

**Reabilitarea retelelor de  
alimentare cu apa in or.Causeni.  
N11/22-AE.SU**

(denumirea obiectivului)

Formular Nr.3

WinCmeta

**Deviz local de resurse № 2-1-1  
Sistemul de alimentare cu apa.**

**Valoarea de deviz 8 763 005,48 lei**

Intocmit in prețuri curente

№ crt.	Simbol norme și Cod resurse	Denumire lucrări și cheltuieli	U.M.	Cantitate conform datelor din proiect	Valoarea de deviz, lei	
					Pe unitate de măsură	Total
1	2	3	4	5	6	7
		Total borderou de resurse № 2-1-1:				

**Manopera :**

1.	4214340026831	Mecanic exploatare utilaje	h-om	147,200	60,00	8 832,000
2.	7122050013400	Zidar	h-om	117,268	60,00	7 036,080
3.	7123010010200	Betonist	h-om	800,560	60,00	48 033,600
4.	71240100107001	Dulgher	h-om	1 381,200	50,00	69 060,000
5.	7129020012800	Pavator	h-om	5,750	60,00	345,000
6.	7129040010110	Asfaltator	h-om	166,446	60,00	9 986,760
7.	7136020011620	Instalator apa, canal	h-om	2,300	60,00	138,000
8.	7136040011749	Instalator incalzire si gaze	h-om	75,600	60,00	4 536,000
9.	7136050012000	Instalator alimentari apa	h-om	2 046,758	60,00	122 805,480
10.	7136080025000	Montator conducte	h-om	33,933	60,00	2 035,980
11.	7137010011500	Electrician	h-om	70,440	60,00	4 226,400
12.	7141020013400	Vopsitor industrial	h-om	10,704	60,00	642,240
13.	7212030022700	Sudor	h-om	7,718	60,00	463,080
14.	7213050013100	Tinichigiu	h-om	8,240	60,00	494,400
15.	7214240021810	Lacatus CM	h-om	146,644	60,00	8 798,640
16.	8113100070200	Sondor mecanic	h-om	735,080	60,00	44 104,800
17.	9310060019900	Muncitor necalificat	h-om	2 222,403	50,00	111 120,150
18.	9310060019920	Muncitor deservire CM	h-om	183,209	60,00	10 992,540
19.	9310060019922	Muncitor deservire	h-om	154,097	60,00	9 245,820
20.	9310060019930	Muncitor	h-om	143,872	60,00	8 632,320
21.	9312040019600	Sapator	h-om	275,418	60,00	16 525,080
		<b>Total manopera</b>				<b>488 054,370</b>

**Materiale:**

1.	1023748203	Hidrant subteran PN10 DN100mm H=1,0m	buc	7,000	5 000,00	35 000,000
2.	1023748204	Hidrant subteran PN10 DN80mm H=1,0m	buc	1,000	3 500,00	3 500,000
3.	1111000100010	Mixtura asfaltica	kg	1 179,373	1,45	1 710,091
4.	11110001000130 2	Mixtura asfaltica preparata la cald mica	t	84,525	1 600,00	135 240,000
5.	11110001000131 0	Mixtura asfaltica preparata la cald cu agregate mari	t	126,787	1 450,00	183 841,150
6.	120712161338	Inel distantier PA 11-36	buc	31,000	300,00	9 300,000
7.	14111222017520	Piatra sparta	m3	635,421	350,00	222 397,350

	2					
8.	1421102200290	Pietris ciuruit spalat de mal 7-30 mm	m3	5,031	350,00	1 760,850
9.	1421102200525	Nisip sortat nespalat de riu si lacuri 0,0-7,0 mm	m3	299,346	200,00	59 869,200
10.	1421102206036	Piatra sparta pt. drumuri 8 -45 mm	m3	241,285	350,00	84 449,750
11.	1421202206000	Nisip 0,0-7,0 mm	m3	0,262	200,00	52,400
12.	1421402200393	Balast pentru betoane 0-71 mm S1667	m3	6,555	350,00	2 294,250
13.	1422102205642	Trasgel (bentonita activa pt.fluid de foraj cal. II)	kg	9 025,200	1,00	9 025,200
14.	1450336200468	Grafit concentrat tip G, praf	kg	0,025	15,00	0,375
15.	1542126108945	Ulei de in sicitivat	kg	0,045	65,00	2,925
16.	1711317306661	Bumbac de sters	kg	1,620	5,00	8,100
17.	1714227322926	Fringhie de cinepa gudronata	kg	221,358	40,00	8 854,320
18.	1714227322940	Cinepa fuior	kg	0,020	25,00	0,500
19.	2010102906951	Bara de lemn	m3	0,717	4 000,00	2 868,000
20.	2010102915572	Cofraje din scindura 40 mm grosime	m2	6,271	350,00	2 194,850
21.	201010291768215	Dulap fag lung tivita cls C gr=50mm lung=2,50m S8689	m3	3,729	4 000,00	14 916,000
22.	2320156200901	Motorina	kg	104,761	20,00	2 095,220
23.	2320166200676	White spirit	kg	3,241	30,00	97,230
24.	23203226000001	Bitum taiat (cut-back)	t	0,031	14,00	0,434
25.	2320322600036	Bitum pt. hidroizolatii	kg	1 695,922	14,00	23 742,908
26.	2411115904512	Oxigen tehnic gazos S2031	m3	20,025	30,00	600,750
27.	2413547308164	Carbura de calciu tehnica (carbid) S102	kg	9,402	25,00	235,050
28.	24165373438290	Amestec "Penetron"	kg	246,880	120,00	29 625,600
29.	2430116100000	Email clorcauciuc	kg	12,964	50,00	648,200
30.	2430116103294	Vopsea miniu plumb v.351-3 NTR 90	kg	6,420	50,00	321,000
31.	2430126100338	Solutie de etansare	kg	0,040	15,00	0,600
32.	2430226100814	Grund miniu de plumb G 355-6	kg	6,482	45,00	291,690
33.	2430226109420	Diluant pt.lacuri anticorozive D.006-1 NI 1708-61 A1	kg	0,915	30,00	27,450
34.	2513206621501	Banda de avertizare	m	3 932,000	1,20	4 718,400
35.	2513206622020	Placa marsit de 3,0 mm, 25 at.	kg	0,200	35,00	7,000
36.	2513736601000	Garnituri cauciuc cu insertii	buc	121,625	15,00	1 824,375
37.	2521216701200	Conducta PEHD RC SDR 17 PE100 PN10 d315mm triplustrat	m	3 997,060	750,00	2 997 795,000
38.	2521216701202	Conducta PEHD RC SDR 17 PE100 PN10 d160mm triplustrat	m	33,997	300,00	10 199,100
39.	2521216716013	PEHD SDR17 PN10 d450mm prin foraj orizontal dirijat	m	46,138	1 700,00	78 434,600
40.	25231567120111	Capat flansa PEHD RC PE100 d160mm	buc	6,180	250,00	1 545,000
41.	252315671385	. Cot 90* PEHD RC PE100 d315mm	buc	14,420	3 500,00	50 470,000
42.	252315671388	Cot 90* PEHD RC PE100 110mm	buc	6,180	268,00	1 656,240
43.	252315671390	Cot 60* PEHD RC PE100 d315mm	buc	4,120	3 000,00	12 360,000
44.	252315671395	Cot 45* PEHD RC PE100 d315mm	buc	2,060	2 500,00	5 150,000
45.	252315671399	Cot 30* PEHD RC PE100 d315mm	buc	7,210	1 600,00	11 536,000
46.	252315671405	Cot 11* PEHD RC PE100 d315mm	buc	3,090	1 600,00	4 944,000
47.	252315672351	Capat flansa PE HD RC PE100 d315mm	buc	55,620	1 400,00	77 868,000
48.	25231567355	Capat flansa PE HD RC PE100 d160mm	buc	8,240	230,00	1 895,200
49.	25231567357	Capat flansa PE HD RC PE100 d110mm	buc	5,150	100,00	515,000
50.	25231567358	Capat flansa PE HD RC PE100 d90mm	buc	1,030	90,00	92,700
51.	2651122100024	Ciment portland P 40 saci S388	kg	46,652	2,50	116,630
52.	2651122100402	Ciment metalurgic cu adaosuri M 30 saci S1500	kg	1 297,537	2,50	3 243,843
53.	26611264331520	Placi prefabricate pt. camine KИД-15 (0,38 m3)	buc	18,000	1 300,00	23 400,000
54.	2661126433152024	Inel prefabricat pt. camine KИ20-6a(0,265 m3)	buc	20,000	1 300,00	26 000,000
55.	26611264331524	Inel prefabricat pt. camine KИ15-6a(0,265 m3)	buc	18,000	800,00	14 400,000

56.	26611264331527	Placi prefabricate pt. camine КЦП1-15-1(0,27 m3)	buc	13,000	1 300,00	16 900,000
57.	26611264331528	Placi prefabricate pt. camine КЦП2-15-1(0,27 m3)	buc	5,000	1 350,00	6 750,000
58.	26611264331531	Inel prefabricat pt. camine КЦ-15-9a (0.40 m3)	buc	18,000	1 200,00	21 600,000
59.	26611264331545	Inel de reazem КЦО-1(0,02 m3)	buc	24,000	230,00	5 520,000
60.	26611264331545 5	Inel de reazem КЦ7-3(0,05m3)	buc	24,000	400,00	9 600,000
61.	26611264332152	Placi prefabricate pt. camine КЦД-20 (0,59 m3)	buc	6,000	2 500,00	15 000,000
62.	26611264332153	Inel prefabricat pt. camine КЦ-20-9 (0,59 m3)	buc	14,000	1 900,00	26 600,000
63.	26611264332157 8	Placi prefabricate pt. camine КЦП1-20-1(0,51m3)	buc	4,000	2 500,00	10 000,000
64.	26611264332157 9	Placi prefabricate pt. camine КЦП2-20-1(0,51m3)	buc	2,000	2 500,00	5 000,000
65.	266310210035	Beton B20	m3	14,506	1 250,00	18 132,500
66.	2663102100919	Beton de ciment (Bc 3,5/B 50)	m3	3,987	1 000,00	3 987,000
67.	2663102100933	Beton de ciment clasa C7,5/5 (BC7,5/B100)	m3	5,040	1 200,00	6 048,000
68.	2663102100945	Beton de ciment clasa B12,5/M150	m3	6,736	1 250,00	8 420,000
69.	2663102100957	Beton de ciment clasa B15/M200	m3	4,371	1 300,00	5 682,300
70.	2663102101	Beton B10	m3	3,313	1 100,00	3 644,300
71.	2664102100013	Mortar asfaltic	t	3,213	1 100,00	3 534,300
72.	2664102101126	Var	kg	5,049	5,00	25,245
73.	2664102101196	Mortar -ciment M 50	m3	1,577	1 000,00	1 577,000
74.	2681116002000	Disc armat cu segm. diamant crest. larg. d=400 mm	buc	8,239	500,00	4 119,500
75.	2710603420379	Otel patrat lam.cald lt = 30 mm	kg	24,278	15,00	364,170
76.	272210331011	Tub de protectie L=200mm PVC SN8 d500mm	m	8,400	800,00	6 720,000
77.	272210331021	Tub de protectie L=200mm PVC SN8 d315mm	m	1,600	450,00	720,000
78.	272210331022	Tub de protectie L=200mm PVC SN8 200mm	m	1,200	250,00	300,000
79.	2734113803207	Sirma neagra moale d = 2 mm	kg	7,718	30,00	231,540
80.	2734125900487	Sirma pt. sudura, obisnuita dn=2,5 mm	kg	0,195	30,00	5,850
81.	2775276309886	Consumul de metale pentru consolidarea caminelor constituie	kg	1 371,330	10,00	13 713,300
82.	2775276309890	Scara	kg	474,240	30,00	14 227,200
83.	2873145887001	Cuie cu cap con. Tip A 1 4,0 x 100 S2111	kg	25,963	30,00	778,890
84.	2873155901200	Electrozi pentru sudura	kg	3,859	50,00	192,950
85.	2874115800001	Suruburi hexagonale cu piulite	buc	555,360	7,00	3 887,520
86.	2874115801000	Suruburi cap hexagonal cu piulite M-16x240	buc	726,000	10,00	7 260,000
87.	2874115801148	Suruburi cap hexagonal M 12x50 mm	buc	16,000	5,00	80,000
88.	2874115821760	Surub cap hexagonal M 16x70 gr. 4,8	buc	64,640	7,00	452,480
89.	2874115840558	Piulita hexag. M16	buc	64,640	1,00	64,640
90.	2874115842760	Piulita hexag. M12	buc	16,000	1,00	16,000
91.	2874117300151	Vana de aerisire PN10 d150mm	buc	5,150	6 000,00	30 900,000
92.	2874117300207	Compensator de montaj PN10 d150mm L1=180	buc	8,240	1 500,00	12 360,000
93.	2874117300208	Compensator de montaj PN10 d100mm L1=180	buc	5,200	1 000,00	5 200,000
94.	287411730037	Vana sertar cauciucat PN10 d150mm	buc	8,320	2 600,00	21 632,000
95.	287411730038	Vana sertar cauciucat PN10 d100mm	buc	5,200	1 700,00	8 840,000
96.	287411730039	Vana sertar cauciucat PN10 d80mm	buc	1,040	1 400,00	1 456,000
97.	2874125881289	Saibe uzuale, plate M 14	buc	16,000	1,00	16,000
98.	2874145893787	Cuie de constructii	kg	3,411	30,00	102,330
99.	2875274110131	Cruce fonta cu flanse ductila PN10 d300/300mm	buc	2,000	11 500,00	23 000,000
100.	2875274110148	Teu fonta cu flanse ductila PN 10d300/300mm	buc	7,000	11 000,00	77 000,000
101.	2875274110149	Teu fonta cu flanse ductila PN10 d300/150mm	buc	8,000	11 000,00	88 000,000
102.	2875274110151	Teu fonta cu flanse ductila PN10 d300/100mm	buc	7,000	11 500,00	80 500,000

103.	2875274110172	Teu fonta cu flanse ductila PN10 d100/100mm	buc	3,000	1 500,00	4 500,000
104.	2875274110175	Teu fonta cu flanse ductila PN10 d80/80mm	buc	1,000	1 200,00	1 200,000
105.	2875274110181	Flansa libera din otel zincat d160mm	buc	6,000	400,00	2 400,000
106.	287527411030	Conducta cu flanse fonta ductila L=700mm d300mm	buc	4,000	3 200,00	12 800,000
107.	28752741103050	Conducta cu flanse fonta ductila L=500mm d300mm	buc	2,000	3 000,00	6 000,000
108.	287527411061	Reductia concentrica cu flanse fonta ductila PN10 d300/150mm	buc	5,000	5 800,00	29 000,000
109.	287527411062	Reductia concentrica cu flanse fonta ductila PN10 d300/100mm	buc	3,000	5 000,00	15 000,000
110.	287527411063	Reductia concentrica cu flanse fonta ductila PN10 d300/80mm	buc	1,000	4 800,00	4 800,000
111.	287527411091	Cot cu flanse fonta ductila PN10 d300mm	buc	2,000	8 000,00	16 000,000
112.	28752742045	Capac compozit pas liber 600 rama 887 C250	buc	14,280	1 600,00	22 848,000
113.	28752742050	Capac compozit pas liber 600 rama 887 B125	buc	10,000	1 200,00	12 000,000
114.	2875274400151	Flansa din otel pentru sudura d150mm	buc	6,300	350,00	2 205,000
115.	2875274401000	Flansa plata Pn 6 d300	buc	2,000	400,00	800,000
116.	28752744292130	Flansa libera din otel zincat d315mm	buc	55,080	900,00	49 572,000
117.	28752744292134	Flansa libera din otel zincat 160mm	buc	8,160	500,00	4 080,000
118.	28752744292136	Flansa libera din otel zincat 110mm	buc	5,150	250,00	1 287,500
119.	287527442921375	Flansa libera din otel zincat 90mm	buc	1,030	200,00	206,000
120.	4011106202741	Energie electrica	kw	6,174	2,00	12,348
121.	40231014	Indicator hidrant de incendiu	buc	8,000	250,00	2 000,000
122.	40231015	Vana sertar cauciucat PN10 d300mm	buc	43,000	9 500,00	408 500,000
123.	40231016	Compensator de montaj PN10 d300mm LI=200	buc	38,000	6 000,00	228 000,000
124.	40231021	Reductor de presiune WW 420 PN16 d300mm	buc	1,000	17 000,00	17 000,000
125.	40231022	Filtru "Y" de retinere impuritati d300mm	buc	1,000	15 000,00	15 000,000
126.	4100116202806	Apa industriala in cisterne pt. lucrari drumuri-terasam.	m3	95,320	15,00	1 429,800
127.	4100116202818	Apa pentru mortare si betoane	m3	93,591	15,00	1 403,865
128.	4100116202820	Apa potabila	m3	1 176,365	15,00	17 645,475
129.	4100126202818	Apa	m3	150,420	15,00	2 256,300
		<b>Total materiale de constructii</b>				<b>5 611 249,834</b>

#### **Utilaje de constructii:**

1.	2592270004021	Compactor pe pneuri sau mecanic 150 - 200 kg	h-ut	249,648	100,00	24 964,800
2.	28752774100000	Compresor 5m3/min	h-ut	16,495	100,00	1 649,500
3.	2912340002509	Motocompresor mobil de aer de joasa presiune, debit 4,0 - 5,9 mc/min	h-ut	1,992	100,00	199,200
4.	2922140006702	Macara de fereastră	h-ut	1,030	25,00	25,750
5.	2922140007000	Macara	h-ut	2,518	300,00	755,400
6.	2940420002422	Masina de sudura PE cu toate accesoriile	h-ut	53,049	100,00	5 304,900
7.	2952220003546	Autogreder pina la 175 cp	h-ut	1,947	400,00	778,800
8.	2952240004003	Compactor pe pneuri static autopropulsat 10,1-16 tf	h-ut	7,104	200,00	1 420,800
9.	2952240004010	Compactor static autopropulsat cu rulouri valturi R 8-14 de 14tf	h-ut	18,350	200,00	3 670,000
10.	2952240005100	Repartizor finisor de mixturi asfaltice cu motor term. 92 cp	h-ut	7,104	300,00	2 131,200
11.	2952260003501	Excavator pe senile cu o cupa cu motor termic, 0,40-0,70 mc	h-ut	79,428	350,00	27 799,800
12.	2952260003501	Excavator pe senile cu o cupa cu motor termic, 0,40-0,70 mc	h-util	26,091	350,00	9 131,850
13.	2952260003521	Excavator pe pneuri cu motor termic de 0,21-0,39 mc buldoex	h-ut	1,317	350,00	460,950

14.	2952260003553	Buldozer pe senile pina la 65-80 CP	h-util	43,633	300,00	13 089,900
15.	2952260003554	Buldozer 79kw (108CP)	h-ut	0,365	300,00	109,500
16.	2952260003554	Buldozer 79kw (108CP)	h-util	0,952	300,00	285,600
17.	2952270001813	Instalatie foraj orizontal dirijat	h-ut	147,200	200,00	29 440,000
18.	2952270003000	Vibrator de suprafata	h-ut	4,028	100,00	402,800
19.	2952270003100	Vibrator de adincime	h-ut	8,366	100,00	836,600
20.	2952270003370	Ciocan pneumatic 4.0-5.9 m3/min	h-ut	71,680	50,00	3 584,000
21.	29522700037002	Betoniera de 250 l cu cadere libera	h-ut	2,233	50,00	111,650
22.	2952270004021	Mai mecanic de 150-200 kg cu motor termic 6 cp (4 kw)	h-ut	377,483	100,00	37 748,300
23.	2952270004030	Topitor bitum de 400 l	h-ut	6,095	100,00	609,500
24.	2952270004204	Masina de taiat rosturi in beton cu discuri abrazive	h-ut	692,076	30,00	20 762,280
25.	2952270004704	Motopompa monoetajata montata pe tractor 65 cp	h-ut	24,000	100,00	2 400,000
26.	2952270007602	Tirfor 1,5 tf	h-ut	117,960	50,00	5 898,000
27.	3110320003006	Grup termic de sudura de 1-14 kw	h-ut	7,140	100,00	714,000
28.	3410520001373	Automacara 5 tf	h-ut	120,838	300,00	36 251,400
29.	3410540000006	Autobasculanta-5t	h-ut	60,573	250,00	15 143,250
30.	3410540005603	Autocisterna 5-8 t cu dispozitive de stropire	h-ut	392,325	30,00	11 769,750
		<b>Total utilaje de constructii</b>				<b>257 449,480</b>

Total	lei	7 302 504,57
TVA	20,00 %	1 460 500,91
Total	100,00 +	8 763 005,48

**Total deviz:**

**8 763 005,  
48**

Intocmit

Dascalescu Andrei

(funcția, semnătura, numele, prenumele)

Verificat

\_\_\_\_\_

(funcția, semnătura, numele, prenumele)