mild cast iron	ΟΔΟ-2672 ΥΔΡ-6752 ΥΔΡ-6753	kg kg kg	2,20 1,20 1,90
227 228 229 230 231	OΔO B-48 ΟΔΟ B-49 ΟΔΟ B-50 ΥΔΡ 11.01.02	METAL STRUCTURES - FITTINGS Galvanized iron articles Cast iron gully tops Steps made of mild cast iron Ductile iron tops	ΟΔΟ-2672 ΥΔΡ-6752 ΥΔΡ-6753 ΥΔΡ 6752	kg kg kg kg kg	2,20 1,20 1,90 2,70 2,70
227 228 229 230 231	OΔO B-48 ΟΔΟ B-49 ΟΔΟ B-50 ΥΔΡ 11.01.02 ΥΔΡ 11.02.04	METAL STRUCTURES - FITTINGS Galvanized iron articles Cast iron gully tops Steps made of mild cast iron Ductile iron tops Ductile iron drainage gratings	ΟΔΟ-2672 ΥΔΡ-6752 ΥΔΡ-6753 ΥΔΡ 6752 ΥΔΡ 6752	kg kg kg kg	2,20 1,20 1,90 2,70
227 228 229 230 231	OΔO B-48 ΟΔΟ B-49 ΟΔΟ B-50 ΥΔΡ 11.01.02 ΥΔΡ 11.02.04	METAL STRUCTURES - FITTINGS Galvanized iron articles Cast iron gully tops Steps made of mild cast iron Ductile iron tops Ductile iron drainage gratings Cast iron steps SUMPS	ΟΔΟ-2672 ΥΔΡ-6752 ΥΔΡ-6753 ΥΔΡ 6752 ΥΔΡ 6752	kg kg kg kg kg	2,20 1,20 1,90 2,70 2,70
227 228 229 230 231	OΔO B-48 ΟΔΟ B-49 ΟΔΟ B-50 ΥΔΡ 11.01.02 ΥΔΡ 11.02.04	METAL STRUCTURES - FITTINGS Galvanized iron articles Cast iron gully tops Steps made of mild cast iron Ductile iron tops Ductile iron drainage gratings Cast iron steps SUMPS Standard stormwater drainage and sewage sumps (Works	ΟΔΟ-2672 ΥΔΡ-6752 ΥΔΡ-6753 ΥΔΡ 6752 ΥΔΡ 6752	kg kg kg kg kg	2,20 1,20 1,90 2,70 2,70
227 228 229 230 231 232	OΔO B-48 ΟΔΟ B-49 ΟΔΟ B-50 ΥΔΡ 11.01.02 ΥΔΡ 11.02.04 ΥΔΡ 11.03	METAL STRUCTURES - FITTINGS Galvanized iron articles Cast iron gully tops Steps made of mild cast iron Ductile iron tops Ductile iron drainage gratings Cast iron steps SUMPS Standard stormwater drainage and sewage sumps (Works Construction Standards)	ΟΔΟ-2672 ΥΔΡ-6752 ΥΔΡ-6753 ΥΔΡ 6752 ΥΔΡ 6752 ΥΔΡ 6753	kg kg kg kg kg	2,20 1,20 1,90 2,70 2,70 2,00
227 228 229 230 231 232	OΔO B-48 ΟΔΟ B-49 ΟΔΟ B-50 ΥΔΡ 11.01.02 ΥΔΡ 11.03	METAL STRUCTURES - FITTINGS Galvanized iron articles Cast iron gully tops Steps made of mild cast iron Ductile iron tops Ductile iron drainage gratings Cast iron steps SUMPS Standard stormwater drainage and sewage sumps (Works Construction Standards) Sump, type Ф1N (Works Construction Standards)	ΟΔΟ-2672 ΥΔΡ-6752 ΥΔΡ-6753 ΥΔΡ 6752 ΥΔΡ 6752 ΥΔΡ 6753 ΟΔΟ-2548	kg kg kg kg kg kg	2,20 1,20 1,90 2,70 2,70 2,00
227 228 229 230 231 232 233 233	OΔO B-48 ΟΔΟ B-49 ΟΔΟ B-50 ΥΔΡ 11.01.02 ΥΔΡ 11.03 ΟΔΟ B-66.1 ΟΔΟ B-66.2	METAL STRUCTURES - FITTINGS Galvanized iron articles Cast iron gully tops Steps made of mild cast iron Ductile iron tops Ductile iron drainage gratings Cast iron steps SUMPS Standard stormwater drainage and sewage sumps (Works Construction Standards) Sump, type Ф1N (Works Construction Standards) Sumps between slopes (Works Construction Standards)	ΟΔΟ-2672 ΥΔΡ-6752 ΥΔΡ-6753 ΥΔΡ 6752 ΥΔΡ 6752 ΥΔΡ 6753	kg kg kg kg kg	2,20 1,20 1,90 2,70 2,70 2,00
227 228 229 230 231 232 233 233	OΔO B-48 ΟΔΟ B-49 ΟΔΟ B-50 ΥΔΡ 11.01.02 ΥΔΡ 11.03	METAL STRUCTURES - FITTINGS Galvanized iron articles Cast iron gully tops Steps made of mild cast iron Ductile iron tops Ductile iron drainage gratings Cast iron steps SUMPS Standard stormwater drainage and sewage sumps (Works Construction Standards) Sump, type Ф1N (Works Construction Standards) Sumps between slopes (Works Construction Standards) Sewerage manhole, type Ф10 (D=0.40 m or 0.60 m (Works	ΟΔΟ-2672 ΥΔΡ-6752 ΥΔΡ-6753 ΥΔΡ 6752 ΥΔΡ 6752 ΥΔΡ 6753 ΟΔΟ-2548 ΟΔΟ-2548	kg kg kg kg kg cg	2,20 1,20 1,90 2,70 2,70 2,00 362,00 497,62
227 228 229 230 231 232 233 234 235	OΔO B-48 ΟΔΟ B-49 ΟΔΟ B-50 ΥΔΡ 11.01.02 ΥΔΡ 11.03 ΟΔΟ B-66.1 ΟΔΟ B-66.2 ΟΔΟ B-66.3	METAL STRUCTURES - FITTINGS Galvanized iron articles Cast iron gully tops Steps made of mild cast iron Ductile iron tops Ductile iron drainage gratings Cast iron steps SUMPS Standard stormwater drainage and sewage sumps (Works Construction Standards) Sump, type Ф1N (Works Construction Standards) Sumps between slopes (Works Construction Standards) Sewerage manhole, type Ф10 (D=0.40 m or 0.60 m (Works Construction Standards)	ΟΔΟ-2672 ΥΔΡ-6752 ΥΔΡ-6753 ΥΔΡ 6752 ΥΔΡ 6752 ΥΔΡ 6753 ΟΔΟ-2548	kg kg kg kg kg kg	2,20 1,20 1,90 2,70 2,70 2,00
227 228 229 230 231 232 233 234 235	OΔO B-48 ΟΔΟ B-49 ΟΔΟ B-50 ΥΔΡ 11.01.02 ΥΔΡ 11.03 ΟΔΟ B-66.1 ΟΔΟ B-66.2	METAL STRUCTURES - FITTINGS Galvanized iron articles Cast iron gully tops Steps made of mild cast iron Ductile iron tops Ductile iron drainage gratings Cast iron steps SUMPS Standard stormwater drainage and sewage sumps (Works Construction Standards) Sump, type Φ1N (Works Construction Standards) Sumps between slopes (Works Construction Standards) Sewerage manhole, type Φ10 (D=0.40 m or 0.60 m (Works Construction Standards) Sewerage manhole, type Φ10 (D=0.80 m) (Works Construction	ΟΔΟ-2672 ΥΔΡ-6752 ΥΔΡ-6753 ΥΔΡ 6752 ΥΔΡ 6752 ΥΔΡ 6753 ΟΔΟ-2548 ΟΔΟ-2548	kg kg kg kg kg cg	2,20 1,20 1,90 2,70 2,70 2,00 362,00 497,62
227 228 229 230 231 232 233 234 235	OΔO B-48 ΟΔΟ B-49 ΟΔΟ B-50 ΥΔΡ 11.01.02 ΥΔΡ 11.02.04 ΥΔΡ 11.03 ΟΔΟ B-66.1 ΟΔΟ B-66.2 ΟΔΟ B-66.3 ΟΔΟ B-66.4	METAL STRUCTURES - FITTINGS Galvanized iron articles Cast iron gully tops Steps made of mild cast iron Ductile iron tops Ductile iron drainage gratings Cast iron steps SUMPS Standard stormwater drainage and sewage sumps (Works Construction Standards) Sump, type Φ1N (Works Construction Standards) Sumps between slopes (Works Construction Standards) Sewerage manhole, type Φ10 (D=0.40 m or 0.60 m (Works Construction Standards) Sewerage manhole, type Φ10 (D=0.80 m) (Works Construction Standards)	ΟΔΟ-2672 ΥΔΡ-6752 ΥΔΡ-6753 ΥΔΡ 6752 ΥΔΡ 6752 ΥΔΡ 6753 ΟΔΟ-2548 ΟΔΟ-2548	kg kg kg kg kg cg	2,20 1,20 1,90 2,70 2,70 2,00 362,00 497,62
227 228 229 230 231 232 233 234 235	OΔO B-48 ΟΔΟ B-49 ΟΔΟ B-50 ΥΔΡ 11.01.02 ΥΔΡ 11.03 ΟΔΟ B-66.1 ΟΔΟ B-66.2 ΟΔΟ B-66.3	METAL STRUCTURES - FITTINGS Galvanized iron articles Cast iron gully tops Steps made of mild cast iron Ductile iron tops Ductile iron drainage gratings Cast iron steps SUMPS Standard stormwater drainage and sewage sumps (Works Construction Standards) Sump, type Ф1N (Works Construction Standards) Sumps between slopes (Works Construction Standards) Sewerage manhole, type Ф10 (D=0.40 m or 0.60 m (Works Construction Standards) Sewerage manhole, type Ф10 (D=0.80 m) (Works Construction Standards) Sewerage manhole, type Ф10 (D=0.80 m) (Works Construction Standards) Sewerage manhole, type Ф11 (D=1.00 m) (Works Construction	ΟΔΟ-2672 ΥΔΡ-6752 ΥΔΡ-6753 ΥΔΡ 6752 ΥΔΡ 6752 ΥΔΡ 6753 ΟΔΟ-2548 ΟΔΟ-2548 ΟΔΟ-2548	kg kg kg kg kg cg cpc	2,20 1,20 1,90 2,70 2,70 2,00 362,00 497,62 810,00
227 228 229 230 231 232 233 234 235 236	OΔO B-48 ΟΔΟ B-49 ΟΔΟ B-50 ΥΔΡ 11.01.02 ΥΔΡ 11.02.04 ΥΔΡ 11.03 ΟΔΟ B-66.1 ΟΔΟ B-66.2 ΟΔΟ B-66.3 ΟΔΟ B-66.4 ΟΔΟ B-66.5	METAL STRUCTURES - FITTINGS Galvanized iron articles Cast iron gully tops Steps made of mild cast iron Ductile iron tops Ductile iron drainage gratings Cast iron steps SUMPS Standard stormwater drainage and sewage sumps (Works Construction Standards) Sump, type Ф1N (Works Construction Standards) Sumps between slopes (Works Construction Standards) Sewerage manhole, type Ф10 (D=0.40 m or 0.60 m (Works Construction Standards) Sewerage manhole, type Ф10 (D=0.80 m) (Works Construction Standards) Sewerage manhole, type Ф10 (D=0.80 m) (Works Construction Standards) Sewerage manhole, type Ф11 (D=1.00 m) (Works Construction Standards)	ΟΔΟ-2672 ΥΔΡ-6752 ΥΔΡ-6753 ΥΔΡ 6752 ΥΔΡ 6752 ΥΔΡ 6753 ΟΔΟ-2548 ΟΔΟ-2548	kg kg kg kg kg cg cpc	2,20 1,20 1,90 2,70 2,70 2,00 362,00 497,62
227 228 229 230 231 232 233 234 235 236	OΔO B-48 ΟΔΟ B-49 ΟΔΟ B-50 ΥΔΡ 11.01.02 ΥΔΡ 11.02.04 ΥΔΡ 11.03 ΟΔΟ B-66.1 ΟΔΟ B-66.2 ΟΔΟ B-66.3 ΟΔΟ B-66.4	METAL STRUCTURES - FITTINGS Galvanized iron articles Cast iron gully tops Steps made of mild cast iron Ductile iron tops Ductile iron drainage gratings Cast iron steps SUMPS Standard stormwater drainage and sewage sumps (Works Construction Standards) Sump, type Φ1N (Works Construction Standards) Sumps between slopes (Works Construction Standards) Sewerage manhole, type Φ10 (D=0.40 m or 0.60 m (Works Construction Standards) Sewerage manhole, type Φ10 (D=0.80 m) (Works Construction Standards) Sewerage manhole, type Φ11 (D=1.00 m) (Works Construction Standards) Sewerage manhole, type Φ11 (D=1.00 m) (Works Construction Standards)	ΟΔΟ-2672 ΥΔΡ-6752 ΥΔΡ-6753 ΥΔΡ 6752 ΥΔΡ 6752 ΥΔΡ 6753 ΟΔΟ-2548 ΟΔΟ-2548 ΟΔΟ-2548	kg kg kg kg kg pc	2,20 1,20 1,90 2,70 2,70 2,00 362,00 497,62 810,00
227 228 229 230 231 232 233 234 235 236	OΔO B-48 ΟΔΟ B-49 ΟΔΟ B-50 ΥΔΡ 11.01.02 ΥΔΡ 11.02.04 ΥΔΡ 11.03 ΟΔΟ B-66.1 ΟΔΟ B-66.2 ΟΔΟ B-66.3 ΟΔΟ B-66.4 ΟΔΟ B-66.5	METAL STRUCTURES - FITTINGS Galvanized iron articles Cast iron gully tops Steps made of mild cast iron Ductile iron tops Ductile iron drainage gratings Cast iron steps SUMPS Standard stormwater drainage and sewage sumps (Works Construction Standards) Sump, type Ф1N (Works Construction Standards) Sumps between slopes (Works Construction Standards) Sewerage manhole, type Ф10 (D=0.40 m or 0.60 m (Works Construction Standards) Sewerage manhole, type Ф10 (D=0.80 m) (Works Construction Standards) Sewerage manhole, type Ф10 (D=0.80 m) (Works Construction Standards) Sewerage manhole, type Ф11 (D=1.00 m) (Works Construction Standards)	ΟΔΟ-2672 ΥΔΡ-6752 ΥΔΡ-6753 ΥΔΡ 6752 ΥΔΡ 6752 ΥΔΡ 6753 ΟΔΟ-2548 ΟΔΟ-2548 ΟΔΟ-2548	kg kg kg kg kg pc	2,20 1,20 1,90 2,70 2,70 2,00 362,00 497,62 810,00
227 228 229 230 231 232 233 234 235 236 237	OΔO B-48 ΟΔΟ B-49 ΟΔΟ B-50 ΥΔΡ 11.01.02 ΥΔΡ 11.02.04 ΥΔΡ 11.03 ΟΔΟ B-66.1 ΟΔΟ B-66.2 ΟΔΟ B-66.3 ΟΔΟ B-66.4 ΟΔΟ B-66.5	METAL STRUCTURES - FITTINGS Galvanized iron articles Cast iron gully tops Steps made of mild cast iron Ductile iron tops Ductile iron drainage gratings Cast iron steps SUMPS Standard stormwater drainage and sewage sumps (Works Construction Standards) Sump, type Φ1N (Works Construction Standards) Sumps between slopes (Works Construction Standards) Sewerage manhole, type Φ10 (D=0.40 m or 0.60 m (Works Construction Standards) Sewerage manhole, type Φ10 (D=0.80 m) (Works Construction Standards) Sewerage manhole, type Φ11 (D=1.00 m) (Works Construction Standards) Sewerage manhole, type Φ11 (D=1.00 m) (Works Construction Standards)	ΟΔΟ-2672 ΥΔΡ-6752 ΥΔΡ-6753 ΥΔΡ 6752 ΥΔΡ 6752 ΥΔΡ 6753 ΟΔΟ-2548 ΟΔΟ-2548 ΟΔΟ-2548 ΟΔΟ-2548 ΟΔΟ-2548	kg kg kg kg kg cpc pc pc	2,20 1,20 1,90 2,70 2,70 2,00 362,00 497,62 810,00 1.050,00
227 228 229 230 231 232 233 234 235 236 237	OΔO B-48 ΟΔΟ B-49 ΟΔΟ B-50 ΥΔΡ 11.01.02 ΥΔΡ 11.02.04 ΥΔΡ 11.03 ΟΔΟ B-66.1 ΟΔΟ B-66.2 ΟΔΟ B-66.3 ΟΔΟ B-66.4 ΟΔΟ B-66.5 ΟΔΟ B-66.6	METAL STRUCTURES - FITTINGS Galvanized iron articles Cast iron gully tops Steps made of mild cast iron Ductile iron tops Ductile iron drainage gratings Cast iron steps SUMPS Standard stormwater drainage and sewage sumps (Works Construction Standards) Sump, type Φ1N (Works Construction Standards) Sumps between slopes (Works Construction Standards) Sewerage manhole, type Φ10 (D=0.40 m or 0.60 m (Works Construction Standards) Sewerage manhole, type Φ10 (D=0.80 m) (Works Construction Standards) Sewerage manhole, type Φ11 (D=1.00 m) (Works Construction Standards) Sewerage manhole, type Φ11 (D=1.00 m) (Works Construction Standards) Sewerage manhole, type Φ12 (D=1.20 m) (Works Construction Standards)	ΟΔΟ-2672 ΥΔΡ-6752 ΥΔΡ-6753 ΥΔΡ 6752 ΥΔΡ 6752 ΥΔΡ 6753 ΟΔΟ-2548 ΟΔΟ-2548 ΟΔΟ-2548 ΟΔΟ-2548 ΟΔΟ-2548	kg kg kg kg kg cpc pc pc pc	2,20 1,20 1,90 2,70 2,70 2,00 362,00 497,62 810,00 1.050,00 1.540,00
227 228 229 230 231 232 233 234 235 236 237 238	OΔO B-48 ΟΔΟ B-49 ΟΔΟ B-50 ΥΔΡ 11.01.02 ΥΔΡ 11.02.04 ΥΔΡ 11.03 ΟΔΟ B-66.1 ΟΔΟ B-66.2 ΟΔΟ B-66.3 ΟΔΟ B-66.5 ΟΔΟ B-66.6	METAL STRUCTURES - FITTINGS Galvanized iron articles Cast iron gully tops Steps made of mild cast iron Ductile iron tops Ductile iron drainage gratings Cast iron steps SUMPS Standard stormwater drainage and sewage sumps (Works Construction Standards) Sump, type Ф1N (Works Construction Standards) Sumps between slopes (Works Construction Standards) Sewerage manhole, type Ф10 (D=0.40 m or 0.60 m (Works Construction Standards) Sewerage manhole, type Ф10 (D=0.80 m) (Works Construction Standards) Sewerage manhole, type Ф11 (D=1.00 m) (Works Construction Standards) Sewerage manhole, type Ф12 (D=1.20 m) (Works Construction Standards) Underdrains manhole (Works Construction Standards) Typical air relief valve manholes	OΔO-2672 ΥΔP-6752 ΥΔP-6753 ΥΔP 6752 ΥΔP 6752 ΥΔP 6753 ΟΔΟ-2548 ΟΔΟ-2548 ΟΔΟ-2548 ΟΔΟ-2548 ΟΔΟ-2548 ΟΔΟ-2548	kg kg kg kg kg pc pc pc pc pc	2,20 1,20 1,90 2,70 2,70 2,00 362,00 497,62 810,00 1.050,00 1.540,00
227 228 229 230 231 232 233 234 235 236 237 238	OΔO B-48 OΔO B-49 OΔO B-50 YΔP 11.01.02 YΔP 11.02.04 YΔP 11.03 OΔO B-66.1 OΔO B-66.2 OΔO B-66.3 OΔO B-66.5 OΔO B-66.5 OΔO B-66.6	METAL STRUCTURES - FITTINGS Galvanized iron articles Cast iron gully tops Steps made of mild cast iron Ductile iron tops Ductile iron drainage gratings Cast iron steps SUMPS Standard stormwater drainage and sewage sumps (Works Construction Standards) Sump, type Ф1N (Works Construction Standards) Sumps between slopes (Works Construction Standards) Sewerage manhole, type Ф10 (D=0.40 m or 0.60 m (Works Construction Standards) Sewerage manhole, type Ф10 (D=0.80 m) (Works Construction Standards) Sewerage manhole, type Ф11 (D=1.00 m) (Works Construction Standards) Sewerage manhole, type Ф12 (D=1.20 m) (Works Construction Standards) Underdrains manhole (Works Construction Standards)	OΔO-2672 ΥΔP-6752 ΥΔP-6753 ΥΔP 6752 ΥΔP 6752 ΥΔP 6753 ΟΔΟ-2548 ΟΔΟ-2548 ΟΔΟ-2548 ΟΔΟ-2548 ΟΔΟ-2548 ΟΔΟ-2548 ΟΔΟ-2548 ΟΔΟ-2548	kg kg kg kg kg pc pc pc pc pc	2,20 1,20 1,90 2,70 2,70 2,00 362,00 497,62 810,00 1.050,00 1.540,00
227 228 229 230 231 232 233 234 235 236 237 238	OΔO B-48 OΔO B-49 OΔO B-50 YΔP 11.01.02 YΔP 11.02.04 YΔP 11.03 OΔO B-66.1 OΔO B-66.2 OΔO B-66.3 OΔO B-66.5 OΔO B-66.5 OΔO B-66.6	METAL STRUCTURES - FITTINGS Galvanized iron articles Cast iron gully tops Steps made of mild cast iron Ductile iron tops Ductile iron drainage gratings Cast iron steps SUMPS Standard stormwater drainage and sewage sumps (Works Construction Standards) Sump, type Ф1N (Works Construction Standards) Sumps between slopes (Works Construction Standards) Sewerage manhole, type Ф10 (D=0.40 m or 0.60 m (Works Construction Standards) Sewerage manhole, type Ф10 (D=0.80 m) (Works Construction Standards) Sewerage manhole, type Ф11 (D=1.00 m) (Works Construction Standards) Sewerage manhole, type Ф12 (D=1.20 m) (Works Construction Standards) Underdrains manhole (Works Construction Standards) Typical air relief valve manholes	OΔO-2672 ΥΔP-6752 ΥΔP-6753 ΥΔP 6752 ΥΔP 6752 ΥΔP 6753 ΟΔΟ-2548 ΟΔΟ-2548 ΟΔΟ-2548 ΟΔΟ-2548 ΟΔΟ-2548 ΟΔΟ-2548 ΟΔΟ-2548 ΟΔΟ-2548 ΟΔΟ-2548 ΟΔΟ-2548	kg kg kg kg kg pc pc pc pc	2,20 1,20 1,90 2,70 2,70 2,00 362,00 497,62 810,00 1.050,00 1.540,00 2.040,00 317,00
227 228 229 230 231 232 233 234 235 236 237 238 239	OΔO B-48 OΔO B-49 OΔO B-50 YΔP 11.01.02 YΔP 11.02.04 YΔP 11.03 OΔO B-66.1 OΔO B-66.2 OΔO B-66.3 OΔO B-66.5 OΔO B-66.6 OΔO B-66.7 YΔP 9.30.01	METAL STRUCTURES - FITTINGS Galvanized iron articles Cast iron gully tops Steps made of mild cast iron Ductile iron tops Ductile iron drainage gratings Cast iron steps SUMPS Standard stormwater drainage and sewage sumps (Works Construction Standards) Sump, type Ф1N (Works Construction Standards) Sumps between slopes (Works Construction Standards) Sewerage manhole, type Ф10 (D=0.40 m or 0.60 m (Works Construction Standards) Sewerage manhole, type Ф10 (D=0.80 m) (Works Construction Standards) Sewerage manhole, type Ф11 (D=1.00 m) (Works Construction Standards) Sewerage manhole, type Ф12 (D=1.20 m) (Works Construction Standards) Underdrains manhole (Works Construction Standards) Typical air relief valve manholes for pipes DN < 600 mm and dimensions 2.00x1.50 m	ΟΔΟ-2672 ΥΔΡ-6752 ΥΔΡ-6753 ΥΔΡ 6752 ΥΔΡ 6752 ΥΔΡ 6753 ΟΔΟ-2548 ΟΔΟ-2548 ΟΔΟ-2548 ΟΔΟ-2548 ΟΔΟ-2548 ΟΔΟ-2548 ΟΔΟ-2548 ΟΔΟ-2548 ΟΔΟ-2548 ΟΔΟ-2548 ΟΔΟ-2548	kg kg kg kg kg pc pc pc pc pc	2,20 1,20 1,90 2,70 2,70 2,00 362,00 497,62 810,00 1.050,00 1.540,00
227 228 229 230 231 232 233 234 235 236 237 238	OΔO B-48 OΔO B-49 OΔO B-50 YΔP 11.01.02 YΔP 11.02.04 YΔP 11.03 OΔO B-66.1 OΔO B-66.2 OΔO B-66.3 OΔO B-66.5 OΔO B-66.6 OΔO B-66.7 YΔP 9.30.01	METAL STRUCTURES - FITTINGS Galvanized iron articles Cast iron gully tops Steps made of mild cast iron Ductile iron tops Ductile iron drainage gratings Cast iron steps SUMPS Standard stormwater drainage and sewage sumps (Works Construction Standards) Sump, type Ф1N (Works Construction Standards) Sumps between slopes (Works Construction Standards) Sewerage manhole, type Ф10 (D=0.40 m or 0.60 m (Works Construction Standards) Sewerage manhole, type Ф10 (D=0.80 m) (Works Construction Standards) Sewerage manhole, type Ф11 (D=1.00 m) (Works Construction Standards) Sewerage manhole, type Ф12 (D=1.20 m) (Works Construction Standards) Underdrains manhole (Works Construction Standards) Typical air relief valve manholes	OΔO-2672 ΥΔP-6752 ΥΔP-6753 ΥΔP 6752 ΥΔP 6752 ΥΔP 6753 OΔO-2548 OΔO-2548 OΔO-2548 OΔO-2548 OΔO-2548 OΔO-2548 OΔO-2548 OΔO-2548 OΔO-2548 OΔO-2548 OΔO-2548 OΔO-2548 OΔO-2548	kg kg kg kg kg pc pc pc pc	2,20 1,20 1,90 2,70 2,70 2,00 362,00 497,62 810,00 1.050,00 1.540,00 2.040,00 317,00
227 228 229 230 231 232 233 234 235 236 237 238 239	OΔO B-48 OΔO B-49 OΔO B-50 YΔP 11.01.02 YΔP 11.02.04 YΔP 11.03 OΔO B-66.1 OΔO B-66.2 OΔO B-66.3 OΔO B-66.5 OΔO B-66.6 OΔO B-66.7 YΔP 9.30.01	METAL STRUCTURES - FITTINGS Galvanized iron articles Cast iron gully tops Steps made of mild cast iron Ductile iron tops Ductile iron drainage gratings Cast iron steps SUMPS Standard stormwater drainage and sewage sumps (Works Construction Standards) Sump, type Ф1N (Works Construction Standards) Sumps between slopes (Works Construction Standards) Sewerage manhole, type Ф10 (D=0.40 m or 0.60 m (Works Construction Standards) Sewerage manhole, type Ф10 (D=0.80 m) (Works Construction Standards) Sewerage manhole, type Ф11 (D=1.00 m) (Works Construction Standards) Sewerage manhole, type Ф12 (D=1.20 m) (Works Construction Standards) Underdrains manhole (Works Construction Standards) Typical air relief valve manholes for pipes DN < 600 mm and dimensions 2.00x1.50 m	OΔO-2672 ΥΔP-6752 ΥΔP-6753 ΥΔP 6752 ΥΔP 6752 ΥΔP 6753 OΔO-2548 OΔO-2548 OΔO-2548 OΔO-2548 OΔO-2548 OΔO-2548 OΔO-2548 OΔO-2548 OΔO-2548 OΔO-2548 OΔO-2548 OΔO-2548 OΔO-2548	kg kg kg kg kg pc pc pc pc pc	2,20 1,20 1,90 2,70 2,70 2,00 362,00 497,62 810,00 1.050,00 1.540,00 2.040,00 317,00
227 228 229 230 231 232 233 234 235 236 237 238 239 240	OΔO B-48 OΔO B-49 OΔO B-50 YΔP 11.01.02 YΔP 11.02.04 YΔP 11.03 OΔO B-66.1 OΔO B-66.2 OΔO B-66.3 OΔO B-66.5 OΔO B-66.6 OΔO B-66.7 YΔP 9.30.01	METAL STRUCTURES - FITTINGS Galvanized iron articles Cast iron gully tops Steps made of mild cast iron Ductile iron tops Ductile iron drainage gratings Cast iron steps SUMPS Standard stormwater drainage and sewage sumps (Works Construction Standards) Sump, type Ф1N (Works Construction Standards) Sewerage manhole, type Ф10 (D=0.40 m or 0.60 m (Works Construction Standards) Sewerage manhole, type Ф10 (D=0.80 m) (Works Construction Standards) Sewerage manhole, type Ф10 (D=1.00 m) (Works Construction Standards) Sewerage manhole, type Ф11 (D=1.00 m) (Works Construction Standards) Sewerage manhole, type Ф12 (D=1.20 m) (Works Construction Standards) Underdrains manhole (Works Construction Standards) Typical air relief valve manholes for pipes DN < 600 mm and dimensions 2.20x1.50 m	OΔO-2672 ΥΔP-6752 ΥΔP-6753 ΥΔP 6752 ΥΔP 6752 ΥΔP 6753 OΔO-2548 OΔO-2548 OΔO-2548 OΔO-2548 OΔO-2548 OΔO-2548 OΔO-2548 OΔO-2548 OΔO-2548 OΔO-2548 OΔO-2548 OΔO-2548 OΔO-2548	kg kg kg kg kg pc pc pc pc pc pc	2,20 1,20 1,90 2,70 2,70 2,00 362,00 497,62 810,00 1.050,00 1.540,00 2.040,00 317,00
227 228 229 230 231 232 233 234 235 236 237 238 239 240	OΔO B-48 ΟΔΟ B-49 ΟΔΟ B-50 ΥΔΡ 11.01.02 ΥΔΡ 11.02.04 ΥΔΡ 11.03 ΟΔΟ B-66.1 ΟΔΟ B-66.2 ΟΔΟ B-66.3 ΟΔΟ B-66.5 ΟΔΟ B-66.6 ΟΔΟ B-66.7 ΥΔΡ 9.30.01	METAL STRUCTURES - FITTINGS Galvanized iron articles Cast iron gully tops Steps made of mild cast iron Ductile iron tops Ductile iron drainage gratings Cast iron steps SUMPS Standard stormwater drainage and sewage sumps (Works Construction Standards) Sump, type Ф1N (Works Construction Standards) Sumps between slopes (Works Construction Standards) Sewerage manhole, type Ф10 (D=0.40 m or 0.60 m (Works Construction Standards) Sewerage manhole, type Ф10 (D=0.80 m) (Works Construction Standards) Sewerage manhole, type Ф11 (D=1.00 m) (Works Construction Standards) Sewerage manhole, type Ф12 (D=1.20 m) (Works Construction Standards) Sewerage manhole, type Ф12 (D=1.20 m) (Works Construction Standards) Underdrains manhole (Works Construction Standards) Typical air relief valve manholes for pipes DN < 600 mm and dimensions 2.00x1.50 m Typical Water Discharge Manholes	OΔO-2672 ΥΔP-6752 ΥΔP-6753 ΥΔP 6752 ΥΔP 6752 ΥΔP 6753 OΔO-2548 OΔO-2548 OΔO-2548 OΔO-2548 OΔO-2548 OΔO-2548 OΔO-2548 OΔO-2548 OΔO-2548 OΔO-2548 OΔO-2548 OΔO-2548	kg kg kg kg kg pc pc pc pc pc	2,20 1,20 1,90 2,70 2,70 2,00 362,00 497,62 810,00 1.050,00 1.540,00 2.040,00 317,00
227 228 229 230 231 232 233 234 235 236 237 238 239 240	OΔO B-48 ΟΔΟ B-49 ΟΔΟ B-50 ΥΔΡ 11.01.02 ΥΔΡ 11.02.04 ΥΔΡ 11.03 ΟΔΟ B-66.1 ΟΔΟ B-66.2 ΟΔΟ B-66.3 ΟΔΟ B-66.5 ΟΔΟ B-66.6 ΟΔΟ B-66.7 ΥΔΡ 9.30.01	METAL STRUCTURES - FITTINGS Galvanized iron articles Cast iron gully tops Steps made of mild cast iron Ductile iron tops Ductile iron drainage gratings Cast iron steps SUMPS Standard stormwater drainage and sewage sumps (Works Construction Standards) Sump, type Ф1N (Works Construction Standards) Sewerage manhole, type Ф10 (D=0.40 m or 0.60 m (Works Construction Standards) Sewerage manhole, type Ф10 (D=0.80 m) (Works Construction Standards) Sewerage manhole, type Ф10 (D=1.00 m) (Works Construction Standards) Sewerage manhole, type Ф11 (D=1.00 m) (Works Construction Standards) Sewerage manhole, type Ф12 (D=1.20 m) (Works Construction Standards) Underdrains manhole (Works Construction Standards) Typical air relief valve manholes for pipes DN < 600 mm and dimensions 2.20x1.50 m	OΔO-2672 YΔP-6752 YΔP-6753 YΔP 6752 YΔP 6752 YΔP 6753 OΔO-2548 50% YΔP-6329 50% YΔP-6329 50% YΔP-6329 50% YΔP-6311 50% YΔP-6311	kg kg kg kg kg pc pc pc pc pc pc	2,20 1,20 1,90 2,70 2,70 2,00 362,00 497,62 810,00 1.050,00 1.540,00 2.040,00 317,00
227 228 229 230 231 232 233 234 235 236 237 238 239 240	OΔO B-48 ΟΔΟ B-49 ΟΔΟ B-50 ΥΔΡ 11.01.02 ΥΔΡ 11.02.04 ΥΔΡ 11.03 ΟΔΟ B-66.1 ΟΔΟ B-66.2 ΟΔΟ B-66.3 ΟΔΟ B-66.5 ΟΔΟ B-66.6 ΟΔΟ B-66.7 ΥΔΡ 9.30.01	METAL STRUCTURES - FITTINGS Galvanized iron articles Cast iron gully tops Steps made of mild cast iron Ductile iron tops Ductile iron drainage gratings Cast iron steps SUMPS Standard stormwater drainage and sewage sumps (Works Construction Standards) Sump, type Ф1N (Works Construction Standards) Sumps between slopes (Works Construction Standards) Sewerage manhole, type Ф10 (D=0.40 m or 0.60 m (Works Construction Standards) Sewerage manhole, type Ф10 (D=0.80 m) (Works Construction Standards) Sewerage manhole, type Ф11 (D=1.00 m) (Works Construction Standards) Sewerage manhole, type Ф12 (D=1.20 m) (Works Construction Standards) Sewerage manhole, type Ф12 (D=1.20 m) (Works Construction Standards) Underdrains manhole (Works Construction Standards) Typical air relief valve manholes for pipes DN < 600 mm and dimensions 2.00x1.50 m Typical Water Discharge Manholes	OΔO-2672 ΥΔP-6752 ΥΔP-6753 ΥΔP 6752 ΥΔP 6752 ΥΔP 6753 OΔO-2548 OΔO-2548 OΔO-2548 OΔO-2548 OΔO-2548 OΔO-2548 OΔO-2548 OΔO-2548 OΔO-2548 OΔO-2548 OΔO-2548 OΔO-2548	kg kg kg kg kg pc pc pc pc pc pc	2,20 1,20 1,90 2,70 2,70 2,00 362,00 497,62 810,00 1.050,00 1.540,00 317,00

No.	Relevant Design Item	Type of Work	Rev. Item	Unit	Price
243	ΥΔΡ 9.31.02	2 shamber manhalas			24014 D 2004
243	ΥΔΡ 9.31.02	2-chamber manholes	50% YΔP 6327		
			50% YΔP		
			6311	рс	3.180,00
		Typical valves manholes			000,00
244	YΔP 9.32.01	for pipes DN < 300 mm and dimensions 1.50x1.50 m	50% YΔP-		
			6329 50%		
			ΥΔΡ-6311	рс	1.470,00
245	YΔP 9.32.02	for pipes DN 300 – 600 mm and dimensions 2.00x2.50 m	50% YΔP-		
			6329 50%		0.000.00
246	ΥΔΡ 9.32.03	for pipes DN > 600 mm and dimensions 2.00x3.00 m	ΥΔΡ-6311	рс	2.990,00
240	1ΔΕ 9.32.03	lor pipes DN > 000 mm and dimensions 2.00x3.00 m	50% YΔP- 6329 50%		
			YΔP-6311	рс	3.470,00
		Typical supply meter devices manholes	12. 00	рс	0.110,00
247	YΔP 9.33.01	for pipes DN < 300 mm, and dimensions 2.00x1.50 m	50% YΔP-	***************************************	
			6329 50%		
***************************************			YΔP-6311	рс	2.000,00
248	YΔP 9.33.02	for pipes DN > 300 mm, and dimensions 2.20x1.50 m	50% YΔP-		
			6329 50%		
0.40	VAD 0.00.00	discossions 0.50 × 0.50 × 0.50	YΔP-6311	рс	2.520,00
249	ΥΔΡ 9.33.03	dimensions 2.50 x 2.50 m	50% YΔP-		
			6329 50% ΥΔΡ-6311	рс	3.470,00
250	YΔP 9.34	Typical water hammer arresting valves manholes	50% YΔP-	ρС	3.470,00
		, yprodi nator namino amoomig ranco maminoso	6329 50%		
			YΔP-6311	рс	3.990,00
251	YΔP 9.35	Flow direction changing manholes, pipes DN ≤ 300 mm	50% YΔP-		
			6329 50%		
*******************************			ΥΔΡ-6311	рс	860,00
252	ΥΔΡ 9.36	Typical junction manholes	50% YΔP		
			6327		
			50% YΔP		2.570,00
		PIPING - NETWORKS	6311	рс	2.570,00
253	ΟΔΟ Β-59	Galvanized cable conduits DN100 (incorporated)	HΛM-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	YΔP 12.01.01.01	Nominal diameter D200 mm	YΔP 6551.1	m	13,30
255	YΔP 12.01.01.02		YΔP 6551.2	m	20,90
256		Nominal diameter D400 mm	ΥΔΡ 6551.3	m	38,00
257	YΔP 12.01.01.04	Nominal diameter D500 mm	ΥΔΡ 6551.4	m	52,00
258		Nominal diameter D600 mm	ΥΔΡ 6551.5	m	67,00
259 260			YΔP 6551.6 YΔP 6551.7	m	95,00
261	YΔP 12.01.01.08		ΥΔΡ 6551.7	m m	133,00 162,00
262	YΔP 12.01.01.09		ΥΔΡ 6551.7	m	209,00
263	YΔP 12.01.01.10		ΥΔΡ 6551.7	m	266,00
264	YΔP 12.01.01.11	Nominal diameter D1800 mm	ΥΔΡ 6551.7	m	360,00
265	YΔP 12.01.01.12	Nominal diameter D2000 mm	YΔP 6551.7	m	480,00
266	ΥΔΡ 12.01.01.13	Nominal diameter D2250 mm	YΔP 6551.7	m	620,00
267	YΔP 12.01.01.14	Nominal diameter D2500 mm	YΔP 6551.7	m	780,00
260	VAD 10 10 01	Solid wall PVC-U sewage pipes	VAD 0744 4		0.50
268 269		Sewage ducts made of PVC-U pipes, SDR 41, DN 110 mm Sewage ducts made of PVC-U pipes, SDR 41, DN 125 mm	ΥΔΡ 6711.1 ΥΔΡ 6711.1	m	3,50 3,90
270		Sewage ducts made of PVC-U pipes, SDR 41, DN 125 mm	ΥΔΡ 6711.1	m m	6,50
271	YΔP 12.10.03	Sewage ducts made of PVC-U pipes, SDR 41, DN 200 mm	ΥΔΡ 6711.1	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		Sewage ducts made of PVC-U pipes, SDR 41, DN 315 mm	ΥΔΡ 6711.4	m	21,00
274	YΔP 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	YΔP 12.10.09	Sewage ducts made of PVC-U pipes, SDR 41, DN 500 mm	ΥΔΡ 6711.7	m	46,40
277	YΔP 12.10.10	Sewage ducts made of PVC-U pipes, SDR 41, DN 630 mm	ΥΔΡ 6711.7	m	71,00

No.	Relevant Design Item	Type of Work	Rev. Item	Unit	Price
	MANALON AD THE STATE OF THE STA	Saddle with coupler glued onto sewage pipes made of PVC-U			
		series 41			
278	YΔP 12.12.01.01	Saddle/coupler – Nominal diameters 200/125 mm.	YΔP 6712.1	рс	27,90
279	YΔP 12.12.01.02	Saddle/coupler – Nominal diameters 250/160 mm.	YΔP 6712.2	рс	29,90
280	ΥΔΡ 12.12.01.03		ΥΔΡ 6712.3	рс	35,90
281	ΥΔΡ 12.12.01.04	Saddle/coupler – Nominal diameters 355/160 mm.	YΔP 6712.4	рс	40,90
282	ΥΔΡ 12.12.01.05	Saddle/coupler – Nominal diameters 400/160 mm. Ducts under pressure, made of PVC-U pipes	ΥΔΡ 6712.5	рс	44,90
		Nominal pressure 10 at			
283	ΥΔΡ 12.13.02.01	Nominal diameter D 50 mm	ΥΔΡ 6621.1	m	2,70
284	YΔP 12.13.02.02	Nominal diameter D 63 mm	ΥΔΡ 6621.1	m	3,70
285	YΔP 12.13.02.03	Nominal diameter D 75 mm	YΔP 6621.1	m	4,40
286	YΔP 12.13.02.04	Nominal diameter D 90 mm	YΔP 6621.1	m	5,60
287	ΥΔΡ 12.13.02.05	Nominal diameter D110 mm	YΔP 6621.1	m	6,80
288	YΔP 12.13.02.06	Nominal diameter D140 mm	YΔP 6621.2	m	11,50
289	ΥΔΡ 12.13.02.07	Nominal diameter D160 mm	ΥΔΡ 6621.3	m	13,50
290	YΔP 12.13.02.08	Nominal diameter D200 mm	YΔP 6621.4	m	19,00
291 292	YΔP 12.13.02.09 YΔP 12.13.02.10	Nominal diameter D225 mm Nominal diameter D280 mm	YΔP 6621.5 YΔP 6621.6	m	25,00 39,90
292	YΔP 12.13.02.10	Nominal diameter D315 mm	YΔP 6621.6 YΔP 6621.7	m m	49,90
294	YΔP 12.13.02.11	Nominal diameter D355 mm	YΔP 6621.8	m	60,00
295	YΔP 12.13.02.13	Nominal diameter D400 mm	ΥΔΡ 6621.9	m	75,00
296	YΔP 12.13.02.14	Nominal diameter D450 mm	YΔP 6621.9	m	90,00
297	YΔP 12.13.02.15	Nominal diameter D500 mm	ΥΔΡ 6621.9	m	109,00
		Nominal pressure 16 at			
298	YΔP 12.13.04.01	Nominal diameter D 50 mm	ΥΔΡ 6622.1	m	3,50
299	YΔP 12.13.04.02	Nominal diameter D 63 mm	YΔP 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	YΔP 6622.1	m	7,20
302	YΔP 12.13.04.05 YΔP 12.13.04.06	Nominal diameter D110 mm Nominal diameter D140 mm	YΔP 6622.1 YΔP 6622.2	m	9,10 15,00
304	ΥΔΡ 12.13.04.00	Nominal diameter D140 mm	ΥΔΡ 6622.3	m 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	YΔP 12.13.04.10	Nominal diameter D280 mm	YΔP 6622.3	m	58,00
308	YΔP 12.13.04.11	Nominal diameter D315 mm	ΥΔΡ 6622.3	m	70,00
309	YΔP 12.13.04.12	Nominal diameter D355 mm	YΔP 6622.3	m	85,00
310			ΥΔΡ 6622.3	m	105,00
311			ΥΔΡ 6622.3	m	129,00
312	YΔP 12.13.04.15		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	YΔP 12.14.01.04	Nominal diameter DN 63 mm / PN 10 atm	YΔP 6621.1	m	4,30
314			ΥΔΡ 6621.1	m	7,00
315		Nominal Diameter DN 110 mm / PN 10 atm	YΔP 6621.1	m	9,30
316		Nominal Diameter DN 125 mm / PN 10 atm	ΥΔΡ 6621.2	m	11,00
317		Nominal Diameter DN 140 mm / PN 10 atm	ΥΔΡ 6621.2	m	14,00
318		Nominal Diameter DN 160 mm / PN 10 atm	ΥΔΡ 6621.3	m	16,00
319 320	YΔP 12.14.01.11 YΔP 12.14.01.15	Nominal Diameter DN 200 mm / PN 10 atm Nominal Diameter DN 315 mm / PN 10 atm	YΔP 6621.4 YΔP 6621.7	m	21,90 55,00
320	12.14.01.13	Nominal Pressure 16 at	ΙΔΡ 0021.7	m	33,00
321	ΥΔΡ 12.14.01.44		YΔP 6622.1	m	5,60
322	YΔP 12.14.01.46		ΥΔΡ 6622.1	m	8,80
323		Nominal Diameter DN 110 mm / PN 16 atm	ΥΔΡ 6622.1	m	13,00
324		Nominal Diameter DN 125 mm / PN 16 atm	YΔP 6622.2	m	17,00
325		Nominal Diameter DN 140 mm / PN 16 atm	YΔP 6622.2	m	20,00
326		Nominal Diameter DN 160 mm / PN 16 atm	YΔP 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	YΔP 12.14.01.55	Nominal Diameter DN 315 mm / PN 16 atm	YΔP 6622.3	m	85,00
220	VAD 10.15.01	Networks under pressure made of ductile iron pipes	VAD CCCC		20.00
329 330	YΔP 12.15.01 YΔP 12.15.02	Pipes DN 100 mm / class C40, per ELOT EN 545 Pipes DN 125 mm / class C40, per ELOT EN 545	YΔP 6623 YΔP 6623	m	29,90 35,00
330	141 14.10.04	I ibes Div 123 IIIII / Glass G40, pei ELOT Elv 343	145 0023	m	35,00

No.	Relevant Design Item	Type of Work	Rev. Item	Unit	Price
331	YΔP 12.15.03	Pipes DN 150 mm / class C40, per ELOT EN 545	YΔP 6623	m	39,90
332	ΥΔΡ 12.15.04	Pipes DN 200 mm / class C40, per ELOT EN 545	YΔP 6623	m	55,00
333	YΔP 12.15.05	Pipes DN 250 mm / class C40, per ELOT EN 545	YΔP 6623	m	70,00
334	YΔP 12.15.06	Pipes DN 300 mm / class C40, per ELOT EN 545	ΥΔΡ 6623	m	100,00
335 336	YΔP 12.15.07 YΔP 12.15.08	Pipes DN 350 mm / class C30, per ELOT EN 545 Pipes DN 400 mm / class C30, per ELOT EN 545	ΥΔΡ 6623 ΥΔΡ 6623	m	115,00
337	ΥΔΡ 12.15.09	Pipes DN 450 mm / class C30, per ELOT EN 545	ΥΔΡ 6623	m m	130,00 135,00
338	ΥΔΡ 12.15.10	Pipes DN 500 mm / class C30, per ELOT EN 545	ΥΔΡ 6623	m	150,00
339	YΔP 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	YΔP 12.15.13	Pipes DN 800 mm / class C25, per ELOT EN 545	ΥΔΡ 6623	m	255,00
342	YΔP 12.15.14	Pipes DN 900 mm / class C25, per ELOT EN 545	YΔP 6623	m	350,00
343	YΔP 12.15.15	Pipes DN 1000 mm / class C25, per ELOT EN 545	YΔP 6623	m	370,00
344	YΔP 12.15.16	Pipes DN 1100 mm / class C25, per ELOT EN 545	YΔP 6623	m	490,00
345	YΔP 12.15.17	Pipes DN 1200 mm / class C25, per ELOT EN 545	YΔP 6623	m	610,00
		Sewage networks made of ductile iron pipes			
346	YΔP 12.16.01	Pipes DN 100 mm, per EΛΟΤ EN 598	YΔP 6623	m	35,00
347	YΔP 12.16.02	Pipes DN 125 mm, per E∧OT EN 598	YΔP 6623	m	41,90
348	YΔP 12.16.03	Pipes DN 150 mm, per E∧OT EN 598	YΔP 6623	m	47,90
349	YΔP 12.16.04	Pipes DN 200 mm, per E∧OT EN 598	YΔP 6623	m	60,00
350	YΔP 12.16.05	Pipes DN 250 mm, per EΛΟΤ EN 598	YΔP 6623	m	80,00
351	YΔP 12.16.06	Pipes DN 300 mm, per EΛΟΤ EN 598	YΔP 6623	m	100,00
352	YΔP 12.16.07	Pipes DN 350 mm, per EΛΟΤ EN 598	YΔP 6623	m	115,00
353	YΔP 12.16.08	Pipes DN 400 mm, per E∧OT EN 598	YΔP 6623	m	130,00
354	YΔP 12.16.09	Pipes DN 450 mm, per E∧OT EN 598	YΔP 6623	m	140,00
355		Pipes DN 500 mm, per EAOT EN 598	ΥΔΡ 6623	m	160,00
356		Pipes DN 600 mm, per EAOT EN 598	YΔP 6623	m	190,00
357	YΔP 12.16.12	Pipes DN 700 mm, per EAOT EN 598	YΔP 6623	m	244,00
358	ΥΔΡ 12.16.13	Pipes DN 800 mm, per EAOT EN 598	YΔP 6623	m	285,00
359 360	YΔP 12.16.14 YΔP 12.16.15	Pipes DN 900 mm, per E∧OT EN 598 Pipes DN 1000 mm, per E∧OT EN 598	ΥΔΡ 6623	m	370,00
300	1ΔΓ 12.10.13	Piping special pieces made of spheroid graphite ductile iron	YΔP 6623	m	410,00
361	ΥΔΡ 12.17.01	Curves, Tees, stepdown adaptors plugs etc. of all types, sizes and			
001	12.17.01	pressure classes, per ELOT EN 545 & ELOT EN 598	ΥΔΡ 6623	kg	2,40
		Fixing items (saddles) of pressure pipes made of spheroid	121 0020	I Ng	2,40
		graphite ductile iron per ELOT EN 545, fully installed, with the			
		required bolts			
362	YΔP 12.17.02.01	Saddle DN 100 mm	ΥΔΡ 6623	рс	4,30
363	YΔP 12.17.02.02	Saddle DN 125 mm	ΥΔΡ 6623	рс	5,20
364	YΔP 12.17.02.03	Saddle DN 150 mm	ΥΔΡ 6623	рс	5,70
365	YΔP 12.17.02.04	Saddle DN 200 mm	YΔP 6623	рс	8,10
366	YΔP 12.17.02.05	Saddle DN 250 mm	YΔP 6623	рс	10,00
367	YΔP 12.17.02.06	Saddle DN 300 mm	YΔP 6623	рс	14,30
368	YΔP 12.17.02.07	Saddle DN 350 mm	YΔP 6623	рс	16,60
369	YΔP 12.17.02.08	Saddle DN 400 mm	YΔP 6623	рс	18,50
370	YΔP 12.17.02.09	Saddle DN 450 mm	YΔP 6623	рс	25,70
371	YΔP 12.17.02.10	Saddle DN 500 mm	YΔP 6623	рс	28,50
372	YΔP 12.17.02.11	Saddle DN 600 mm	YΔP 6623	рс	34,20
373	YΔP 12.17.02.12	Saddle DN 700 mm	YΔP 6623	рс	40,90
374	YΔP 12.17.02.13	Saddle DN 800 mm	YΔP 6623	рс	73,00
375	ΥΔΡ 12.17.02.14	Saddle DN 900 mm	YΔP 6623	рс	84,00
376	ΥΔΡ 12.17.02.15	Saddle DN 1000 mm	YΔP 6623	рс	88,00
377	ΥΔΡ 12.17.02.16	Saddle DN 1100 mm	YΔP 6623	рс	105,00
378	YΔP 12.17.02.17	Saddle DN 1200 mm	YΔP 6623	рс	124,00
070	VAD 40.40.04	Construction of straight sections of the network using steel pipes	T		
379	YΔP 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	VAD 0000 4	1	4.04
200	VAD 40 40 00	Haing stool pings, outer insulation of soal for /hiturain aug \ and	YΔP 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	VAD 6620.4	l.e	4.05
381	ΥΔΡ 12.18.03	Using steel pipes, outer insulation of coal tar (bituminous) and	ΥΔΡ 6630.1	kg	1,85
301	тДі 12.10.03	polyethylene sheet and inner insulation made of centrifugally applied			
		concrete (screed)	YΔP 6630.1	kg	1,90
382	YΔP 12.19	Curves, stepdown adaptors and steel pipes joints	ΥΔΡ 6630.1	kg	3,00
UU2	14.10	Logi 100, otopaotiti adaptoro ana otooi pipoo joliito	1.4. 0000.1	ı ng	3,00

383 YAP 12.20 Steel welding flanges Steel we	No.	Relevant Design Item	Type of Work	Rev. Item	Unit	Price
Design and construction of cathodic protection VaP 6630.1 km 1,000.00	383	VAD 12.20	Steel welding flanges	VAD 6651.1		4.50
Sel electrodynamic and resistance measurements (field works and report preparation) NAP 6630.1 km 1,000.00	303	1Д1 12.20		ΠΔΕ 0051.1	кy	4,50
report preparation) **Cathodic protection system design	384	ΥΔΡ 12.21.01				
See Apr 12.21.02 Cathodic protection system design YAP 6630.1 km 2.000,00						
See Name					km	
FITTINGS FOR PIPMO NETWORKS Silde adv adves, cast steel Flanged, normal pressure 16 atm YAP 6651.1 pc 152,00 388 XAP 13,03,03.01 Nominal diameter DN 80 mm YAP 6651.1 pc 238,00 389 XAP 13,03,03.03 Nominal diameter DN 80 mm YAP 6651.1 pc 238,00 389 XAP 13,03,03.05 Nominal diameter DN 150 mm YAP 6651.1 pc 238,00 XAP 13,03,03.07 Nominal diameter DN 150 mm YAP 6651.1 pc 258,00 XAP 13,03,03.07 Nominal diameter DN 150 mm YAP 6651.1 pc 580,00 XAP 13,03,03.07 Nominal diameter DN 150 mm YAP 6651.1 pc 580,00 XAP 13,03,04.01 Nominal diameter DN 150 mm YAP 6651.1 pc 580,00 XAP 13,03,04.01 Nominal diameter DN 150 mm YAP 6651.1 pc 700,00 XAP 13,03,04.02 Nominal diameter DN 150 mm YAP 6651.1 pc 700,00 XAP 13,03,04.03 Nominal diameter DN 150 mm YAP 6651.1 pc 700,00 XAP 13,03,04.04 Nominal diameter DN 200 mm YAP 6651.1 pc 700,00 XAP 13,03,04.04 Nominal diameter DN 200 mm YAP 6651.1 pc 700,00 XAP 13,03,04.05 Nominal diameter DN 200 mm YAP 6651.1 pc 700,00 XAP 13,04.04 Nominal diameter DN 200 mm YAP 6651.1 pc 700,00 XAP 13,04.04 Nominal diameter DN 200 mm YAP 6651.1 pc 700,00 XAP 13,04.04 Nominal diameter DN 200 mm YAP 6651.1 pc 700,00 XAP 13,04.04 Nominal diameter DN 200 mm 6 at YAP 6651.1 pc 700,00 XAP 13,04.04 Nominal diameter DN 200 mm 6 at YAP 6651.1 pc 700,00 XAP 13,04.04 Nominal diameter DN 200 mm 6 at YAP 6651.1 pc 700,00 XAP 13,04.04 Nominal diameter DN 200 mm 6 at YAP 6651.1 pc 700,00 XAP 13,04.04 Nominal diameter DN 200 mm 6 at YAP 6651.1 pc 700,00 XAP 13,04.04 Nominal diameter DN 200 mm 6 at YAP 6651.1 pc 700,00 XAP 13,04.04 Nominal diameter DN 200 mm 6 at YAP 6651.1 pc 700,00 XAP 13,04.05 Nominal diameter DN 200 mm 5 at YAP 6651.1 pc 700,00 XAP 13,04.05 Nominal diameter DN 200 mm 5 at YAP 6651.1 pc 700,00 XAP 13,04.05 Nominal diamete					km	
Silde_gate_vebs_cast_steel	386	ΥΔΡ 12.21.03		ΥΔΡ 6630.1	km	2.000,00
Flanged, normals pressure 16 atm YΔP 8651.1 pp. 152.00		***************************************				
387 YAP 13.03.03.01 Nominal diameter DN 80 mm						
388 YAP 13.03.03.02 Nominal diameter DN 80 mm	387	ΥΔΡ 13.03.03.01		YAP 6651 1	nc.	152 00
398 YAP 13.03.03.03 Nominal diameter DN 100 mm						
September Apr 13.03.03.07 Nominal diameter DN 200 mm	389	ΥΔΡ 13.03.03.03	Nominal diameter DN 100 mm	YΔP 6651.1	рс	
Planged, nominal pressure 25 atm	***************************************			······································	рс	~~~~
392 VAP 13.03.04.01 Nominal diameter DN 100 mm VAP 6651.1 pc 350.00	391	YΔP 13.03.03.07		ΥΔΡ 6651.1	рс	580,00
393 YAP 13.03.04.02 Nominal diameter DN 100 mm		\/AB 40.00.04.04		\\\\ \D_00=4_4		0=000
395 XAP 13.03.04.03 Nominal diameter DN 150 mm						
395 YAP 13.03.04.04 Nominal diameter DN 300 mm YAP 6651.1 pc 2.140.00						
396 YΔP 13.03.04.05 Normial diameter DN 300 mm YΔP 6651.1 pc 2.140.00					· · · · · · · · · · · · · · · · · · ·	
Flanged butterfly (wafer) valves, cast steel Nominal pressure 16 atm Nominal pressure 16 atm Nominal diameter DN 250 mm, 16 at YΔP 6651.1 pc 1.090,00 398 YAP 13.04.04.02 Nominal diameter DN 250 mm, 16 at YΔP 6651.1 pc 3.090,00 399 YAP 13.04.04.03 Nominal diameter DN 500 mm, 16 at YΔP 6651.1 pc 5.230,00 400 YAP 13.04.04.04 Nominal diameter DN 700 mm, 16 at YΔP 6651.1 pc 5.230,00 YΔP 13.04.04.05 Nominal diameter DN 700 mm, 16 at YΔP 6651.1 pc 5.290,00 Nominal diameter DN 700 mm, 16 at YΔP 6651.1 pc 5.290,00 Nominal diameter DN 250 mm, 25 at YΔP 6651.1 pc 1.430,00 YΔP 13.04.05.01 Nominal diameter DN 250 mm, 25 at YΔP 6651.1 pc 1.430,00 YΔP 13.04.05.03 Nominal diameter DN 250 mm, 25 at YΔP 6651.1 pc 1.430,00 YΔP 13.04.05.03 Nominal diameter DN 250 mm, 25 at YΔP 6651.1 pc 5.220,00 YΔP 13.04.05.05 Nominal diameter DN 800 mm, 25 at YΔP 6651.1 pc 7.980,00 YΔP 13.04.05.05 Nominal diameter DN 800 mm, 25 at YΔP 6651.1 pc 12.000,00 YΔP 13.04.05.05 Nominal diameter DN 800 mm, 25 at YΔP 6651.1 pc 12.000,00 YΔP 13.04.05.05 Nominal diameter DN 800 mm, 25 at YΔP 6651.1 pc 12.000,00 YΔP 13.04.05.05 Nominal diameter DN 800 mm, 25 at YΔP 6653.1 pc 137.50 YΔP 6653.1 pc 137.50 YΔP 6653.1 pc 137.50 YΔP 13.10.02.01 Nominal diameter DN 100 mm YΔP 6653.1 pc 137.50 YΔP 13.10.02.02 Nominal diameter DN 100 mm YΔP 6653.1 pc 137.50 YΔP 13.10.02.02 Nominal diameter DN 100 mm YΔP 6653.1 pc 13.000,00 YΔP 13.10.02.03 Nominal diameter DN 100 mm YΔP 6653.1 pc 13.000,00 YΔP 13.10.03.03 Nominal diameter DN 100 mm YΔP 6653.1 pc 13.000,00 YΔP 13.10.03.03 Nominal diameter DN 100 mm YΔP 6653.1 pc 13.000,00 YΔP 13.10.03.03 Nominal diameter DN 80 mm YΔP 6653.1 pc 13.000,00 YΔP 13.10.03.03 Nominal diameter DN 80 mm YΔP 6653.1 pc 13.000,00 YΔP 13.10.03.03 Nominal diameter DN 80 mm YΔP 6653.1 pc 13.000,0	*************		•	······		~~~*
Norminal pressure 16 atm						
399 YAP 13.04.04.02 Nominal diameter DN 400 mm, 16 at YAP 6651.1 pc 3.090,00 399 YAP 13.04.04.03 Nominal diameter DN 500 mm, 16 at YAP 6651.1 pc 4.280,00 400 YAP 13.04.04.04 Nominal diameter DN 700 mm, 16 at YAP 6651.1 pc 5.990,00 401 YAP 13.04.05.05 Nominal diameter DN 200 mm, 25 at YAP 6651.1 pc 5.990,00 402 YAP 13.04.05.01 Nominal diameter DN 200 mm, 25 at YAP 6651.1 pc 1.090,00 403 YAP 13.04.05.03 Nominal diameter DN 500 mm, 25 at YAP 6651.1 pc 1.430,00 404 YAP 13.04.05.04 Nominal diameter DN 600 mm, 25 at YAP 6651.1 pc 7.980,00 405 YAP 13.04.05.05 Nominal diameter DN 600 mm, 25 at YAP 6651.1 pc 7.980,00 407 YAP 13.04.05.06 Nominal diameter DN 600 mm, 25 at YAP 6651.1 pc 12.000,00 408 YAP 13.10.02.01 Nominal diameter DN 500 mm YAP 6651.1 pc 17.000,00 408 YAP 13.10.02.01						
1995 YAP 13.04.04.03 Nominal diameter DN 500 mm, 16 at YAP 6651.1 pc 5.230,00 YAP 13.04.04.04 Nominal diameter DN 700 mm, 16 at YAP 6651.1 pc 5.230,00 Nominal diameter DN 700 mm, 16 at YAP 6651.1 pc 5.290,00 Nominal diameter DN 700 mm, 16 at YAP 6651.1 pc 5.290,00 Nominal diameter DN 700 mm, 25 at YAP 6651.1 pc 1.090,00 YAP 13.04.05.02 Nominal diameter DN 250 mm, 25 at YAP 6651.1 pc 1.090,00 YAP 13.04.05.03 Nominal diameter DN 250 mm, 25 at YAP 6651.1 pc 5.320,00 YAP 13.04.05.04 Nominal diameter DN 250 mm, 25 at YAP 6651.1 pc 5.320,00 YAP 13.04.05.05 Nominal diameter DN 200 mm, 25 at YAP 6651.1 pc 12.000,00 YAP 13.04.05.06 Nominal diameter DN 800 mm, 25 at YAP 6651.1 pc 12.000,00 YAP 13.04.05.07 Nominal diameter DN 800 mm, 25 at YAP 6651.1 pc 12.000,00 YAP 13.04.05.07 Nominal diameter DN 800 mm, 25 at YAP 6651.1 pc 12.000,00 YAP 13.04.05.07 Nominal diameter DN 800 mm, 25 at YAP 6651.1 pc 12.000,00 YAP 13.00.02.01 Nominal diameter DN 800 mm YAP 6653.1 pc 137,50 YAP 13.10.02.02 Nominal diameter DN 80 mm YAP 6653.1 pc 247,00 YAP 13.10.02.03 Nominal diameter DN 80 mm YAP 6653.1 pc 247,00 YAP 13.10.02.05 Nominal diameter DN 80 mm YAP 6653.1 pc 13.00,00 YAP 13.10.03.01 Nominal diameter DN 80 mm YAP 6653.1 pc 13.00,00 YAP 13.10.03.01 Nominal diameter DN 80 mm YAP 6653.1 pc 13.00,00 Nominal diameter DN 80 mm YAP 6653.1 pc 13.00,00 YAP 13.10.03.01 Nominal diameter DN 80 mm YAP 6653.1 pc 13.00,00 Nominal diameter DN 80 mm YAP 6653.1 pc 13.00,00 Nominal diameter DN 80 mm YAP 6653.1 pc 13.00,00 YAP 13.10.03.02 Nominal diameter DN 80 mm YAP 6653.1 pc 13.00,00 YAP 13.10.03.02 Nominal diameter DN 80 mm YAP 6653.1 pc 13.00,00 YAP 6653.1 pc	397	ΥΔΡ 13.04.04.01	Nominal diameter DN 250 mm, 16 at	ΥΔΡ 6651.1	рс	1.090,00
400 YAP 13.04.04 A Nominal diameter DN 600 mm, 16 at YAP 6651.1 pc 5.230.00 YAP 13.04.04.05 Nominal diameter DN 700 mm, 16 at YAP 6651.1 pc 5.990.00 YAP 13.04.05.01 Nominal diameter DN 200 mm, 25 at YAP 6651.1 pc 1.090.00 YAP 13.04.05.02 Nominal diameter DN 200 mm, 25 at YAP 6651.1 pc 1.090.00 YAP 13.04.05.03 Nominal diameter DN 500 mm, 25 at YAP 6651.1 pc 5.320.00 YAP 13.04.05.04 Nominal diameter DN 500 mm, 25 at YAP 6651.1 pc 7.980.00 YAP 13.04.05.05 Nominal diameter DN 700 mm, 25 at YAP 6651.1 pc 7.980.00 YAP 13.04.05.06 Nominal diameter DN 700 mm, 25 at YAP 6651.1 pc 1.000.00 YAP 13.04.05.06 Nominal diameter DN 700 mm, 25 at YAP 6651.1 pc 1.000.00 YAP 13.04.05.06 Nominal diameter DN 800 mm, 25 at YAP 6651.1 pc 1.000.00 YAP 13.04.05.06 Nominal diameter DN 800 mm, 25 at YAP 6653.1 pc 1.000.00 YAP 13.10.02.01 Nominal diameter DN 80 mm YAP 6653.1 pc 1.000.00 YAP 13.10.02.02 Nominal diameter DN 80 mm YAP 6653.1 pc 1.000.00 YAP 13.10.02.02 Nominal diameter DN 80 mm YAP 6653.1 pc 247.00 YAP 13.10.02.03 Nominal diameter DN 150 mm YAP 6653.1 pc 3.000.00 YAP 13.10.02.03 Nominal diameter DN 150 mm YAP 6653.1 pc 3.000.00 YAP 13.10.02.03 Nominal diameter DN 80 mm YAP 6653.1 pc 3.000.00 YAP 13.10.03.01 Nominal diameter DN 80 mm YAP 6653.1 pc 3.000.00 YAP 13.10.03.01 Nominal diameter DN 80 mm YAP 6653.1 pc 3.000.00 YAP 13.10.03.01 Nominal diameter DN 80 mm YAP 6653.1 pc 3.000.00 YAP 6653.1	398			YΔP 6651.1	рс	3.090,00
401 YΔP 13.04.04.05 Nominal diameter DN 700 mm, 16 at YΔP 6651.1 pc 5.990,00 Nominal pressure 25 atm YΔP 6651.1 pc 1.090,00 402 YΔP 13.04.05.01 Nominal diameter DN 200 mm, 25 at YΔP 6651.1 pc 1.430,00 404 YΔP 13.04.05.02 Nominal diameter DN 200 mm, 25 at YΔP 6651.1 pc 5.20,00 405 YΔP 13.04.05.03 Nominal diameter DN 200 mm, 25 at YΔP 6651.1 pc 5.20,00 406 YΔP 13.04.05.05 Nominal diameter DN 600 mm, 25 at YΔP 6651.1 pc 12.000,00 407 YΔP 13.04.05.05 Nominal diameter DN 800 mm, 25 at YΔP 6651.1 pc 12.000,00 407 YΔP 13.04.05.05 Nominal diameter DN 800 mm, 25 at YΔP 6651.1 pc 12.000,00 YΔP 13.04.05.05 Nominal diameter DN 800 mm, 25 at YΔP 6651.1 pc 12.000,00 YΔP 13.00.02.05 Nominal diameter DN 800 mm YΔP 6653.1 pc 13.000,00 YΔP 13.10.02.02 Nominal diameter DN 800 mm YΔP 6653.1 pc 247,00 YΔP 13.10.02.03 Nominal diameter DN 800 mm YΔP 6653.1 pc 247,00 YΔP 13.10.02.03 Nominal diameter DN 100 mm YΔP 6653.1 pc 320,00 YΔP 13.10.02.03 Nominal diameter DN 90 mm YΔP 6653.1 pc 320,00 YΔP 13.10.03.03 Nominal diameter DN 90 mm YΔP 6653.1 pc 340,00 YΔP 13.10.03.03 Nominal diameter DN 90 mm YΔP 6653.1 pc 340,00 YΔP 13.10.03.03 Nominal diameter DN 90 mm YΔP 6653.1 pc 480,00 YΔP 13.10.03.03 Nominal diameter DN 90 mm YΔP 6653.1 pc 480,00 YΔP 13.10.03.03 Nominal diameter DN 90 mm YΔP 6653.1 pc 480,00 YΔP 13.15.02.01 Nominal diameter DN 90 mm YΔP 6653.1 pc 480,00 YΔP 13.15.02.03 Nominal diameter DN 90 mm YΔP 6653.1 pc 480,00 YΔP 13.15.02.01 Nominal diameter DN 90 mm YΔP 6651.1 pc 43.86 YΔP 13.15.02.01 Nominal diameter DN 90 mm YΔP 6651.1 pc 43.86 YΔP 13.15.02.15 Nominal diameter DN 90 mm YΔP 6651.1 pc 47.00 YΔP 6651.1 pc 17.00 YΔP 6651.1 pc 17.00 YΔP 40.10 YΔP 13.15.02.16 Nominal diameter DN 90 mm YΔP 6651.1 pc 17.00 YΔP 6651.1 pc 17.00 YΔP 6651.1 pc 17.00 YΔP 665				······	рс	
Nominal pressure 25 atm						
402 YΔP 13.04.05.01 Nominal diameter DN 200 mm, 25 at YΔP 6651.1 pc 1.090,00 YΔP 13.04.05.02 Nominal diameter DN 250 mm, 25 at YΔP 6651.1 pc 1.430,00 YΔP 13.04.05.03 Nominal diameter DN 500 mm, 25 at YΔP 6651.1 pc 1.320,00 YΔP 13.04.05.04 Nominal diameter DN 600 mm, 25 at YΔP 6651.1 pc 7.980,00 YΔP 13.04.05.05 Nominal diameter DN 700 mm, 25 at YΔP 6651.1 pc 12.000,00 YΔP 13.04.05.05 Nominal diameter DN 700 mm, 25 at YΔP 6651.1 pc 12.000,00 YΔP 13.04.05.05 Nominal diameter DN 800 mm, 25 at YΔP 6651.1 pc 12.000,00 YΔP 13.04.05.05 Nominal diameter DN 800 mm, 25 at YΔP 6651.1 pc 137.50 YΔP 13.10.02.02 Nominal diameter DN 80 mm YΔP 6653.1 pc 137.50 YΔP 13.10.02.02 Nominal diameter DN 80 mm YΔP 6653.1 pc 247.00 YΔP 13.10.02.03 Nominal diameter DN 80 mm YΔP 6653.1 pc 247.00 YΔP 13.10.02.03 Nominal diameter DN 80 mm YΔP 6653.1 pc 247.00 YΔP 13.10.02.05 Nominal diameter DN 100 mm YΔP 6653.1 pc 720,00 YΔP 13.10.03.05 Nominal diameter DN 200 mm YΔP 6653.1 pc 1.350,00 Nominal pressure 25 atm YΔP 6653.1 pc 340,00 YΔP 13.10.03.03 Nominal diameter DN 80 mm YΔP 6653.1 pc 340,00 YΔP 13.10.03.03 Nominal diameter DN 80 mm YΔP 6653.1 pc 340,00 YΔP 13.10.03.03 Nominal diameter DN 80 mm YΔP 6653.1 pc 340,00 YΔP 13.10.03.03 Nominal diameter DN 80 mm YΔP 6653.1 pc 340,00 YΔP 13.10.03.05 Nominal diameter DN 80 mm YΔP 6653.1 pc 480,00 YΔP 13.10.03.05 Nominal diameter DN 80 mm YΔP 6653.1 pc 480,00 YΔP 6653.1 pc 480,00 YΔP 6653.1 pc 480,00 YΔP 13.15.02.05 Nominal diameter DN 100 mm YΔP 6653.1 pc 480,00 YΔP 6653.1	401	ΥΔΡ 13.04.04.05		ΥΔΡ 6651.1	рс	5.990,00
403 YΔP 13.04.05.02 Nominal diameter DN 250 mm, 25 at YΔP 6651.1 pc 1.430,00	402	VAD 12 04 05 01		VAD 0054 4		4 000 00
404 YΔP 13.04.05.03 Nominal diameter DN 500 mm, 25 at YΔP 6651.1 pc 5.320,00						***************************************
405 YΔP 13.04.05.04 Nominal diameter DN 600 mm, 25 at YΔP 6651.1 pc 7.980,00 YΔP 13.04.05.05 Nominal diameter DN 700 mm, 25 at YΔP 6651.1 pc 12.000,00 YΔP 13.04.05.06 Nominal diameter DN 800 mm, 25 at YΔP 6651.1 pc 16.000,00 YΔP 13.00.00 Nominal diameter DN 800 mm, 25 at YΔP 6651.1 pc 16.000,00 Nominal diameter DN 800 mm YΔP 6653.1 pc 137,50 YΔP 13.10.02.01 Nominal diameter DN 80 mm YΔP 6653.1 pc 247,00 YΔP 13.10.02.02 Nominal diameter DN 80 mm YΔP 6653.1 pc 247,00 YΔP 13.10.02.03 Nominal diameter DN 100 mm YΔP 6653.1 pc 320,00 YΔP 13.10.02.04 Nominal diameter DN 150 mm YΔP 6653.1 pc 720,00 YΔP 13.10.02.05 Nominal diameter DN 200 mm YΔP 6653.1 pc 340,00 Nominal diameter DN 150 mm YΔP 6653.1 pc 340,00 Nominal diameter DN 150 mm YΔP 6653.1 pc 340,00 Nominal diameter DN 150 mm YΔP 6653.1 pc 340,00 Nominal diameter DN 150 mm YΔP 6653.1 pc 340,00 Nominal diameter DN 150 mm YΔP 6653.1 pc 520,00 Nominal diameter DN 150 mm YΔP 6653.1 pc 520,00 Nominal diameter DN 150 mm YΔP 6653.1 pc 520,00 Nominal diameter DN 150 mm YΔP 6653.1 pc 520,00 Nominal diameter DN 150 mm YΔP 6653.1 pc 520,00 Nominal diameter DN 150 mm YΔP 6653.1 pc 43,86 Nominal diameter DN 150 mm YΔP 6653.1 pc 43,86 Nominal diameter DN 150 mm YΔP 6651.1 pc 43,86 Nominal diameter DN 50 mm YΔP 6651.1 pc 43,86 Nominal diameter DN 50 mm YΔP 6651.1 pc 410,00 Nominal diameter DN 50 mm YΔP 6651.1 pc 410,00 Nominal diameter DN 50 mm YΔP 6651.1 pc 171,00 Nominal diameter DN 50 mm YΔP 6651.1 pc 171,00 Nominal diameter DN 50 mm YΔP 6651.1 pc 171,00 Nominal diameter DN 50 mm YΔP 6651.1 pc 171,00 Nominal diameter DN 50 mm YΔP 6651.1 pc 171,00 Nominal diameter DN 50 mm YΔP 6651.1 pc 171,00 Nominal diameter DN 50 mm YΔP 6651.1 pc 171,00 Nominal diameter DN 50 mm YΔP 6651.1 pc						
406 YΔP 13.04.05.05 Nominal diameter DN 700 mm, 25 at YΔP 6651.1 pc 12.000,00 VΔP 13.04.05.06 Nominal diameter DN 800 mm, 25 at YΔP 6651.1 pc 16.000,00 Nominal diameter DN 800 mm, 25 at YΔP 6651.1 pc 16.000,00 Nominal diameter DN 800 mm YΔP 6653.1 pc 137,50 VΔP 13.10.02.01 Nominal diameter DN 50 mm YΔP 6653.1 pc 247,00 VΔP 13.10.02.02 Nominal diameter DN 100 mm YΔP 6653.1 pc 247,00 VΔP 13.10.02.04 Nominal diameter DN 150 mm YΔP 6653.1 pc 720,00 VΔP 13.10.02.05 Nominal diameter DN 150 mm YΔP 6653.1 pc 720,00 VΔP 13.10.02.05 Nominal diameter DN 150 mm YΔP 6653.1 pc 720,00 Nominal diameter DN 150 mm YΔP 6653.1 pc 1.350,00 Nominal diameter DN 150 mm YΔP 6653.1 pc 340,00 Nominal diameter DN 80 mm YΔP 6653.1 pc 340,00 VΔP 13.10.03.01 Nominal diameter DN 80 mm YΔP 6653.1 pc 340,00 VΔP 13.10.03.02 Nominal diameter DN 150 mm YΔP 6653.1 pc 520,00 VΔP 13.10.03.03 Nominal diameter DN 150 mm YΔP 6653.1 pc 520,00 VΔP 13.10.03.04 Nominal diameter DN 150 mm YΔP 6653.1 pc 520,00 VΔP 13.10.03.05 Nominal diameter DN 150 mm YΔP 6653.1 pc 520,00 VΔP 13.15.02.05 Nominal diameter DN 200 mm YΔP 6653.1 pc 1.620,00 Steel dismantling joints Nominal diameter DN 50 mm YΔP 6651.1 pc 43.86 VΔP 13.15.02.03 Nominal diameter DN 50 mm YΔP 6651.1 pc 43.86 VΔP 13.15.02.03 Nominal diameter DN 50 mm YΔP 6651.1 pc 171,00 VΔP 13.15.02.16 Nominal diameter DN 50 mm YΔP 6651.1 pc 171,00 Nominal diameter DN 50 mm YΔP 6651.1 pc 1.500,00 Nominal diameter DN 50 mm YΔP 6651.1 pc 1.500,00 Nominal diameter DN 50 mm YΔP 6651.1 pc 1.500,00 Nominal diameter DN 50 mm YΔP 6651.1 pc 1.500,00 Nominal diameter DN 50 mm YΔP 6651.1 pc 1.500,00 Nominal diameter DN 50 mm YΔP						
407 YΔP 13.04.05.06 Nominal diameter DN 800 mm, 25 at YΔP 1651.1 pc 16.000.00						
Nominal pressure 16 atm	407	ΥΔΡ 13.04.05.06	Nominal diameter DN 800 mm, 25 at	ΥΔΡ 6651.1	рс	
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 13.10.02.02 Nominal diameter DN 100 mm ΥΔΡ 6653.1 pc 220,00 411 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 1.350,00 413 ΥΔΡ 13.10.03.01 Nominal diameter DN 50 mm ΥΔΡ 6653.1 pc 1.350,00 415 ΥΔΡ 13.10.03.02 Nominal diameter DN 80 mm ΥΔΡ 6653.1 pc 520,00 416 ΥΔΡ 13.10.03.03 Nominal diameter DN 150 mm ΥΔΡ 6653.1 pc 520,00 417 ΥΔΡ 13.10.03.04 Nominal diameter DN 150 mm ΥΔΡ 6653.1 pc 920,00 418 ΥΔΡ 13.15.02.01 Nominal diameter DN 50 mm ΥΔΡ 6651.1 pc 43,86<			Kinetic dual orifice air-relief valves			
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 150 mm ΥΔΡ 6653.1 pc 320,00 411 ΥΔΡ 13.10.02.04 Nominal diameter DN 200 mm YΔP 6653.1 pc 720,00 412 ΥΔΡ 13.10.03.05 Nominal diameter DN 50 mm YΔP 6653.1 pc 340,00 413 ΥΔΡ 13.10.03.02 Nominal diameter DN 50 mm YΔP 6653.1 pc 340,00 415 ΥΔΡ 13.10.03.02 Nominal diameter DN 100 mm YΔP 6653.1 pc 340,00 415 ΥΔΡ 13.10.03.03 Nominal diameter DN 100 mm YΔP 6653.1 pc 320,00 416 ΥΔΡ 13.10.03.04 Nominal diameter DN 100 mm YΔP 6653.1 pc 920,00 417 ΥΔΡ 13.10.03.05 Nominal diameter DN 200 mm YΔP 6653.1 pc 43.86 418 ΥΔΡ 13.15.02.03 Nominal diameter DN 50 mm YΔP 6651.1						
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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 200 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 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 410,00 421 ΥΔΡ 13.15.02.09 Nominal diameter DN 250 mm ΥΔΡ 6651.1 pc 780,00 422 ΥΔΡ 13.15.02.12 Nominal diameter DN 500 mm ΥΔΡ 6651.1 pc 780,00 423 ΥΔΡ 13.15.02.14 Nominal diameter DN 600 mm ΥΔΡ 6651.1 pc 1.240,00 424 ΥΔΡ 13.15.02.16 Nominal diameter DN 700 mm ΥΔΡ 6651.1 pc 1.570,00	413	YΔP 13.10.03.01		ΥΔΡ 6653.1	рс	340,00
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 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 13.15.02.00 Nominal diameter DN 150 mm ΥΔΡ 6651.1 pc 171,00 421 ΥΔΡ 13.15.02.00 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 13.15.02.15 Nominal diameter DN 500 mm ΥΔΡ 6651.1 pc 970,00 424 ΥΔΡ 13.15.02.16 Nominal diameter DN 700 mm ΥΔΡ 6651.1 pc 1.570,00 425 ΥΔΡ 13.15.03.01 Nominal diameter DN 80 mm ΥΔΡ 6651.1 pc 90,00 426 ΥΔΡ <td>414</td> <td>YΔP 13.10.03.02</td> <td>Nominal diameter DN 80 mm</td> <td></td> <td>рс</td> <td></td>	414	YΔP 13.10.03.02	Nominal diameter DN 80 mm		рс	
417 ΥΔΡ 13.10.03.05 Nominal diameter DN 200 mm ΥΔΡ 6653.1 pc 1.620,00 Steel dismantling joints 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 1.570,00 425 ΥΔΡ 13.15.03.01 Nominal diameter DN 700 mm ΥΔΡ 6651.1 pc 90,00 426 ΥΔΡ 13.15.03.03 Nominal diameter DN 80 mm ΥΔΡ 6651.1 pc 90,00 428 ΥΔΡ 13.15.03.03 Nominal diameter DN 250 mm ΥΔΡ 6651.1 pc	415			ΥΔΡ 6653.1	рс	520,00
Steel dismantling joints Nominal pressure PN 16 at					рс	
Nominal pressure PN 16 at 418 YΔP 13.15.02.01 Nominal diameter DN 50 mm YΔP 6651.1 pc 43,86 419 YΔP 13.15.02.03 Nominal diameter DN 80 mm YΔP 6651.1 pc 82,00 420 YΔP 13.15.02.06 Nominal diameter DN 150 mm YΔP 6651.1 pc 171,00 421 YΔP 13.15.02.09 Nominal diameter DN 250 mm YΔP 6651.1 pc 410,00 422 YΔP 13.15.02.12 Nominal diameter DN 400 mm YΔP 6651.1 pc 780,00 423 YΔP 13.15.02.14 Nominal diameter DN 500 mm YΔP 6651.1 pc 970,00 424 YΔP 13.15.02.15 Nominal diameter DN 600 mm YΔP 6651.1 pc 1.240,00 425 YΔP 13.15.02.16 Nominal diameter DN 700 mm YΔP 6651.1 pc 1.570,00 Nominal pressure PN 25 at 426 YΔP 13.15.03.01 Nominal diameter DN 80 mm YΔP 6651.1 pc 90,00 427 YΔP 13.15.03.02 Nominal diameter DN 150 mm YΔP 6651.1 pc 185,00 428 YΔP 13.15.03.03 Nominal diameter DN 200 mm YΔP 6651.1 pc 276,00 429 YΔP 13.15.03.04 Nominal diameter DN 250 mm YΔP 6651.1 pc 276,00 429 YΔP 13.15.03.04 Nominal diameter DN 250 mm YΔP 6651.1 pc 400,00	417	YΔP 13.10.03.05		ΥΔΡ 6653.1	рс	1.620,00
418ΥΔP13.15.02.01Nominal diameter DN 50 mmΥΔP 6651.1pc43,86419ΥΔP13.15.02.03Nominal diameter DN 80 mmΥΔP 6651.1pc82,00420ΥΔP13.15.02.06Nominal diameter DN 150 mmΥΔP 6651.1pc171,00421ΥΔP13.15.02.09Nominal diameter DN 250 mmΥΔP 6651.1pc410,00422ΥΔP13.15.02.12Nominal diameter DN 400 mmΥΔP 6651.1pc780,00423ΥΔP13.15.02.14Nominal diameter DN 500 mmΥΔP 6651.1pc970,00424ΥΔP13.15.02.15Nominal diameter DN 600 mmΥΔP 6651.1pc1.240,00425ΥΔP13.15.02.16Nominal diameter DN 700 mmYΔP 6651.1pc1.570,00Nominal pressure PN 25 atNominal diameter DN 80 mmΥΔP 6651.1pc90,00426ΥΔP13.15.03.01Nominal diameter DN 150 mmΥΔP 6651.1pc185,00428ΥΔP13.15.03.03Nominal diameter DN 200 mmΥΔP 6651.1pc276,00429ΥΔP13.15.03.04Nominal diameter DN 250 mmΥΔP 6651.1pc400,00						
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	430	YΔP 13.15.03.05	Nominal diameter DN 500 mm	ΥΔΡ 6651.1	рс	920,00

No.	Relevant Design Item	Type of Work		Unit	Price
431	ΥΔΡ 13.15.03.06	Nominal diameter DN 600 mm	ΥΔΡ 6651.1	no	1.240,00
432	YΔP 13.15.03.07	Nominal diameter DN 700 mm	ΥΔΡ 6651.1	pc pc	1.600,00
433	YΔP 13.15.03.08	Nominal diameter DN 800 mm	ΥΔΡ 6651.1	рс	2.240,00
400	ТДІ 13.13.03.00	WORKS FOR THE REPAIR AND MAINTENANCE OF NETWORKS AND OTHER MINOR STRUCTURES	1AF 0051.1	pc	2.240,00
434	YΔP 16.01	Connection of water sump discharge pipe with the rainwater network	YΔP 6744	nc	95,00
435	ΥΔΡ 16.02	Retaining of overhead networks pole	ΥΔΡ 6801	pc	28,50
436	YΔP 16.03	Construction of connector to concrete pipes for the connection of	121 0001	рс	20,30
730	1Д1 10.03	properties with the sewage network	OIK-2226	nc	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	pc m	14,30
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)	ΥΔΡ 6053	m3	19,00
		Repair of sump with damaged front panel and covering, up to 35 cm			
		<u>wide</u>			
439	ΥΔΡ 16.06.01.01	For the first side opening of the sump	ΥΔΡ 6327x50% ΥΔΡ 6301x50%	рс	95,00
440	ΥΔΡ 16.06.01.02	For each additional opening	ΥΔΡ 6327x50% ΥΔΡ 6301x50%	рс	67,00
		Repair of sump with damaged front panel and covering, wider than 35	0301X3076	ρc	07,00
		cm			
441	ΥΔΡ 16.06.02.01	For the first side opening of the sump	ΥΔΡ 6327x50% ΥΔΡ 6301x50%	рс	143,00
442	ΥΔΡ 16.06.02.02	For each additional opening	ΥΔΡ 6327x50% ΥΔΡ		
			6301x50%	рс	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	YΔP 6327x50% YΔP 6301x50%	рс	76,00
444	ΥΔΡ 16.07.02	For each additional opening	ΥΔΡ		
		Cleaning a sump with side opening without a grid (type T)	6327x50% ΥΔΡ 6301x50%	рс	28,50
445	ΥΔΡ 16.08.01	Cleaning of single opening sump	VAD		
443	1ΔF 10.06.01	Cleaning of single opening sump	ΥΔΡ 6120x70% ΥΔΡ 6107x30%	рс	38,00
446	ΥΔΡ 16.08.02	Cleaning of sump – each additional opening	ΥΔΡ 6120x70% ΥΔΡ		19,00
447	ΥΔΡ 16.09	Reconstruction of pipe sections connecting the sump with the rainwater network	er 6107x30% pc pc pc pc pc pc pc p		190,00
448	ΥΔΡ 16.10	Cutting off water supply from the hydrant	HΛM-4	рс	3,40
449		Installation or replacement of water supply manhole	HΛM-4	рс	47,50
450		Repair of water supply manhole	H∧M-4	рс	28,50
451	ΥΔΡ 16.13	Repair of water supply marriage Repair of a leaking water supply connection	HΛM-4	рс	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	YΔP 6327	рс	1.190,00
453	ΥΔΡ 16.14.02	Manhole with interior diameter 1,50 m	ΥΔΡ 6327	рс	1.520,00

No.	Relevant Design Item	Type of Work	Rev. Item	Unit	Price
454	Configuration of the connection of a new water supply existing out of service cast iron or asbestos-cement pi Tee piece		ΥΔΡ 6327	рс	1.900,00
455		For existing pipe diameter Φ 80 or Φ 100 mm	H∧M-4	рс	238,00
456		For existing pipe diameter Φ 150 mm	H∧M-4	рс	285,00
457	ΥΔΡ 16.15.03	For existing pipe diameter Φ 200 mm	H∧M-4	рс	330,00
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	ΗΛΜ-4	рс	380,00
459	YΔP 16.16.01	For existing pipe diameter Φ 80 or Φ 100 mm	YΔP 6630.1	рс	271,00
460	YΔP 16.16.02	For existing pipe diameter Φ 150 mm	YΔP 6630.1	рс	310,00
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	ΥΔΡ 6630.1	рс	450,00
462	YΔP 16.17.01	For existing pipe diameter Φ 80 or Φ 100 mm	YΔP 6630.1	рс	124,00
463	ΥΔΡ 16.17.02	For existing pipe diameter Φ 150 mm	YΔP 6630.1	рс	162,00
464	YΔP 16.17.03	For existing pipe diameter Φ 200 mm	YΔP 6630.1	рс	190,00
465	YΔP 16.17.04	For existing pipe diameter Φ 250 mm	YΔP 6630.1	рс	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	YΔP 6611.1 x 30% + YΔP 6622.1 x 70%	рс	114,00
467	ΥΔΡ 16.18.02	For existing pipe diameter Φ 150 mm	ΥΔΡ 6611.1 x 30% + ΥΔΡ 6622.1 x 70%	рс	133,00
468	ΥΔΡ 16.18.03	For existing pipe diameter Φ 200 mm	YΔP 6611.1 x 30% + YΔP 6622.1 x 70%	рс	162,00
469	ΥΔΡ 16.18.04	For existing pipe diameter Φ 250 mm	YΔP 6611.1 x 30% + YΔP 6622.1 x 70%		
		Disconnection of the existing water supply pipe from the network	0022.1 x 70%	рс	228,00
470	ΥΔΡ 16.20.01	For existing pipe diameter Φ 80 mm	ΥΔΡ 6630.1 x 35% + ΥΔΡ 6611.1 x 65%	рс	47,50
471	ΥΔΡ 16.20.02	For existing pipe diameter Φ 100 mm	YΔP 6630.1 x 35% + YΔP 6611.1 x 65%	рс	52,00
472	ΥΔΡ 16.20.03	For existing pipe diameter Φ 150 mm	YΔP 6630.1 x 35% + YΔP 6611.1 x 65%	рс	62,00
473	ΥΔΡ 16.20.04	For existing pipe diameter Φ 200 mm Installation of multiple distributor Φ63 on existing pipe to install	YΔP 6630.1 x 35% + YΔP 6611.1 x 65%	рс	76,00
474	ΥΔΡ 16.21.01	water supplies For a distance of the water mains access from the closest site of the			
475	ΥΔΡ 16.21.02	manhole with the water maters ≤ 4,00 m For a distance of the water mains access from the closest site of the	ΥΔΡ 6630.1	рс	190,00
•		manhole with the water meters > 4,00 m	YΔP 6630.1	рс	219,00
476	YΔP 16.22	Lowering or raising an existing water supply with copper pipes	ΥΔΡ 6630.1	рс	23,80
477	ΥΔΡ 16.27	Locating and adjusting the elevation of the valve manhole as to the road pavement	OIK-2226	рс	95,00
478	YΔP 16.28	Cleaning the valve manhole	OIK-2226	рс	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		22.00
480	ΥΔΡ 16.30.02	Cleaning of type A sump (with grid and side opening) for each additional opening	6107x30% ΥΔΡ 6120x70% ΥΔΡ	рс	23,80
			6107x30%	рс	9,50
481	YΔP 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	YΔP 16.40.01	Cleaning of sewage pipe DN 200-300 mm	YΔP 6120	m	5,10
483		Cleaning of sewage pipe DN 315-400 mm	YΔP 6120	m	6,50
484 485		Cleaning of sewage pipe DN 450-600 mm Digital video recording inside sewage pipes	ΥΔΡ 6120 ΥΔΡ 6120	m	7,80
400	1ΔΓ 10.43	Point repair of interior pipe walls using fiber glass, not including	1ΔΡ 0120	m	6,00
		preparation works			
486	ΥΔΡ 16.50.01	Repair of pipe DN 200-250, along a length of up to 100 cm, with triple			
100	121 10.00.01	layer of fiber glass fiber 1100 gr/cm2, not including preparation works	YΔP 6370	рс	360,00
487	ΥΔΡ 16.50.02	Repair of pipe DN 200-250, along a length of up to 100 cm, with four	12. 00.0	Po	000,00
		layers of fiber glass fiber, not including preparation works	YΔP 6370	рс	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	YΔP 6370	рс	380,00
489	YΔP 16.50.04	Repair of pipe DN 200-250, along a length of 101 up to 180 cm, with			
490	ΥΔΡ 16.50.05	four layers of fiber glass fiber, not including preparation works Repair of pipe DN 315-400, along a length of up to 100 cm, with triple	ΥΔΡ 6370	рс	410,00
404	\/AD 40 50 00	layer of fiber glass fiber 1100 gr/cm2, not including preparation works	ΥΔΡ 6370	рс	400,00
491	YΔP 16.50.06	Repair of pipe DN 315-400, along a length of up to 100 cm, with four	\/A D 0070		440.00
492	ΥΔΡ 16.50.07	layers of fiber glass fiber, not including preparation works 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	ΥΔΡ 6370	рс	440,00
493	ΥΔΡ 16.50.08	works Repair of pipe DN 315-400, along a length of 101 up to 180 cm, with	ΥΔΡ 6370	рс	460,00
		four layers of fiber glass fiber, not including preparation works Interior pipe walls repair by gluing a fiber glass based fabric,	ΥΔΡ 6370	рс	490,00
		including all preparation works			
494	YΔP 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	YΔP 6370	рс	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	YΔP 6370	рс	570,00
496	ΥΔΡ 16.51.03	Repair of pipe DN 200-250, along a length of 101 up to 180 cm, with	121 0070	PC	010,00
		fiber glass fiber 1100 gr/cm2, including all preparation works	YΔP 6370	рс	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	рс	720,00
498	ΥΔΡ 16.51.05	Repair of pipe DN 315-400, along a length of up to 100 cm, with fiber			
499	ΥΔΡ 16.51.06	glass fiber 1100 gr/cm2, including all preparation works 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	рс	440,00
		grass riber of riigh meenameal strength, moluding all preparation works	YΔP 6370	рс	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	рс	560,00
501	ΥΔΡ 16.51.08	Repair of pipe DN 315-400, along a length of 100 up to 180 cm, with			300,00
		fiber glass fiber of high mechanical strength, including all preparation works	YΔP 6370	рс	720,00
		Repair of flow connections to the sewage network, via			
FOO	VAD 16 52 04	intervention from inside the pipe, without a trench			
502		Repair of side connections up to Φ160 to Φ200-600 ducts, not including preparation works Repair of side connections up to Φ160 to Φ200-600 ducts, including all	YΔP 6370	рс	600,00
303	141 10.04.04	preparation works	YΔP 6370	рс	720,00
		Sewage pipe elastic coupler stainless steel shield	.2. 0070	рс	, 20,00
504	ΥΔΡ 16.53.01	For pipes DN 200-250 mm	ΥΔΡ 6370	рс	115,00
	10.00.01	[1171 0010	L 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	рс	135,00
506	YΔP 16.53.03	For pipes DN 400 mm	YΔP 6370	рс	195,00
GRO	OUP D: ELECTRO	DMECHANICAL WORKS			
		STREET LIGHTING INSTALLATIONS			
		Steel Street Lighting Columns			
	HΛM 60.10.01.01	Steel Street Lighting Column 6.00 m high	H∧M-101	рс	1.000,00
	HΛM 60.10.01.02	Steel Street Lighting Column 9.00 m high	HΛM-101	рс	1.200,00
	HΛM 60.10.01.03	Steel Street Lighting Column 10.00 m high	H∧M-101	рс	1.250,00
	H/M 60.10.01.04	Steel Street Lighting Column 12,00 m	H∧M-101	рс	1.400,00
511	HΛM 60.10.01.05	Steel Street Lighting Column 15,00 m	H∧M-101	рс	1.600,00
540	LIAM CO 40 02 04	Street lighting cement columns	T		
512	H/M 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	11414 400		000.00
512	HΛM 60.10.02.02	Cement column, 6.00m high, external base diameter 200 mm, weighing	HΛM-100	рс	900,00
515	11/101 00.10.02.02	280 kg, on a base of 1.00x1.00m and 1.50m deep	HΛM-100	nc	950,00
514	HΛM 60.10.02.03	Cement column, 7.00m high, external base diameter 215 mm, weighing	11/11/1-100	рс	930,00
017	117 (W) 00.10.02.00	320 kg, on a base of 1.00x1.00m and 1.50m deep	H∧M-100	рс	1.050,00
515	HΛM 60.10.02.04	Cement column, 9.00m high, external base diameter 245 mm, weighing	117 117 100	PO	1.000,00
		485 kg, on a base of 1.00x1.00m and 1.50m deep	H∧M-100	рс	1.150,00
516	HΛM 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	H∧M-100	рс	1.200,00
517	HΛM 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	H∧M-100	рс	1.300,00
518	HΛM 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	H∧M-100	рс	1.350,00
519	HΛM 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	H∧M-100	рс	1.400,00
520	HAM 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	H∧M-100	рс	1.450,00
F04	LIAM 00 40 40 04	Arm luminaires for street lighting with NaLP lamps semi cut-off	11484 400	рс	400.00
521	HΛM 60.10.10.01	Wattage 180 W Arm lighting fixtures for street lighting with NaHP lamps semi cut- off	H∧M-103	рс	400,00
522	HΛM 60.10.20.01	Wattage 70 W	HΛM-103	pc	250,00
	HAM 60.10.20.02	Wattage 100 W	HΛM-103	pc	280,00
	HAM 60.10.20.03	Wattage 150 W	HΛM-103	рс	300,00
	HAM 60.10.20.04	Wattage 250 W	H∧M-103	рс	320,00
*************	HAM 60.10.20.05	Wattage 400 W	H∧M-103	рс	340,00
*************		Street lighting pillars			
527	HΛM 60.10.80.01	Four-output street lighting pillar	HΛM-52	рс	2.500,00
528	HΛM 60.10.80.02	Eight-output street lighting pillar	HΛM-52	рс	2.750,00
529	HΛM 60.10.80.03	Twenty-output street lighting pillar	H∧M-52	рс	3.250,00
	HΛM 60.10.80.04	Twenty five-output street lighting pillar	HΛM-52	рс	3.500,00
531	HAM 60.10.80.05	Thirty-output street lighting pillar	HΛM-52	рс	3.750,00
		III and a company of the all the contribution and the company of t			
		Underground cables pulling and connecting manholes			
***************************************	HΛM 60.10.85.01	Cable pulling manhole 40x40 cm	ΟΔΟ-2548	рс	60,00
533	HΛM 60.10.85.02	Cable pulling manhole 40x40 cm Cable pulling manhole 60x40 cm	ΟΔΟ-2548	pc pc	100,00
533		Cable pulling manhole 40x40 cm Cable pulling manhole 60x40 cm Cable connecting manhole 120x80 cm	· · · · · · · · · · · · · · · · · · ·		
533	HΛM 60.10.85.02	Cable pulling manhole 40x40 cm Cable pulling manhole 60x40 cm Cable connecting manhole 120x80 cm TRAFFIC LIGHTS	ΟΔΟ-2548	рс	100,00
533 534	H/M 60.10.85.02 H/M 60.10.85.03	Cable pulling manhole 40x40 cm Cable pulling manhole 60x40 cm Cable connecting manhole 120x80 cm TRAFFIC LIGHTS Installation of local traffic light controller	ΟΔΟ-2548	рс	100,00
533 534	HΛM 60.10.85.02	Cable pulling manhole 40x40 cm Cable pulling manhole 60x40 cm Cable connecting manhole 120x80 cm TRAFFIC LIGHTS Installation of local traffic light controller Installation of controller - Medium capacity pack - Up to sixteen (16)	ΟΔΟ-2548 ΟΔΟ-2548	pc pc	100,00 170,00
533 534 535	H/M 60.10.85.02 H/M 60.10.85.03 H/M 60.20.10.01	Cable pulling manhole 40x40 cm Cable pulling manhole 60x40 cm Cable connecting manhole 120x80 cm TRAFFIC LIGHTS Installation of local traffic light controller Installation of controller - Medium capacity pack - Up to sixteen (16) traffic light groups provided by the Service	ΟΔΟ-2548	рс	100,00
533 534 535	H/M 60.10.85.02 H/M 60.10.85.03	Cable pulling manhole 40x40 cm Cable pulling manhole 60x40 cm Cable connecting manhole 120x80 cm TRAFFIC LIGHTS Installation of local traffic light controller Installation of controller - Medium capacity pack - Up to sixteen (16) traffic light groups provided by the Service Installation of controller - Medium capacity pack - Up to thirty two (32)	ΟΔΟ-2548 ΟΔΟ-2548 ΗΛΜ-105	pc pc	100,00 170,00 750,00
533534535536	HAM 60.10.85.02 HAM 60.10.85.03 HAM 60.20.10.01 HAM 60.20.10.02	Cable pulling manhole 40x40 cm Cable pulling manhole 60x40 cm Cable connecting manhole 120x80 cm TRAFFIC LIGHTS Installation of local traffic light controller Installation of controller - Medium capacity pack - Up to sixteen (16) traffic light groups provided by the Service Installation of controller - Medium capacity pack - Up to thirty two (32) traffic light groups provided by the Service	ΟΔΟ-2548 ΟΔΟ-2548	pc pc	100,00 170,00
533534535536	H/M 60.10.85.02 H/M 60.10.85.03 H/M 60.20.10.01	Cable pulling manhole 40x40 cm Cable pulling manhole 60x40 cm Cable connecting manhole 120x80 cm TRAFFIC LIGHTS Installation of local traffic light controller Installation of controller - Medium capacity pack - Up to sixteen (16) traffic light groups provided by the Service Installation of controller - Medium capacity pack - Up to thirty two (32) traffic light groups provided by the Service Supply and installation of controller - Medium capacity pack - Equipped	ΟΔΟ-2548 ΟΔΟ-2548 ΗΛΜ-105	pc pc	100,00 170,00 750,00
533534535536	HAM 60.10.85.02 HAM 60.10.85.03 HAM 60.20.10.01 HAM 60.20.10.02	Cable pulling manhole 40x40 cm Cable pulling manhole 60x40 cm Cable connecting manhole 120x80 cm TRAFFIC LIGHTS Installation of local traffic light controller Installation of controller - Medium capacity pack - Up to sixteen (16) traffic light groups provided by the Service Installation of controller - Medium capacity pack - Up to thirty two (32) traffic light groups provided by the Service Supply and installation of controller - Medium capacity pack - Equipped with up to four (4) groups of traffic lights, expandable for use with	ΟΔΟ-2548 ΟΔΟ-2548 ΗΛΜ-105	pc pc	100,00 170,00 750,00
533534535536	HAM 60.10.85.02 HAM 60.10.85.03 HAM 60.20.10.01 HAM 60.20.10.02	Cable pulling manhole 40x40 cm Cable pulling manhole 60x40 cm Cable connecting manhole 120x80 cm TRAFFIC LIGHTS Installation of local traffic light controller Installation of controller - Medium capacity pack - Up to sixteen (16) traffic light groups provided by the Service Installation of controller - Medium capacity pack - Up to thirty two (32) traffic light groups provided by the Service 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,	ΟΔΟ-2548 ΟΔΟ-2548 ΗΛΜ-105	pc pc pc	100,00 170,00 750,00 1.200,00
533534535536537	HAM 60.10.85.02 HAM 60.10.85.03 HAM 60.20.10.01 HAM 60.20.10.02 HAM 60.20.10.03	Cable pulling manhole 40x40 cm Cable pulling manhole 60x40 cm Cable connecting manhole 120x80 cm TRAFFIC LIGHTS Installation of local traffic light controller Installation of controller - Medium capacity pack - Up to sixteen (16) traffic light groups provided by the Service Installation of controller - Medium capacity pack - Up to thirty two (32) traffic light groups provided by the Service 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	ΟΔΟ-2548 ΟΔΟ-2548 ΗΛΜ-105	pc pc	100,00 170,00 750,00
533534535536537	HAM 60.10.85.02 HAM 60.10.85.03 HAM 60.20.10.01 HAM 60.20.10.02	Cable pulling manhole 40x40 cm Cable pulling manhole 60x40 cm Cable connecting manhole 120x80 cm TRAFFIC LIGHTS Installation of local traffic light controller Installation of controller - Medium capacity pack - Up to sixteen (16) traffic light groups provided by the Service Installation of controller - Medium capacity pack - Up to thirty two (32) traffic light groups provided by the Service 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,	ΟΔΟ-2548 ΟΔΟ-2548 ΗΛΜ-105	pc pc pc	100,00 170,00 750,00 1.200,00
533534535536537	HAM 60.10.85.02 HAM 60.10.85.03 HAM 60.20.10.01 HAM 60.20.10.02 HAM 60.20.10.03	Cable pulling manhole 40x40 cm Cable pulling manhole 60x40 cm Cable connecting manhole 120x80 cm TRAFFIC LIGHTS Installation of local traffic light controller Installation of controller - Medium capacity pack - Up to sixteen (16) traffic light groups provided by the Service Installation of controller - Medium capacity pack - Up to thirty two (32) traffic light groups provided by the Service 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 Supply and installation of controller - Large capacity pack - Equipped	ΟΔΟ-2548 ΟΔΟ-2548 ΗΛΜ-105	pc pc pc	100,00 170,00 750,00 1.200,00

No.	Relevant Design Item	Type of Work	Rev. Item	Unit	Price
500					
539	H∧M 60.20.11	Supply and installation of an output unit for four (4) groups of traffic lights for extending the capacity of the controller	HΛM-105	200	800,00
540	HΛM 60.20.12	Inductive loop vehicle detector unit, capacity: four-channel detection	HΛM-105	pc	750,00
0.0		LED traffic lights	17,441 100	Po	700,00
541	HΛM 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)			
= 40			HΛM-105	рс	520,00
542	HAM 60.20.20.02	Small height traffic light for pedestrians, two (2) luminous fields, Φ 200 mm, colored signals (red-green)	H∧M-105	200	200.00
543	H/M 60.20.20.03	Small height warning traffic light, two (2) luminous fields, Φ 200 mm,	H/\\W-105	рс	390,00
		colored signals (amber-amber)	H∧M-105	рс	270,00
544	HΛM 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)	H∧M-105	рс	750,00
545	HAM 60.20.20.05	Mounted warning traffic light, two (2) luminous fields, Φ 300 mm,	11484 405		400.00
***************************************		colored signals (amber-amber) Traffic lights cabling	HΛM-105	рс	480,00
546	H/M 60.20.30.01	Supply, installation and electrical connection of a cable E1VV-R (NYY),	***************************************		
		stranded, cross-section 21X1.5 mm2	H∧M-48	m	7,60
547	HΛM 60.20.30.02	Supply, installation and electrical connection of a cable E1VV-R (NYY),			
		stranded, cross-section 21X1,5 mm ²	H∧M-48	m	7,30
548	HAM 60.20.30.03	Supply, installation and electrical connection of a cable E1VV-R (NYY),			
		stranded, cross-section 5X1,5 mm ²	H∧M-48	m	5,80
549	HΛM 60.20.30.04	Supply, installation and electrical connection of a cable E1VV-R (NYY),			
550	11444 00 00 00 05	stranded, cross-section 5X1,5 mm ²	H∧M-48	m	5,60
550	H/M 60.20.30.05	Supply, installation and electrical connection of a cable A-2Y (L)2Y			4.00
551	HΛM 60.20.30.06	(PET), 2 to 4 pairs, cross-section of each conduit 0.6 mm2mm ² Supply, installation and electrical connection of a cable A-2Y(L)2Y	H∧M-48	m	4,00
551	H/\\vi\\ 00.20.30.00	(PET), 6 to 10 pairs, cross-section of each conduit 0.6 mm2	HΛM-48	m	5,50
552	HΛM 60.20.35	Detector loop structure in the asphalt pavement	HΛM-102	m	30,00
		Infrastructure works for traffic lights			
553	HΛM 60.20.40.01	Steel, galvanized cable conduits for traffic lights			
		Nominal diameter DN 50 mm (thread: 2"), 3.2 mm thick	H∧M-5	m	12,50
554	H/M 60.20.40.02	Steel, galvanized cable conduits for traffic lights Nominal diameter DN 63 mm, thread: 2½", 3.6 mm thick			
		Nominal diameter DN 63 mm, tinead. 272 , 3.6 mm tinek	H∧M-5	m	16,00
555	HΛM 60.20.40.11	HDPE Conduits for the protection of traffic lights underground cables	177111		10,00
		Diameter DN 63 mm			
			H∧M-5	m	6,40
556	HΛM 60.20.40.12	HDPE Conduits for the protection of traffic lights underground cables			
		Diameter DN DN 90 mm	H∧M-5		7.50
557	HΛM 60.20.40.21	Supply and installation of copper plate earth electrode	HΛM-45	m pc	7,50 120,00
**************	HAM 60.20.40.31	Traffic lights manhole structure, 0.40 x 0.40 cm	ΟΔΟ-2548	рс	60,00
	HΛM 60.20.40.41	Supply and installation of a cross-connection cabinet housing the PPC			
		power consumption meter, type IA	H∧M-5	рс	415,00
560	HAM 60.20.40.51	Supply, installation and connection of a switchboard feeding the traffic			400.00
***************************************		lighting structure within a cabinet, type IA Traffic light signal columns	H∧M-102	рс	100,00
561	H/M 60.20.50.01	Installation or dismantling of simple traffic light signal columns	HΛM-101	рс	60,00
	HAM 60.20.50.02	Installation or dismantling of a traffic light signal column with arm	HΛM-101	рс	150,00
	HΛM 60.20.50.11	Supply of simple traffic light signal column, galvanized	H∧M-101	рс	250,00
	HΛM 60.20.50.12	Supply of traffic light signal columns, galvanized	H∧M-101	рс	520,00
	H/M 60.20.50.20	Drilling of holes to an installed signaling column	HΛM-104	рс	15,00
566	H/M 60.20.50.30	Construction of traffic light cable routing underneath the road pavement	OIK 3360D		20.00
567	H/M 60.20.50.40	Construction of traffic light cable routing underneath the sidewalk	OIK-2269B OIK-2269A	m m	30,00 50,00
		Traffic signaling accessories		111	50,00
568	HΛM 60.20.75.01	Supply and installation of a button for pedestrians	HΛM-104	рс	170,00
		Movable worksite signaling rigs			
569	H/M 60.20.90.01	Towed signaling rig for worksites of roadworks, dimensions 2.55 x 1.70			
		m	H∧M-108	рс	5.000,00
5/0	HAM 60.20.90.02	Towed signaling rig for worksites of roadworks, dimensions 3.70 x 2.20 m	HAM 109	200	8 000 00
571	H/M 60.20.90.10	Movable traffic signaling unit	HΛM-108 HΛM-108	pc pc	8.000,00 3.500,00
L	1		1. 1/ 11/1 100	1 60	0.000,00

No.	Relevant Design Item	Type of Work	Rev. Item	Unit	Price
		MAINTENANCE OF LIGHTING INSTALLATIONS			
*************	***************************************	Removal of steel lighting poles			
572	HΛM 62.10.01.01	Removal and transportation of a pole, up to 14.00m high	HΛM 101	рс	70,00
	HΛM 62.10.01.02	Removal and transportation of a pole, from 14.01 m up to 20.00 m high			
			H∧M 101	рс	90,00
		De-installation and removal of concrete lighting poles		рс	
	H/M 62.10.02.01	Removal and transportation of a pole up to 12.00 m high	H∧M 100	рс	75,00
575	HΛM 62.10.02.02	Removal and transportation of a pole from 14 m to 20 m high	H∧M 100	рс	95,00
E76	11AM 62 10 02 01	Removal of lighting fixtures		рс	
5/6	HΛM 62.10.03.01	Removal of a lighting fixture from the arm or the top of an installed pole	HΛM 5	рс	27,50
		Removal of arms	T I7 (IVI S	рс	21,30
577	HΛM 62.10.04.01	Removal of the arm from an installed pole with or without lighting fixtures		1 50	
			Н∧М 5	рс	20,00
578	HΛM 62.10.04.02	Removal of the arm from a pole laying on the ground with or without			
		lighting fixtures	Н∧М 5	рс	10,00
		Cleaning of Na vapor lighting fixtures			~~~
579	HΛM 62.10.10.01	Cleaning of lighting fixtures installed at a height of up to 8.0m from the			
		work floor	HΛM 103	рс	20,00
580	HΛM 62.10.10.02	Cleaning of lighting fixtures installed at a height above 8.0m from the			000
		work floor	HΛM 103	рс	25,00
581	HΛM 62.10.15.01	Re-painting the lighting steel poles on site the Project Re-painting of a pole up to 12 m high, installed	OIK 7791	pc	95,00
	HΛM 62.10.15.01	Re-painting of a pole up to 12 mingh, installed Re-painting of a pole from 14 m to 20 m high, installed	OIK 7791	pc pc	120,00
	HAM 62.10.15.11	Re-painting of a pole in ord 14 m to 20 m high, installed Re-painting of a pole up to 12 m high, laying on the ground and	Olicitati	PC	120,00
	1,, 441 02.10.10.11	returning it to the upright position	OIK 7791	рс	115,00
584	HΛM 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	OIK 7791	рс	140,00
		Replacement of high pressure Na vapour bulbs		рс	
	HΛM 62.10.26.01	Wattage 70W	HΛM 103	рс	19,50
	H/M 62.10.26.02	Wattage 150W	HΛM 103	рс	26,50
	HAM 62.10.26.03	Wattage 250W	HΛM 103	рс	30,50
588	HΛM 62.10.26.04	Wattage 400W Asymmetrical beam street floodlights for high pressure Na vapour	H∧M 103	рс	36,50
		bulbs			
589	HAM 62 10 30 01	Wattage 250W / 400 W	HΛM 103	рс	350,00
000	117.1111 02.10.00.01	Replacement of instruments on lighting pillar	117401100	Po	000,00
590	HΛM 62.10.35.01	Replacement of fuse links at a lighting pillar	H∧M 54	рс	4,00
591	HΛM 62.10.35.02	Fuse replacement in a terminal box on a lighting pillar	H∧M 101	рс	5,00
	HΛM 62.10.35.03	Replacement of rail-mounted load breakers	H∧M 55	рс	25,00
	HΛM 62.10.35.04	Replacement of rail-mounted automatic fuses	H∧M 55	рс	20,00
	H/M 62.10.35.05	Replacement of rail type indication bulb	H∧M 55	рс	4,00
	HAM 62.10.35.06	Replacement of cable gland	HAM 104	рс	2,40
************	HΛM 62.10.35.07 HΛM 62.10.35.08	Replacement of rail on electrical switchboard Replacement of load relays	H∧M 52 H∧M 55	m	10,00 50,00
	HΛM 62.10.35.09	Replacement of light sensor	HΛM 55	pc pc	40,00
***********	HAM 62.10.36	Re-painting of lighting pillars	OIK 7791	рс	110,00
	HΛM 62.10.37	Repair of the pillar's main body and hatch and/or hatch replacement	HΛM 52	рс	60,00
		Type H05VV-U, -R (NYM) cables, nominal voltage 300/500V with			
		PVC insulating sheath			
	HΛM 62.10.40.01	cross section 3 x 1,5 mm ²	H∧M 46	m	2,30
************	HΛM 62.10.40.02	cross section 3 x 2,5 mm ²	HΛM 46	m	4,10
603	HΛM 62.10.40.03	cross section 4 x 1,5 mm ²	HΛM 46	m	2,80
		Type E1VV-U, -R, -S (NYY) cables, nominal voltage 600/1000 V,			
604	11AM 60 40 44 04	with PVC insulating sheath	11014400		0.00
	HΛM 62.10.41.01 HΛM 62.10.41.02	cross section 3 x 1,5 mm ² cross section 3 x 2,5 mm ²	HAM 102	m	2,90
	H/M 62.10.41.03	cross section 3 x 2,5 mm ²	HΛM 102 HΛM 102	m m	4,60 3,50
	HΛM 62.10.41.04	cross section 4 x 10 mm ²	HΛM 102	m	12,50
<u> </u>	32.10.11.04	Bare multi-core copper conductors			12,00
608	HΛM 62.10.48.01	cross section 6 mm ²	HΛM 45	m	3,10
*****************	HΛM 62.10.48.02	cross section 10 mm²	H∧M 45	m	3,40
610	HΛM 62.10.48.03	cross section 25 mm²	H∧M 45	m	5,70
<u> </u>		TRAFFIC SIGNALLING MAINTENANCE		1	

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

F		ARCHAREOLOGICAL WORKS AND PUO NET	WORK DIVERSIONS	S ON SECTION A' "ALSOS VEIKOU-GOUDI" OF LINE	4		
Ţ	TIKO METPO A.E.	KO METPO A.E. ETEP - PETEP ITEMS MATCHING SCHEDULE					
lo.	Item	Work type	Valid ETEP No. (Black) Καταργημένες (Γκρι)	Title of PETEP (underlined) or ETEP, if PETEP not available	PETEP No. (underlined) CIRCULAR 17		
RC	DUP A: EARTHW	ORKS, WORKS FOR ADDRESSING WATER, RETAINING W	ORKS, GREEN RE	LATED WORKS, ROAD – PAVING WORKS, ASI	PHALT WOR		
IG	NAGE – 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	YΔP 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			
1	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			
3	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			
3	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			
0	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.	ltem	·	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	YΔP 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	YΔP 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	YΔP 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	

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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	ЕТЕП 08-01-03-01	Trench excavations for utility networks	

No.	ltem	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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110.		Work type	Καταργημένες (Γκρι)	or ETEP, if PETEP not available	CIRCULAR 17
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	YΔP 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	OIK 20.07	Individual excavations (monoblock concrete walls)	ETEP 02-04-00-00	Excavations for foundation works	
	040 454	DEMOLITIONS - DISMANTLING - RELOCATIONS	ETED 00 04 04 02	Waster and I	
	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		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	OΔO A-9	Dismantling of compact fencing			1

No.	ltem	Work type	Valid ETEP No. (Black) Καταργημένες (Γκρι)	Title of PETEP (underlined) or ETEP, if PETEP not available	PETEP No. (underlined) CIRCULAR 17
65	ΟΔΟ Α-10	Dismantling of chain link fencing			
66	OΔO A-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	YΔP 4.04	Dismantling of sidewalks' slab paving			
70	YΔP 4.05	Dismantling of curbs, pre-cast or not			
71	YΔP 4.13	Dismantling of structures made of non-reinforced concrete			
72	YΔP 4.14	Dismantling of stonewall or brickwall			
73	OIK 22.65.02	Dismantling of metallic balustrades			
74	OIK 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	OIK 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	OIK 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	YΔP 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	YΔP 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			

			Valid ETEP No.		PETEP No.
No.	ltem	Work type	(Black)	Title of PETEP (underlined)	(underlined)
		. 34.	Καταργημένες (Γκρι)	or ETEP, if PETEP not available	CIRCULAR 17
82	YΔP 6.01.02.01	Power up to 1,0 KW(HP)	ETEP 08-10-01-00	Work-site water pumping	
			ETEP 08-10-02-00	Wastewater and sludge pumping	
83	ΥΔΡ 6.01.02.02	Power 1,0 to 2,5 KW(HP)	ETEP 08-10-01-00	Work-site water pumping	
			ETEP 08-10-02-00	Wastewater and sludge pumping	
84	ΥΔΡ 6.01.02.03	Power 3,0 to 5,0 KW(HP)	ETEP 08-10-01-00	Work-site water pumping	
			ETEP 08-10-02-00	Wastewater and sludge pumping	
85	ΥΔΡ 6.01.02.04	Power 5,0 to 7,5 KW(HP)	ETEP 08-10-01-00	Work-site water pumping	
			ETEP 08-10-02-00	Wastewater and sludge pumping	
86	ΥΔΡ 6.01.02.05	Power 8,0 to 10,0 KW(HP)	ETEP 08-10-01-00	Work-site water pumping	
			ETEP 08-10-02-00	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	YΔP 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	OΔO B-21.1	Permanent pre-stressed rock anchoring of the slopes of open	ETEP 11-02-04-00	Prestressed anchors	
		excavations, operation load 400-500 kN and length □ 20 m			
		Fully grouted bolts in open excavation slopes			
92	OΔO B-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	OIK 61.05	Bearing elements made of iron beams or girder beams up to 160 mm	•		
96	OIK 61.06	Bearing elements made of iron beams or girder beams >160 mm			
		PILING			
		Drilling and casting in-situ bored piles			
97	OΔO B-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	OΔO B-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.	ltem	Work type	Valid ETEP No. (Black) Καταργημένες (Γκρι)	Title of PETEP (underlined) or ETEP, if PETEP not available	PETEP No. (underlined) CIRCULAR 17
102	YΔP 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	YΔP 7.04	Steel sheet pile drive	ETEP 11-02-02-00	Retaining structures with steel-sheet piles	
106	YΔP 7.05	Steel sheet pile extraction	ETEP 11-02-02-00	Retaining structures with steel-sheet piles	
107	YΔP 7.06	Retaining of trench slopes with steel sheets			
108	YΔP 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
	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
	YΔP 5.03	Trench backfilling with excavation spoil without special compaction requirements			
112	YΔP 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	YΔP 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	YΔP 5.05.02	Overall backfilling thickness over 50 cm	ETEP 08-01-03-02	Underground utilities trench backfilling	PETEP 08-01-03-02
115	YΔP 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	YΔP 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	YΔP 5.09.01	Improvement layers using natural sand gravels			
118	YΔP 5.09.02	Improvement layers using crashed quarry materials			
119	YΔP 5.10	Underdrain filters with graded aggregates	ETEP 08-03-02-00	Underdrain filters with graded aggregates	
120	OΔO A-23	Construction of sand - coarse layers of a variable thickness			
121	OΔO A-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	OIK 20.01.01	with sapling - trunk circumference up to 0.25 m		Works zone grubbing and clearing	
123	OIK 20.01.02	with sapling - trunk circumference from 0.26 to 0.40 m		Works zone grubbing and clearing	
		Cutting down – grubbing of trees			
~~~~	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	
***********	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	
	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	

No.	ltem	Work type	Valid ETEP No. (Black) <del>Καταργημένες (Γκρι)</del>	Title of PETEP (underlined) or ETEP, if PETEP not available	PETEP No. (underlined) CIRCULAR 17
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 (allanthus 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
	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		Asphalt pre-coating	ETEP 05-03-11-01	Asphalt pre-coating	
	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		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	YΔP 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	OΔO E-1.30.2	Concrete safety barriers, precast, containment level H2, working width W6, height 0.80 m, impact severity class B			

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
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			
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			
155	ΟΔΟ Ε-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	OΔO N.E-3.1.1	Reinstallation of a single-sided steel safety barrier, embedded FENCING PANELS - GUARDRAILS			
157	OIK N.50.15.02	Panels to enhance - in terms of aesthetics – the already installed worksite Fencing			
158	OΔO E-4.2	Steel guardrails	_		
		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	ETEP 05-04-06-00	Non scrolling traffic signs	
160	ΟΔΟ Ε-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	OΔO E-9.1	Hazardous area signs, triangular, side length 0.90 m	ETEP 05-04-06-00	Non scrolling traffic signs	
162	OΔO E-9.4	Regulatory signs, medium size	ETEP 05-04-06-00	Non scrolling traffic signs	
	OΔO 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
	OΔO 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	OΔO 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	OΔO E-15.2	Plastic retro-reflective road stud, temporary, two-way retro-reflective			
167	OΔO E-17.1	Reflective road marking paint	ETEP 05-04-02-00	Horizontal road signs	
168	OΔO E-19	Reflective striped delineator on barriers			
169	OΔO E-20	Base for the Temporary Support of Signs			

No.	ltem	Work type	Valid ETEP No. (Black) <del>Καταργημένες (Γκρι)</del>	Title of PETEP (underlined) or ETEP, if PETEP not available	PETEP No. (underlined) CIRCULAR 17
GRO	OUP B: CONCRET	TE STRUCTURES – WATERPROOFING – JOINTS, OTHER W	IORKS		
		CONCRETE			
		Concrete Structures			
170	OΔO B-29.1.1	Rafts and blinding concrete from non-reinforced concrete C8/10	ETEP 01-01-01-00	Concrete production and transportation	PETEP 01-01-01-00
			ETEP 01-01-02-00	Concrete casting and vibration	
			ETEP 01-01-03-00	Concrete curing	PETEP 01-01-03-00
			ETEP 01-01-04-00	Concrete batching plants	PETEP 01-01-04-00
			ETEP 01-01-05-00	Concrete compaction by vibration	
			ETEP 01-01-07-00	Mass concrete	
			ETEP 01-03-00-00	<u>Scaffolding</u>	PETEP 01-03-00-00
			ETEP 01-04-00-00	Concrete formwork	
			ETEP 01-05-00-00	Formation of final surfaces in cast concrete without use	
				of mortars	
171	OΔO B-29.1.2	Structures made of non-reinforced concrete C8/10	ETEP 01-01-01-00	Concrete production and transportation	PETEP 01-01-01-00
			ETEP 01-01-02-00	Concrete casting and vibration	
			ETEP 01-01-03-00	Concrete curing	PETEP 01-01-03-00
			ETEP 01-01-04-00	Concrete batching plants	PETEP 01-01-04-00
			ETEP 01-01-05-00	Concrete compaction by vibration	
			ETEP 01-01-07-00	Mass concrete	
			ETEP 01-03-00-00	Scaffolding	PETEP 01-03-00-00
			ETEP 01-04-00-00	Concrete formwork	
			ETEP 01-05-00-00	Formation of final surfaces in cast concrete without use	
				of mortars	
172	OΔO B-29.2.1	Construction of gutters, trenches, etc., using non-reinforced concrete	ETEP 01-01-01	Concrete production and transportation	PETEP 01-01-01-00
		C12/15	ETEP 01-01-02-00	Concrete casting and vibration	
			ETEP 01-01-03-00	Concrete curing	PETEP 01-01-03-00
			ETEP 01-01-04-00	Concrete batching plants	PETEP 01-01-04-00
			ETEP 01-01-05-00	Concrete compaction by vibration	
			ETEP 01-01-07-00	Mass concrete	DETED 04 00 00 00
			ETEP 01-03-00-00	Scaffolding	PETEP 01-03-00-00
			ETEP 01-04-00-00	Concrete formwork	
			ETEP 01-05-00-00	Formation of final surfaces in cast concrete without use	
				of mortars	

	lto		Valid ETEP No.	Tide of DETER ( ) " "	PETEP No.
No.	ltem	Work type	(Black)	Title of PETEP (underlined)	(underlined)
			Καταργημένες (Γκρι)	or ETEP, if PETEP not available	CIRCULAR 17
173	OΔO B-29.2.2	Rafts, pipe sleeves, blinding layers – concrete class C12/15	ETEP 01-01-01	Concrete production and transportation	PETEP 01-01-01-00
			ETEP 01-01-02-00	Concrete casting and vibration	
			ETEP 01-01-03-00	Concrete curing	PETEP 01-01-03-00
			ETEP 01-01-04-00	Concrete batching plants	PETEP 01-01-04-00
			ETEP 01-01-05-00	Concrete compaction by vibration	
			ETEP 01-01-07-00	Mass concrete	
			ETEP 01-03-00-00	Scaffolding	PETEP 01-03-00-00
			ETEP 01-04-00-00	Concrete formwork	
			ETEP 01-05-00-00	Formation of final surfaces in cast concrete without use	
				of mortars	
174		Construction of gutters, trapezoid trenches, bridge waterproofing	ETEP 01-01-01-00	Concrete production and transportation	PETEP 01-01-01-00
		protection layers, etc., using C16/20 concrete	ETEP 01-01-02-00	Concrete casting and vibration	
			ETEP 01-01-03-00	Concrete curing	PETEP 01-01-03-00
			ETEP 01-01-04-00	Concrete batching plants	PETEP 01-01-04-00
			ETEP 01-01-05-00	Concrete compaction by vibration	
				Mass concrete	
			ETEP 01-03-00-00	Scaffolding	PETEP 01-03-00-00
			ETEP 01-04-00-00	Concrete formwork	
			ETEP 01-05-00-00	Formation of final surfaces in cast concrete without use	
				of mortars	
175	OΔO B-29.3.2	Construction of walls, footways on bridges, pile wall lining, etc., using	ETEP 01-01-01-00	Concrete production and transportation	PETEP 01-01-01-00
		C16/20 concrete	ETEP 01-01-02-00	Concrete casting and vibration	
			ETEP 01-01-03-00	Concrete curing	PETEP 01-01-03-00
			ETEP 01-01-04-00	Concrete batching plants	PETEP 01-01-04-00
			ETEP 01-01-05-00	Concrete compaction by vibration	
			ETEP 01-01-07-00	Mass concrete	
			ETEP 01-03-00-00	Scaffolding	PETEP 01-03-00-00
			ETEP 01-04-00-00	Concrete formwork	
			ETEP 01-05-00-00	Formation of final surfaces in cast concrete without use	
				of mortars	
176		Construction of complete slabs, boneblack bases, thin-walled and	ETEP 01-01-01	Concrete production and transportation	PETEP 01-01-01-00
		square ducts using C16/20 concrete	ETEP 01-01-02-00	Concrete casting and vibration	
			ETEP 01-01-03-00	Concrete curing	PETEP 01-01-03-00
			ETEP 01-01-04-00	Concrete batching plants	PETEP 01-01-04-00
			ETEP 01-01-05-00	Concrete compaction by vibration	
				Mass concrete	
			ETEP 01-03-00-00	Scaffolding	PETEP 01-03-00-00
			ETEP 01-04-00-00	Concrete formwork	
			ETEP 01-05-00-00	Formation of final surfaces in cast concrete without use	
				of mortars	

			Valid ETEP No.		PETEP No.
No.	ltem	Work type	(Black)	Title of PETEP (underlined)	(underlined)
		31.	<del>Καταργημένες (Γκρι)</del>	or ETEP, if PETEP not available	CIRCULAR 17
177	OΔO B-29.3.4	Minor structures (manholes, rectangular trenches, etc.) using C16/20	ETEP 01-01-01	Concrete production and transportation	PETEP 01-01-01-00
		concrete	ETEP 01-01-02-00	Concrete casting and vibration	
			ETEP 01-01-03-00	Concrete curing	PETEP 01-01-03-00
			ETEP 01-01-04-00	Concrete batching plants	PETEP 01-01-04-00
			ETEP 01-01-05-00	Concrete compaction by vibration	
			ETEP 01-01-07-00	Mass concrete	
			ETEP 01-03-00-00	Scaffolding	PETEP 01-03-00-00
			ETEP 01-04-00-00	Concrete formwork	
			ETEP 01-05-00-00	Formation of final surfaces in cast concrete without use	
				of mortars	
178	ΟΔΟ Β-29.3.6	Construction of vaulted concrete ducts with concrete C16/20	ETEP 01-01-01-00	Concrete production and transportation	PETEP 01-01-01-00
				Concrete casting and vibration	
			ETEP 01-01-03-00	Concrete curing	PETEP 01-01-03-00
			ETEP 01-01-04-00	Concrete batching plants	PETEP 01-01-04-00
				Concrete compaction by vibration	
				Mass concrete	
				Scaffolding	PETEP 01-03-00-00
			ETEP 01-04-00-00	Concrete formwork	
			ETEP 01-05-00-00	Formation of final surfaces in cast concrete without use	
				of mortars	
179	OΔO B-29.4.1	Construction of gutters, lined trenches, smoothening of bottoms, etc.,	ETEP 01-01-01-00	Concrete production and transportation	PETEP 01-01-01-00
		using C20/25 concrete	ETEP 01-01-02-00	Concrete casting and vibration	
				Concrete curing	PETEP 01-01-03-00
			ETEP 01-01-04-00	Concrete batching plants	PETEP 01-01-04-00
			ETEP 01-01-05-00	Concrete compaction by vibration	
				Mass concrete	
			ETEP 01-03-00-00	Scaffolding	PETEP 01-03-00-00
			ETEP 01-04-00-00	Concrete formwork	
			ETEP 01-05-00-00	Formation of final surfaces in cast concrete without use	
				of mortars	
180	OΔO B-29.4.2	Construction of square ducts with reinforced concrete C20/25	ETEP 01-01-01-00	Concrete production and transportation	PETEP 01-01-01-00
			ETEP 01-01-02-00	Concrete casting and vibration	
				Concrete curing	PETEP 01-01-03-00
			ETEP 01-01-04-00	Concrete batching plants	PETEP 01-01-04-00
				Concrete compaction by vibration	
				Mass concrete	
			ETEP 01-03-00-00	<u>Scaffolding</u>	PETEP 01-03-00-00
			ETEP 01-04-00-00	Concrete formwork	
			ETEP 01-05-00-00	Formation of final surfaces in cast concrete without use	
				of mortars	

	Item		Valid ETEP No.	Title of PETEP (underlined)	PETEP No.
No.		Work type	(Black) <del>Καταργημένες (Γκρι)</del>	or ETEP, if PETEP not available	(underlined) CIRCULAR 17
181	OΔO B-29.4.3	Construction of vaulted ducts with C20/25 concrete	ETEP 01-01-01	Concrete production and transportation	PETEP 01-01-01-00
			ETEP 01-01-02-00	Concrete casting and vibration	
			ETEP 01-01-03-00	Concrete curing	PETEP 01-01-03-00
			ETEP 01-01-04-00	Concrete batching plants	PETEP 01-01-04-00
			ETEP 01-01-05-00	Concrete compaction by vibration	
			ETEP 01-01-07-00	Mass concrete	
			ETEP 01-03-00-00	Scaffolding	PETEP 01-03-00-00
			ETEP 01-04-00-00	Concrete formwork	
			ETEP 01-05-00-00	Formation of final surfaces in cast concrete without use	
				of mortars	
182	OΔO B-29.4.4	Minor structures of C20/25 concrete	ETEP 01-01-01-00	Concrete production and transportation	PETEP 01-01-01-00
			ETEP 01-01-02-00	Concrete casting and vibration	
			ETEP 01-01-03-00	Concrete curing	PETEP 01-01-03-00
			ETEP 01-01-04-00	Concrete batching plants	PETEP 01-01-04-00
				Concrete compaction by vibration	
			ETEP 01-01-07-00	Mass concrete	DETED 04 00 00 00
			ETEP 01-03-00-00	Scaffolding Concrete formwork	PETEP 01-03-00-00
			ETEP 01-04-00-00	Formation of final surfaces in cast concrete without use	
			ETEP 01-05-00-00	of mortars	
183	OΔO B-29.4.5	Construction of stands, access plates, walls, parapet walls, etc., using	ETEP 01-01-01-00	Concrete production and transportation	PETEP 01-01-01-00
		C20/25 concrete	ETEP 01-01-02-00	Concrete casting and vibration	
			ETEP 01-01-03-00	Concrete curing	PETEP 01-01-03-00
			ETEP 01-01-04-00	Concrete batching plants	PETEP 01-01-04-00
			ETEP 01-01-05-00	Concrete compaction by vibration	
			ETEP 01-01-07-00	Mass concrete	
			ETEP 01-03-00-00	<u>Scaffolding</u>	PETEP 01-03-00-00
			ETEP 01-04-00-00	Concrete formwork	
			ETEP 01-05-00-00	Formation of final surfaces in cast concrete without use of mortars	
184	OΔO B-29.7	Application of shotcrete outside underground projects	ETEP 01-01-01-00	Concrete production and transportation	PETEP 01-01-01-00
		P. P. C.	ETEP 01-01-02-00	Concrete casting and vibration	
			ETEP 01-01-03-00	Concrete curing	PETEP 01-01-03-00
			ETEP 01-01-04-00	Concrete batching plants	PETEP 01-01-04-00
				Concrete compaction by vibration	
				Mass concrete	
			ETEP 01-03-00-00	Scaffolding	PETEP 01-03-00-00
				Concrete formwork	
			ETEP 01-05-00-00	Formation of final surfaces in cast concrete without use	
				of mortars	
185	YΔP 9.01	Formwork or Metal formwork of flat surfaces	ETEP 01-03-00-00	Scaffolding	PETEP 01-03-00-00
			ETEP 01-04-00-00	Concrete formwork	

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

No.	ltem	Work type	Valid ETEP No. (Black) <del>Καταργημένες (Γκρι)</del>	Title of PETEP (underlined) or ETEP, if PETEP not available	PETEP No. (underlined) CIRCULAR 17
103	ΥΔΡ 9.10.7	For structures made of concrete class C30/37	ETEP 01-01-01-00	Concrete production and transportation	PETEP 01-01-01-00
193	1ΔΕ 9.10.7	For structures made of concrete class C30/37	ETEP 01-01-02-00	Concrete casting and vibration	FEIEF 01-01-01
			ETEP 01-01-03-00	Concrete curing	PETEP 01-01-03-00
			ETEP 01-01-04-00	Concrete batching plants	PETEP 01-01-04-00
			ETEP 01-01-05-00	Concrete compaction by vibration	12121 01 01 01 00
			ETEP 01-01-07-00	Mass concrete	
		REINFORCEMENT			
		Concrete Steel Reinforcement			
194	OΔO B-30.1	Concrete Steel Reinforcement B500A	ETEP 01-02-01-00	Steel reinforcement for concrete	PETEP 01-02-01-00
	OΔO B-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	OΔO B-30.3	Steel structural mesh B500Coutside underground projects	ETEP 01-02-01-00	Steel reinforcement for concrete	PETEP 01-02-01-00
	OΔO B-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
	YΔP 9.26	Supply and Installation of concrete steel reinforcement for hydraulic	ETEP 01-02-01-00	Steel reinforcement for concrete	PETEP 01-02-01-00
100	121 3.20	works	2727 07 02 07 00	<u>Ottor removement for contracts</u>	1 2 1 2 0 1 0 2 0 1 0 0
		TREATMENT OF CONCRETE SURFACES - INSULATIONS -			
		JOINTS			
200	OΔO B-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	OΔO B-34	Hard pressed plaster 2.0 cm thick for the external surfaces of sewers	ETEP 08-05-01-04	Protective coatings of hydraulic concrete structures	
		and manholes/sumps		using in-situ or ready-mixed cement mortars	
202	OΔO B-36	Insulation by applying two coats of asphalt			
203	O∆O B-37.1	Sealing the concrete surface with asphalt membrane on asphalt	ETEP 08-05-01-02	Waterproofing of concrete structures using asphaltic	PETEP 08-05-01-02
		concrete blinding		<u>membranes</u>	
			ETEP 05-03-11-04	Hot mixed dense graded asphalt concrete layers	PETEP 05-03-11-04
204	OΔO B-37.2	Sealing concrete surfaces with two layers of asphalt fabric and	ETEP 08-05-01-02	Waterproofing of concrete structures using asphaltic	PETEP 08-05-01-02
		protection mortar		<u>membranes</u>	
205	OΔO B-42	Waterproofing drainage channels bottom with geomembrane			
	O∆O B-43.1	Sealing horizontal joints with asphalt mastic applied in hot			
207	O∆O B-43.2	Sealing vertical and oblique joints with plastomer asphalt mastic			
208	O∆O B-44	Sealing of joints with waterstop	ETEP 08-05-02-02	Waterstops for concrete joints	
209	O∆O B-64.1	Geotextiles for underdrains	ETEP 08-03-03-00	Geotextiles for underdrains	
		Flexible tapes of indoor type (Waterstops) for waterproofing			
		concrete joints			
210	YΔP 10.02.01	For 160 mm. wide tapes	ETEP 08-05-02-02	Waterstops for concrete joints	
211	YΔP 10.02.02	For 240 mm. wide tapes	ETEP 08-05-02-02	Waterstops for concrete joints	
212	YΔP 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	

No.	ltem	Work type	Valid ETEP No. (Black) <del>Καταργημένες (Γκρι)</del>	Title of PETEP (underlined) or ETEP, if PETEP not available	PETEP No. (underlined) CIRCULAR 17
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	YΔP 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	YΔP 10.30	Joints sealing using a bentonite expansive tape			
		URBAN ROADWORKS			
219	OΔO B-51	Precast concrete curbs	ETEP 05-02-01-00	Kerbs, gutters and roadside ditches	PETEP 05-02-01-00
220	OΔO B-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	OΔO B-81	Concrete slabs paving, 40x40 cm			
222	OΔO B-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			

No.	ltem	Work type	Valid ETEP No. (Black) <del>Καταργημένες (Γκρι)</del>	Title of PETEP (underlined) or ETEP, if PETEP not available	PETEP No. (underlined) CIRCULAR 17
		STRUCTURES – FITTINGS, MANHOLES, PIPING – NETWO	ORKS, NETWORK - I	PIPING ITEMS, REPAIR - MAINTENANCE	WORKS, OTHER
NET	WORK STRUCT				
		METAL STRUCTURES - FITTINGS			
	OΔO B-48	Galvanized iron articles			
	OΔO B-49	Cast iron gully tops	ETEP 08-07-01-01	Grey cast iron gully tops	
229	OΔO B-50	Steps made of mild cast iron	ETEP 08-07-01-05	Manhole steps	PETEP 08-07-01-05
230	YΔP 11.01.02	Ductile iron tops			
231	YΔP 11.02.04	Ductile iron drainage gratings	ETEP 08-07-01-04	Ductile iron gully tops	
232	YΔP 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	OΔO B-66.1	Sump, type Φ1N (Works Construction Standards)			
	OΔO B-66.2	Sumps between slopes (Works Construction Standards)			
	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	OΔO B-66.6	Sewerage manhole, type Φ12 (D=1.20 m) (Works Construction Standards)			
239	ΟΔΟ Β-66.7	Underdrains manhole (Works Construction Standards)			
	000 0 00.1	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			

No.	ltem	Work type	Valid ETEP No. (Black) Καταργημένες (Γκρι)	Title of PETEP (underlined) or ETEP, if PETEP not available	PETEP No. (underlined) CIRCULAR 17
247	ΥΔΡ 9.33.01	for pipes DN ≤ 300 mm, and dimensions 2.00x1.50 m	Per the applicable ETEP		
248	YΔP 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	OΔO B-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		Nominal diameter D200 mm			
255		Nominal diameter D300 mm			
256		Nominal diameter D400 mm			
257		Nominal diameter D500 mm			
258		Nominal diameter D600 mm			
259		Nominal diameter D800 mm			
260		Nominal diameter D1000 mm			
261		Nominal diameter D1200 mm			
262		Nominal diameter D1400 mm			
		Nominal diameter D1600 mm			
264	······································	Nominal diameter D1800 mm			
265 266		Nominal diameter D2000 mm  Nominal diameter D2250 mm			
267		Nominal diameter D2500 mm			
201	1Δι 12.01.01.14	Solid wall PVC-U sewage pipes			
268	YΔP 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		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
	YΔP 12.10.03	Sewage ducts made of PVC-U pipes, SDR 41, DN 160 mm		Pressurized u-PVC pipe networks for sewage	PETEP 08-06-02-02
271		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	YΔP 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	YΔP 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
	YΔP 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	YΔP 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

No.		ltem	Work type	Valid ETEP No. (Black) Καταργημένες (Γκρι)	Title of PETEP (underlined) or ETEP, if PETEP not available	PETEP No. (underlined) CIRCULAR 17
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			Saddle/coupler – Nominal diameters 250/160 mm.			
280			Saddle/coupler – Nominal diameters 315/160 mm.			
281	ΥΔΡ	12.12.01.04	<u> </u>			
282	ΥΔΡ	12.12.01.05				
			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	Pressurized u-PVC pipe networks	
				ETEP 08-06-08-01	Warning tape above buried utilities	
284	ΥΔΡ	12.13.02.02	Nominal diameter D 63 mm	ETEP 08-06-02-01	Pressurized u-PVC pipe networks	
				ETEP 08-06-08-01	Warning tape above buried utilities	
285	ΥΔΡ	12.13.02.03	Nominal diameter D 75 mm	ETEP 08-06-02-01	Pressurized u-PVC pipe networks	
				ETEP 08-06-08-01	Warning tape above buried utilities	
286	ΥΔΡ	12.13.02.04	Nominal diameter D 90 mm	ETEP 08-06-02-01	Pressurized u-PVC pipe networks	
				ETEP 08-06-08-01	Warning tape above buried utilities	
287	ΥΔΡ	12.13.02.05	Nominal diameter D110 mm	ETEP 08-06-02-01	Pressurized u-PVC pipe networks	
				ETEP 08-06-08-01	Warning tape above buried utilities	
288	ΥΔΡ	12.13.02.06	Nominal diameter D140 mm	ETEP 08-06-02-01	Pressurized u-PVC pipe networks	
				ETEP 08-06-08-01	Warning tape above buried utilities	
289	ΥΔΡ	12.13.02.07	Nominal diameter D160 mm	ETEP 08-06-02-01	Pressurized u-PVC pipe networks	
				ETEP 08-06-08-01	Warning tape above buried utilities	
290	ΥΔΡ	12.13.02.08	Nominal diameter D200 mm	ETEP 08-06-02-01	Pressurized u-PVC pipe networks	
				ETEP 08-06-08-01	Warning tape above buried utilities	
291	ΥΔΡ	12.13.02.09	Nominal diameter D225 mm	ETEP 08-06-02-01	Pressurized u-PVC pipe networks	
***************************************				ETEP 08-06-08-01	Warning tape above buried utilities	
292	ΥΔΡ	12.13.02.10	Nominal diameter D280 mm	ETEP 08-06-02-01	Pressurized u-PVC pipe networks	
				ETEP 08-06-08-01	Warning tape above buried utilities	
293	ΥΔΡ	12.13.02.11	Nominal diameter D315 mm	ETEP 08-06-02-01	Pressurized u-PVC pipe networks	
				ETEP 08-06-08-01	Warning tape above buried utilities	
294	ΥΔΡ	12.13.02.12	Nominal diameter D355 mm	ETEP 08-06-02-01	Pressurized u-PVC pipe networks	
				ETEP 08-06-08-01	Warning tape above buried utilities	
295	ΥΔΡ	12.13.02.13	Nominal diameter D400 mm	ETEP 08-06-02-01	Pressurized u-PVC pipe networks	
000		10 10 55 1	N	ETEP 08-06-08-01	Warning tape above buried utilities	
296	ΥΔΡ	12.13.02.14	Nominal diameter D450 mm	ETEP 08-06-02-01	Pressurized u-PVC pipe networks	
				ETEP 08-06-08-01	Warning tape above buried utilities	
297	ΥΔΡ	12.13.02.15	Nominal diameter D500 mm	ETEP 08-06-02-01	Pressurized u-PVC pipe networks	
				ETEP 08-06-08-01	Warning tape above buried utilities	
	]		Nominal pressure 16 at			

		<u>,,                                   </u>	Valid ETEP No.	1	PETEP No.
No.	ltem	1	(Black)	Title of PETEP (underlined)	(underlined)
			<del>Καταργημένες (Γκρι)</del>	or ETEP, if PETEP not available	CIRCULAR 17
298	ΥΔΡ 12.13.04.01	Nominal diameter D 50 mm	ETEP 08-06-02-01	Pressurized u-PVC pipe networks	
				Warning tape above buried utilities	
299	ΥΔΡ 12.13.04.02			Pressurized u-PVC pipe networks	
				Warning tape above buried utilities	
300	ΥΔΡ 12.13.04.03	Nominal diameter D 75 mm		Pressurized u-PVC pipe networks	
				Warning tape above buried utilities	
301	YΔP 12.13.04.04	Nominal diameter D 90 mm	ETEP 08-06-02-01	Pressurized u-PVC pipe networks	
			ETEP 08-06-08-01	Warning tape above buried utilities	
302	YΔP 12.13.04.05	Nominal diameter D110 mm	ETEP 08-06-02-01	Pressurized u-PVC pipe networks	
			ETEP 08-06-08-01	Warning tape above buried utilities	
303	YΔP 12.13.04.06	Nominal diameter D140 mm	ETEP 08-06-02-01	Pressurized u-PVC pipe networks	
			ETEP 08-06-08-01	Warning tape above buried utilities	
304	YΔP 12.13.04.07	Nominal diameter D160 mm		Pressurized u-PVC pipe networks	
				Warning tape above buried utilities	
305	YΔP 12.13.04.08			Pressurized u-PVC pipe networks	
				Warning tape above buried utilities	
306	YΔP 12.13.04.09			Pressurized u-PVC pipe networks	
				Warning tape above buried utilities	
307	YΔP 12.13.04.10	Nominal diameter D280 mm	ETEP 08-06-02-01	Pressurized u-PVC pipe networks	
				Warning tape above buried utilities	
308	YΔP 12.13.04.11	Nominal diameter D315 mm	ETEP 08-06-02-01	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	Pressurized u-PVC pipe networks	
040	VAD 40 40 04 40	No are in all discounts a DAOO are as		Warning tape above buried utilities	
310	ΥΔΡ 12.13.04.13	Nominal diameter D400 mm		Pressurized u-PVC pipe networks	
244	VAD 12 12 04 14	Nominal diameter D450 mm		Warning tape above buried utilities  Pressurized u-PVC pipe networks	
311	1ΔΡ 12.13.04.14			Warning tape above buried utilities	
212	VAD 12 12 04 15			Pressurized u-PVC pipe networks	
312	1ΔΓ 12.13.04.13			Warning tape above buried utilities	
		Plastics Piping System under pressure consisting of solid wall		vvarring tape above baried utilities	
		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			
		Nominal diameter DN 90 mm / PN 10 atm			
		Nominal Diameter DN 110 mm / PN 10 atm			
316	YΔP 12.14.01.08	Nominal Diameter DN 125 mm / PN 10 atm			
317	YΔP 12.14.01.09	Nominal Diameter DN 140 mm / PN 10 atm			
318	YΔP 12.14.01.10	Nominal Diameter DN 160 mm / PN 10 atm			
		Nominal Diameter DN 200 mm / PN 10 atm			
320	YΔP 12.14.01.15	Nominal Diameter DN 315 mm / PN 10 atm			

No.	ltem	Work type	Valid ETEP No. (Black) Καταργημένες (Γκρι)	Title of PETEP (underlined) or ETEP, if PETEP not available	PETEP No. (underlined) CIRCULAR 17
		Nominal Pressure 16 at			
321		Nominal Diameter DN 63 mm / PN 16 atm			
322		Nominal Diameter DN 90 mm / PN 16 atm			
323		Nominal Diameter DN 110 mm / PN 16 atm			
324		Nominal Diameter DN 125 mm / PN 16 atm			
325		Nominal Diameter DN 140 mm / PN 16 atm			
326		Nominal Diameter DN 160 mm / PN 16 atm			
327		Nominal Diameter DN 200 mm / PN 16 atm			
328		Nominal Diameter DN 315 mm / PN 16 atm			
		Networks under pressure made of ductile iron pipes			
329	YΔP 12.15.01	Pipes DN 100 mm / class C40, per ELOT EN 545			
	YΔP 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			
	YΔP 12.15.04	Pipes DN 200 mm / class C40, per ELOT EN 545			
333		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			
	ΥΔΡ 12.15.07	Pipes DN 350 mm / class C30, per ELOT EN 545			
	YΔP 12.15.08	Pipes DN 400 mm / class C30, per ELOT EN 545			
337		Pipes DN 450 mm / class C30, per ELOT EN 545			
338	···	Pipes DN 500 mm / class C30, per ELOT EN 545			
339		Pipes DN 600 mm / class C30, per ELOT EN 545			
340	YΔP 12.15.12	Pipes DN 700 mm / class C25, per ELOT EN 545			
	YΔP 12.15.13	Pipes DN 800 mm / class C25, per ELOT EN 545			
***************************************	YΔP 12.15.14	Pipes DN 900 mm / class C25, per ELOT EN 545			
	YΔP 12.15.15	Pipes DN 1000 mm / class C25, per ELOT EN 545			
344	YΔP 12.15.16	Pipes DN 1100 mm / class C25, per ELOT EN 545			
345	YΔP 12.15.17	Pipes DN 1200 mm / class C25, per ELOT EN 545			
		Sewage networks made of ductile iron pipes			
346	YΔP 12.16.01	Pipes DN 100 mm, per E∧OT EN 598			
347	YΔP 12.16.02	Pipes DN 125 mm, per E∧OT EN 598			
348	ΥΔΡ 12.16.03	Pipes DN 150 mm, per E∧OT EN 598			
349	YΔP 12.16.04	Pipes DN 200 mm, per E∧OT EN 598			
350		Pipes DN 250 mm, per E∧OT EN 598			
351	ΥΔΡ 12.16.06	Pipes DN 300 mm, per E∧OT EN 598			
352	YΔP 12.16.07	Pipes DN 350 mm, per E∧OT EN 598			
***********		Pipes DN 400 mm, per EΛΟΤ EN 598			
		Pipes DN 450 mm, per EΛΟΤ EN 598			
355	YΔP 12.16.10	Pipes DN 500 mm, per EAOT EN 598			
		Pipes DN 600 mm, per EAOT EN 598			
		Pipes DN 700 mm, per EAOT EN 598			
		Pipes DN 800 mm, per EAOT EN 598			
		Pipes DN 900 mm, per E∧OT EN 598			

No.	ltem	Work type	Valid ETEP No. (Black) <del>Καταργημένες (Γκρι)</del>	Title of PETEP (underlined) or ETEP, if PETEP not available	PETEP No. (underlined) CIRCULAR 17
360	YΔP 12.16.15	Pipes DN 1000 mm, per E∧OT 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	YΔP 12.17.02.01	Saddle DN 100 mm			
363	YΔP 12.17.02.02	Saddle DN 125 mm			
364	YΔP 12.17.02.03	Saddle DN 150 mm			
365	YΔP 12.17.02.04	Saddle DN 200 mm			
366	YΔP 12.17.02.05	Saddle DN 250 mm			
367	YΔP 12.17.02.06	Saddle DN 300 mm			
368	YΔP 12.17.02.07	Saddle DN 350 mm			
369	YΔP 12.17.02.08	Saddle DN 400 mm			
370	ΥΔΡ 12.17.02.09	Saddle DN 450 mm			
371	YΔP 12.17.02.10	Saddle DN 500 mm			
372	YΔP 12.17.02.11	Saddle DN 600 mm			
373	ΥΔΡ 12.17.02.12	Saddle DN 700 mm			
374	YΔP 12.17.02.13	Saddle DN 800 mm			
375	YΔP 12.17.02.14	Saddle DN 900 mm			
376	YΔP 12.17.02.15	Saddle DN 1000 mm			
377	YΔP 12.17.02.16	Saddle DN 1100 mm			
378	YΔP 12.17.02.17	Saddle DN 1200 mm			
		Construction of straight sections of the network using steel pipe	es		
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	YΔP 12.18.02	Using steel pipes, outer insulation of coal tar (bituminous) and polyethylene sheet and inner epoxy resin insulation			
	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)			
	YΔP 12.19	Curves, stepdown adaptors and steel pipes joints			
383	YΔP 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	YΔP 12.21.02	Cathodic protection system design			
	YΔP 12.21.03	Cathodic protection system construction			
		FITTINGS FOR PIPING NETWORKS			

No.	ltem	Work type	Valid ETEP No. (Black) Καταργημένες (Γκρι)	Title of PETEP (underlined) or ETEP, if PETEP not available	PETEP No. (underlined) CIRCULAR 17
		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	······································	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	YΔP 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	YΔP 13.03.04.02	Nominal diameter DN 100 mm	ETEP 08-06-07-02	Cast iron gate valves	PETEP 08-06-07-02
394	YΔP 13.03.04.03	Nominal diameter DN 150 mm	ETEP 08-06-07-02	Cast iron gate valves	PETEP 08-06-07-02
395	YΔP 13.03.04.04	Nominal diameter DN 200 mm	ETEP 08-06-07-02	Cast iron gate valves	PETEP 08-06-07-02
396	YΔP 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	YΔP 13.04.04.02	Nominal diameter DN 400 mm, 16 at	ETEP 08-06-07-03	Cast iron butterfly valves	
399		Nominal diameter DN 500 mm, 16 at	ETEP 08-06-07-03	Cast iron butterfly valves	
400		Nominal diameter DN 600 mm, 16 at	ETEP 08-06-07-03	Cast iron butterfly valves	
401	YΔP 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	YΔP 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	YΔP 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	YΔP 13.10.02.04	Nominal diameter DN 150 mm	ETEP 08-06-07-07	Double orifice air relief valves	
412	YΔP 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	
~~~~		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	
		Nominal diameter DN 200 mm	ETEP 08-06-07-07	Double orifice air relief valves	
		Steel dismantling joints			
		Nominal pressure PN 16 at			

No.	ltem	Work type	Valid ETEP No. (Black) Καταργημένες (Γκρι)	Title of PETEP (underlined) or ETEP, if PETEP not available	PETEP No. (underlined) CIRCULAR 17
418	ΥΔΡ 13.15.02.01	Nominal diameter DN 50 mm	ETEP 08-06-07-05	Pipeline components dismantling joints	
419				Pipeline components dismantling joints	
420		Nominal diameter DN 150 mm		Pipeline components dismantling joints	
421				Pipeline components dismantling joints	
422				Pipeline components dismantling joints	
423	YΔP 13.15.02.14	Nominal diameter DN 500 mm		Pipeline components dismantling joints	
424	YΔP 13.15.02.15	Nominal diameter DN 600 mm		Pipeline components dismantling joints	
425	YΔP 13.15.02.16	Nominal diameter DN 700 mm	ETEP 08-06-07-05	Pipeline components dismantling joints	
		Nominal pressure PN 25 at			
426	YΔP 13.15.03.01		ETEP 08-06-07-05	Pipeline components dismantling joints	
427	ΥΔΡ 13.15.03.02	Nominal diameter DN 150 mm		Pipeline components dismantling joints	
428	YΔP 13.15.03.03	Nominal diameter DN 200 mm	ETEP 08-06-07-05	Pipeline components dismantling joints	
429	YΔP 13.15.03.04	Nominal diameter DN 250 mm	ETEP 08-06-07-05	Pipeline components dismantling joints	
430	YΔP 13.15.03.05	Nominal diameter DN 500 mm	ETEP 08-06-07-05	Pipeline components dismantling joints	
431	YΔP 13.15.03.06	Nominal diameter DN 600 mm	ETEP 08-06-07-05	Pipeline components dismantling joints	
432	YΔP 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	
40.4	VAD 40.04	WORKS FOR THE REPAIR AND MAINTENANCE OF NETWORKS AND OTHER MINOR STRUCTURES			
434	YΔP 16.01	Connection of water sump discharge pipe with the rainwater network			
	YΔP 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	YΔP 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			
		<u>wide</u>			
		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			
	YΔP 16.06.02.01	For the first side opening of the sump			
442	YΔP 16.06.02.02	For each additional opening			
		Fitting the sump grids to the level and gradient of the road pavement			
443	YΔP 16.07.01	For the first side opening of the sump			

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444	YΔP 16.07.02	For each additional opening			
		Cleaning a sump with side opening without a grid (type T)			
445	YΔP 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	YΔP 16.10	Cutting off water supply from the hydrant			
449	YΔP 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	YΔP 16.14.02	Manhole with interior diameter 1,50 m			
454	YΔP 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		For existing pipe diameter Φ 80 or Φ 100 mm			
456	YΔP 16.15.02	For existing pipe diameter Φ 150 mm			
457	YΔP 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	YΔP 16.16.01	For existing pipe diameter Φ 80 or Φ 100 mm			
460	YΔP 16.16.02	For existing pipe diameter Φ 150 mm			
461	YΔP 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			
	YΔP 16.17.01	For existing pipe diameter Φ 80 or Φ 100 mm			
	YΔP 16.17.02	For existing pipe diameter Φ 150 mm			
	YΔP 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	YΔP 16.18.01	For existing pipe diameter Φ 80 or Φ 100 mm			
467	YΔP 16.18.02	For existing pipe diameter Φ 150 mm			
468	YΔP 16.18.03	For existing pipe diameter Φ 200 mm			
469	YΔP 16.18.04	For existing pipe diameter Φ 250 mm			
		Disconnection of the existing water supply pipe from the network			
470	YΔP 16.20.01	For existing pipe diameter Φ 80 mm			
471	YΔP 16.20.02	For existing pipe diameter Φ 100 mm			
472	YΔP 16.20.03	For existing pipe diameter Φ 150 mm			
473	YΔP 16.20.04	For existing pipe diameter Φ 200 mm			
		Installation of multiple distributor $\Phi 63$ 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	ETEP 08-06-08-03	Retrofitting of concrete paving slabs along constructed	PETEP 08-06-08-03
		manhole with the water meters ≤ 4,00 m	ETEP 08-06-08-04	underground utility Retrofitting of kerbs and gutters along constructed underground utility	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 08-06-08-04	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	***************************************		
	ΥΔΡ 16.27	Locating and adjusting the elevation of the valve manhole as to the road pavement			
478	YΔP 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	YΔP 16.30.02	Cleaning of type A sump (with grid and side opening) for each additional opening			
481	YΔP 16.35	Filling the interior of the sump with repair mortar of cement base			
		Cleaning of sewage pipes using declogging machine			
	YΔP 16.40.01	Cleaning of sewage pipe DN 200-300 mm			
	YΔP 16.40.02	Cleaning of sewage pipe DN 315-400 mm			
	YΔP 16.40.03	Cleaning of sewage pipe DN 450-600 mm			
485	YΔP 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		Repair of side connections up to Φ160 to Φ200-600 ducts, not including preparation works			
503	ΥΔΡ		Repair of side connections up to $\Phi 160$ to $\Phi 200$ -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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GRO	UP D: ELECTRO	DMECHANICAL WORKS			
		STREET LIGHTING INSTALLATIONS			
		Steel Street Lighting Columns			
507	H/M 60.10.01.01	Steel Street Lighting Column 6.00 m high	ETEP 05-07-01-00	Infrastructure for road lighting	
			ETEP 05-07-02-00	Road lighting columns and fixtures	
508	H∧M 60.10.01.02	Steel Street Lighting Column 9.00 m high	ETEP 05-07-01-00	Infrastructure for road lighting	
500		0(-10) (1:15) 0 1 40 00 1:1	ETEP 05-07-02-00	Road lighting columns and fixtures	
509	H/M 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	
510	UAM 60 10 01 04	Steel Street Lighting Column 12,00 m	ETEP 05-07-02-00 ETEP 05-07-01-00	Road lighting columns and fixtures Infrastructure for road lighting	
510	H/\\VI 60.10.01.04	Steet Street Lighting Column 12,00 m	ETEP 05-07-01-00 ETEP 05-07-02-00	Road lighting columns and fixtures	
511	HAM 60 10 01 05	Steel Street Lighting Column 15,00 m	ETEP 05-07-01-00	Infrastructure for road lighting	
511	11/10/ 00.10.01.05		ETEP 05-07-01-00 ETEP 05-07-02-00	Road lighting columns and fixtures	
		Street lighting cement columns	LTE1 00 07 02 00	Trodd lighting columns and lixtures	
512	HΛM 60.10.02.01	Cement column, 5.00m high, external base diameter 185 mm,	ETEP 05-07-01-00	Infrastructure for road lighting	
0.2	11/11/1 00:10:02:01	weighing 240 kg, on a base of 1.00x1.00m and 1.50m deep	ETEP 05-07-02-00	Road lighting columns and fixtures	
513	HΛM 60.10.02.02	Cement column, 6.00m high, external base diameter 200 mm,	ETEP 05-07-01-00	Infrastructure for road lighting	
0.0		weighing 280 kg, on a base of 1.00x1.00m and 1.50m deep	ETEP 05-07-02-00	Road lighting columns and fixtures	
514	HΛM 60.10.02.03	Cement column, 7.00m high, external base diameter 215 mm,	ETEP 05-07-01-00	Infrastructure for road lighting	
		weighing 320 kg, on a base of 1.00x1.00m and 1.50m deep	ETEP 05-07-02-00	Road lighting columns and fixtures	
515	HΛM 60.10.02.04	Cement column, 9.00m high, external base diameter 245 mm,	ETEP 05-07-01-00	Infrastructure for road lighting	
		weighing 485 kg, on a base of 1.00x1.00m and 1.50m deep	ETEP 05-07-02-00	Road lighting columns and fixtures	
516	HΛM 60.10.02.05	Cement column, 10.00m high, external base diameter 260 mm,	ETEP 05-07-01-00	Infrastructure for road lighting	
		weighing 600 kg, on a base of 1.00x1.00m and 1.50m deep	ETEP 05-07-02-00	Road lighting columns and fixtures	
517	HΛM 60.10.02.06	Cement column, 11.00m high, external base diameter 275 mm,	ETEP 05-07-01-00	Infrastructure for road lighting	
		weighing 750 kg, on a base of 1.50x1.50m and 2.00m deep	ETEP 05-07-02-00	Road lighting columns and fixtures	
518	H/M 60.10.02.07	Cement column, 12.00m high, external base diameter 290 mm,	ETEP 05-07-01-00	Infrastructure for road lighting	
		weighing 850 kg, on a base of 1.50x1.50m and 2.00m deep	ETEP 05-07-02-00	Road lighting columns and fixtures	
519	HΛM 60.10.02.08	Cement column, 13.00m high, external base diameter 305 mm,	ETEP 05-07-01-00	Infrastructure for road lighting	
5 00		weighing 1000 kg, on a base of 1.50x1.50m and 2.00m deep	ETEP 05-07-02-00	Road lighting columns and fixtures	
520	HΛM 60.10.02.09	Cement column, 14.00m high, external base diameter 320 mm,	ETEP 05-07-01-00	Infrastructure for road lighting	
		weighing 1100 kg, on a base of 1.50x1.50m and 2.00m deep	ETEP 05-07-02-00	Road lighting columns and fixtures	
		Arm luminaires for street lighting with NaLP lamps semi cut-off			
521	HΛM 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	HΛM 60.10.20.01	Wattage 70 W	ETEP 05-07-02-00	Road lighting columns and fixtures	
	HΛM 60.10.20.02			Road lighting columns and fixtures	
	HΛM 60.10.20.03			Road lighting columns and fixtures	

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525	HΛM 60.10.20.04	Wattage 250 W	ETEP 05-07-02-00	Road lighting columns and fixtures	
	HΛM 60.10.20.05			Road lighting columns and fixtures	
		Street lighting pillars			
527	HΛM 60.10.80.01	Four-output street lighting pillar	ETEP 05-07-01-00	Infrastructure for road lighting	
	······································	Eight-output street lighting pillar	ETEP 05-07-01-00	Infrastructure for road lighting	
		Twenty-output street lighting pillar	ETEP 05-07-01-00	Infrastructure for road lighting	
530	HΛM 60.10.80.04	Twenty five-output street lighting pillar	ETEP 05-07-01-00	Infrastructure for road lighting	
531	HΛM 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	HΛM 60.10.85.01	Cable pulling manhole 40x40 cm			
533	HΛM 60.10.85.02	Cable pulling manhole 60x40 cm			
534	HΛM 60.10.85.03	Cable connecting manhole 120x80 cm			
		TRAFFIC LIGHTS			
		Installation of local traffic light controller			
535	HΛM 60.20.10.01	Installation of controller - Medium capacity pack - Up to sixteen (16)			
		traffic light groups provided by the Service			
536	HΛM 60.20.10.02				
		traffic light groups provided by the Service			
537	HΛM 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	HΛM 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	HΛM 60.20.11	Supply and installation of an output unit for four (4) groups of traffic			
- 40		lights for extending the capacity of the controller			
540	HΛM 60.20.12	Inductive loop vehicle detector unit, capacity: four-channel detection			
		LED traffic lights			
541	HΛM 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)			
F 40	11AM CO CO CO CO	Once III be in but tweeffig Big but four mead as builting to the CON browning and figure to CON browning and CON brown			
542	HΛM 60.20.20.02	Small height traffic light for pedestrians, two (2) luminous fields, Φ 200			
542	HVM 60 30 30 03	mm, colored signals (red-green) Small height warning traffic light, two (2) luminous fields, Φ 200 mm,			
543	HΛM 60.20.20.03	colored signals (amber-amber)			
544	HΛM 60.20.20.04	Mounted traffic light for vehicles, three (3) luminous fields, Φ 300 mm,			
544	11/11/1 00.20.20.04	colored signals (red-amber-green) or (red-amber- amber)			
5/5	HΛM 60.20.20.05	Mounted warning traffic light, two (2) luminous fields, Ф 300 mm,			
545	1 1/ (IVI UU.ZU.ZU.US	colored signals (amber-amber)			
L		Lonoren signais (annoer-annoer)			

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		Traffic lights cabling			
546	HΛM 60.20.30.01				
		(NYY), stranded, cross-section 21X1.5 mm2			
547	HΛM 60.20.30.02	Supply, installation and electrical connection of a cable E1VV-R			
		(NYY), stranded, cross-section 21X1,5 mm ²			
548	HΛM 60.20.30.03	Supply, installation and electrical connection of a cable E1VV-R			
		(NYY), stranded, cross-section 5X1,5 mm ²			
549	HΛM 60.20.30.04	Supply, installation and electrical connection of a cable E1VV-R			
		(NYY), stranded, cross-section 5X1,5 mm ²			
550	HΛM 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	HΛM 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	HΛM 60.20.35	Detector loop structure in the asphalt pavement			
		Infrastructure works for traffic lights			
553	HΛM 60.20.40.01	Steel, galvanized cable conduits for traffic lights			
	11484 00 00 40 00	Nominal diameter DN 50 mm (thread: 2"), 3.2 mm thick			
554	H/\W 60.20.40.02	Steel, galvanized cable conduits for traffic lights Nominal diameter DN 63 mm, thread: 2½", 3.6 mm thick			
		i i			
555	HΛM 60.20.40.11	HDPE Conduits for the protection of traffic lights underground cables			
		Diameter DN 63 mm			
556	HAM 60 20 40 12	HDPE Conduits for the protection of traffic lights underground cables			
330	11/11/1 00.20.40.12	Diameter DN DN 90 mm			
557	HΛM 60.20.40.21	Supply and installation of copper plate earth electrode			
		Traffic lights manhole structure, 0.40 x 0.40 cm			
559	HΛM 60.20.40.41				
		PPC power consumption meter, type IA			
560	HΛM 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			
		Installation or dismantling of simple traffic light signal columns			
		Installation or dismantling of a traffic light signal column with arm			
		Supply of simple traffic light signal column, galvanized Supply of traffic light signal columns, galvanized			
		Drilling of holes to an installed signaling column			
		Construction of traffic light cable routing underneath the road			
		pavement			
567	HΛM 60.20.50.40	Construction of traffic light cable routing underneath the sidewalk			

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		Traffic signaling accessories			
568	HΛM 60.20.75.01	Supply and installation of a button for pedestrians			
		Movable worksite signaling rigs			
569	HAM 60.20.90.01	Towed signaling rig for worksites of roadworks, dimensions 2.55 x 1.70 m			
	HΛM 60.20.90.02	Towed signaling rig for worksites of roadworks, dimensions 3.70 x 2.20 m			
571	HAM 60.20.90.10	Movable traffic signaling unit			
		MAINTENANCE OF LIGHTING INSTALLATIONS			
		Removal of steel lighting poles			
572	HΛM 62.10.01.01	Removal and transportation of a pole, up to 14.00m high			
573	HΛM 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	HΛM 62.10.02.01	Removal and transportation of a pole up to 12.00 m high			
575	HAM 62.10.02.02	Removal and transportation of a pole from 14 m to 20 m high			
		Removal of lighting fixtures			
576	HΛM 62.10.03.01	Removal of a lighting fixture from the arm or the top of an installed pole			
		Removal of arms			
577	HΛM 62.10.04.01	Removal of the arm from an installed pole with or without lighting fixtures			
578	HΛM 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	HΛM 62.10.10.01	Cleaning of lighting fixtures installed at a height of up to 8.0m from the work floor			
580	HΛM 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			
		Re-painting of a pole up to 12 m high, installed			
		Re-painting of a pole from 14 m to 20 m high, installed			
583	HΛM 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	HΛM 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	HΛM 62.10.26.01	Wattage 70W			
586	HΛM 62.10.26.02	Wattage 150W			
	HΛM 62.10.26.03				
	HΛM 62.10.26.04				

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		Asymmetrical beam street floodlights for high pressure Na vapour bulbs			
589	HΛM 62.10.30.01	Wattage 250W / 400 W			
		Replacement of instruments on lighting pillar	,		
590	HΛM 62.10.35.01	Replacement of fuse links at a lighting pillar			
591		Fuse replacement in a terminal box on a lighting pillar			
		Replacement of rail-mounted load breakers			
593	HΛM 62.10.35.04	Replacement of rail-mounted automatic fuses			
594	HΛM 62.10.35.05	Replacement of rail type indication bulb			
		Replacement of cable gland			
596	HΛM 62.10.35.07	Replacement of rail on electrical switchboard			
		Replacement of load relays			
		Replacement of light sensor			
	HΛM 62.10.36	Re-painting of lighting pillars			
600	HΛM 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			
004		-			
		cross section 3 x 1,5 mm ²			
		cross section 3 x 2,5 mm ²			
603	HΛM 62.10.40.03	cross section 4 x 1,5 mm ²			
		Type E1VV-U, -R, -S (NYY) cables, nominal voltage 600/1000 V,			
00.4		with PVC insulating sheath			
		cross section 3 x 1,5 mm ²			
		cross section 3 x 2,5 mm ²			
		cross section 4 x 1,5 mm ²			
607	HΛM 62.10.41.04	cross section 4 x 10 mm²			
000	11004 00 40 40 04	Bare multi-core copper conductors			
	HΛM 62.10.48.01 HΛM 62.10.48.02	cross section 6 mm²			
		cross section 10 mm² cross section 25 mm²			
610	H/\\VI 62.10.48.03	TRAFFIC SIGNALLING MAINTENANCE			
044	LIANA CO 00 40				
	HΛM 62.20.10 HΛM 62.20.20	Replacement of outer case of cross connection type IA cabinet Repair of a bended simple lighting pole			
	HΛM 62.20.20 HΛM 62.20.30	Supply and installation of type E ή J1VV-R or U 21x1,5 mm2 cable			
		connector			
	HΛM 62.20.40	Supply and installation of remote control cable connector			
615	HΛM 62.20.50	Supply and installation or replacement of the base of the signaling controller			