

Achizitie s					
	Nr. crt.	Denumire	Cantit. totala	U.m.	Pret unitar , RON/u.m.
	3.3	Instalatie descarcare supape de siguranta circuit sub presiune ciclopentan			
	3.3.1	Trasee conducte descarcare supape de siguranta instalatie ciclopentan			
	Dime n.				
1	100	SEAMLESS PIPE 114.3X8.8, MATERIAL P265GH, TC1-SR EN 10216-2, CERTIFICATE OF INSPECTION 3.1-SR EN 10204	47000	mm	x
2	125	SEAMLESS PIPE 139.7X10.0, MATERIAL P265GH, TC1-SR EN 10216-2, CERTIFICATE OF INSPECTION 3.1-SR EN 10204	76000	mm	x
3	150	SEAMLESS PIPE 168.3X7.1, MATERIAL P265GH, TC1-SR EN 10216-2, CERTIFICATE OF INSPECTION 3.1-SR EN 10204	9000	mm	x
4	200	SEAMLESS PIPE 219.1X8.0, MATERIAL P265GH, TC1-SR EN 10216-2, CERTIFICATE OF INSPECTION 3.1-SR EN 10204	45000	mm	x
5	25	SEAMLESS PIPE 33.7X4.5, MATERIAL P265GH, TC1-SR EN 10216-2, CERTIFICATE OF INSPECTION 3.1-SR EN 10204	500	mm	x
6	300	SEAMLESS PIPE 323.9X10.0, MATERIAL P265GH, TC1-SR EN 10216-2, CERTIFICATE OF INSPECTION 3.1-SR EN 10204	40000	mm	x
7	400	WELDED PIPE 406.4X11.0, MATERIAL P265GH, TC1-SR EN 10217-2, CERTIFICATE OF INSPECTION 3.1-SR EN 10204	7000	mm	x
8	500	WELDED PIPE 508X12.5, MATERIAL P265GH, TC1-SR EN 10217-2, CERTIFICATE OF INSPECTION 3.1-SR EN 10204	16500	mm	x
9	150	90° ELBOW 168.3X7.1,TYPE B, MODEL 3D-SR EN 10253-2, MATERIAL P265GH, CERTIFICATE OF INSPECTION 3.1-SR EN 10204	2	buc.	x
10	200	90° ELBOW 219.1X8.0,TYPE B, MODEL 3D-SR EN 10253-2, MATERIAL P265GH, CERTIFICATE OF INSPECTION 3.1-SR EN 10204	8	buc.	x
11	300	90° ELBOW 323.9X10.0,TYPE B, MODEL 3D-SR EN 10253-2, MATERIAL P265GH, CERTIFICATE OF INSPECTION 3.1-SR EN 10204	6	buc.	x
12	300	45° ELBOW 323.9X10.0,TYPE B, MODEL 3D-SR EN 10253-2, MATERIAL P265GH, CERTIFICATE OF INSPECTION 3.1-SR EN 10204	1	buc.	x
13	200	EQUAL TEE 219.1X8.0, TYPE B-SR EN 10253-2, P265 GH, CERTIFICATE OF INSPECTION 3.1-SR EN 10204	1	buc.	x
14	400	EQUAL TEE 406.4X11.0, TYPE B-SR EN 10253-2, P265 GH, CERTIFICATE OF INSPECTION 3.1-SR EN 10204	1	buc.	x
15	500	EQUAL TEE 508X12.5, TYPE B-SR EN 10253-2, P265 GH, CERTIFICATE OF INSPECTION 3.1-SR EN 10204	2	buc.	x
16	150x125	CONCENTRIC REDUCING 168.3X7.1\139.7X6.3, TYPE B-SR EN 10253-2, MATERIAL P265 GH, CERTIFICATE OF INSPECTION 3.1-SR EN 10204	1	buc.	x
17	200x150	CONCENTRIC REDUCING 219.1X8.0\168.3X7.1, TYPE B-SR EN 10253-2, MATERIAL P265 GH, CERTIFICATE OF INSPECTION 3.1-SR EN 10204	2	buc.	x

18	300x250	CONCENTRIC REDUCING 323.9X10.0\273X8.8, TYPE B-SR EN 10253-2, MATERIAL P265 GH, CERTIFICATE OF INSPECTION 3.1-SR EN 10204	1	buc.	x
19	400x200	CONCENTRIC REDUCING 406.4X11.0\219.1X8.0, TYPE B-SR EN 10253-2, MATERIAL P265 GH, CERTIFICATE OF INSPECTION 3.1-SR EN 10204	1	buc.	x
20	500x300	CONCENTRIC REDUCING 508X12.5\323.9X10.0, TYPE B-SR EN 10253-2, MATERIAL P265 GH, CERTIFICATE OF INSPECTION 3.1-SR EN 10204	1	buc.	x
21	100	CAP BUTTWELD 114.3X8.8, TYPE B - SR EN 10253-2, MATERIAL P65 GH, CERTIFICATE OF INSPECTION 3.1-SR EN 10204	20	buc.	x
22	125	CAP BUTTWELD 139.7X10.0, TYPE B - SR EN 10253-2, MATERIAL P65 GH, CERTIFICATE OF INSPECTION 3.1-SR EN 10204	32	buc.	x
23	400	CAP BUTTWELD 406.4X11.0, TYPE B - SR EN 10253-2, MATERIAL P65 GH, CERTIFICATE OF INSPECTION 3.1-SR EN 10204	2	buc.	x
24	500	CAP BUTTWELD 508X12.5, TYPE B - SR EN 10253-2, MATERIAL P65 GH, CERTIFICATE OF INSPECTION 3.1-SR EN 10204	2	buc.	x
25	125	WELDING NECK FLANGE, 150# CLASS, R.F. SEALING, MATERIAL A 182Gr.F5, ACCORDING ASME B16.5	1	buc.	x
26	150	WELDING NECK FLANGE, 150# CLASS, R.F. SEALING, MATERIAL A 182Gr.F5, ACCORDING ASME B16.5	1	buc.	x
27	25	WELD NECK FLANGE, TYPE 11 (NECK THICKNESS EQUAL WITH THE PIPE WALL THICKNESS), PN 25, GROUP 3E1, B1-SR EN 1092-1, MATERIAL P280 GH, SR EN 10222-2, CERTIFICATE OF INSPECTION 3.1-SR EN 10204	2	buc.	x
28	250	WELDING NECK FLANGE, 150# CLASS, R.F. SEALING, MATERIAL A 182Gr.F5, ACCORDING ASME B16.5	1	buc.	x
29	400	WELD NECK FLANGE, TYPE 11 (NECK THICKNESS EQUAL WITH THE PIPE WALL THICKNESS), PN 25, GROUP 3E1, B1-SR EN 1092-1, MATERIAL P280 GH, SR EN 10222-2, CERTIFICATE OF INSPECTION 3.1-SR EN 10204	2	buc.	x
30	500	WELD NECK FLANGE, TYPE 11 (NECK THICKNESS EQUAL WITH THE PIPE WALL THICKNESS), PN 25, GROUP 3E1, B1-SR EN 1092-1, MATERIAL P280 GH, SR EN 10222-2, CERTIFICATE OF INSPECTION 3.1-SR EN 10204	3	buc.	x
31	25	BLIND FLANGE, TYPE 05, PN 25, GROUP 3E0, B1-SR EN 1092-1, MATERIAL P65 GH, SR EN 10028-2, CERTIFICATE OF INSPECTION 3.1-SR EN 10204	2	buc.	x
32	500	BLIND FLANGE, TYPE 05, PN 25, GROUP 3E0, B1-SR EN 1092-1, MATERIAL P65 GH, SR EN 10028-2, CERTIFICATE OF INSPECTION 3.1-SR EN 10204	1	buc.	x
33	12	(4) STUD BOLT TYPE B, M12X75.0000, FULLY THREADED, 42CrMo4 QT- EN 10269, SR EN 1515-4 (ANNEX A); HEXAGON HIGH NUTS (STYLE 2), SR EN ISO 4033, PRODUCT GRADE B, 21CrMoV5-7 QT- SR EN 10269, CERTIFICATE OF INSPECTION 3.1-SR EN 10204-SR EN 10204:2005	4	buc.	x
34	3/4	(8) STUD BOLT DIA.=3/4 INCH X L=100 MM, ALLOY STEEL ASTM A193 GR. B7/ 2 x HEXAGONAL NUTS ASTM A194 GR. 2H, DIMENSIONS FOR FLANGES 150# CLASS, ACCORDING ASME B16.5	2	buc.	x
35	3/4	(8) STUD BOLT DIA.=3/4 INCH X L=95 MM, ALLOY STEEL ASTM A193 GR. B7/ 2 HEXAGONAL NUTS ASTM A194 GR. 2H, DIMENSIONS FOR FLANGES 150# CLASS, ACCORDING ASME B16.5	2	buc.	x

36	33	(16) STUD BOLT TYPE B, M33X180.0000, FULLY THREADED, 42CrMo4 QT- EN 10269, SR EN 1515-4 (ANNEX A); HEXAGON HIGH NUTS (STYLE 2), SR EN ISO 4033, PRODUCT GRADE B, 21CrMoV5-7 QT- SR EN 10269, CERTIFICATE OF INSPECTION 3.1-SR EN 10204-SR EN 10204:2005	1	buc.	x
37	33	(20) STUD BOLT TYPE B, M33X200.0000, FULLY THREADED, 42CrMo4 QT- EN 10269, SR EN 1515-4 (ANNEX A); HEXAGON HIGH NUTS (STYLE 2), SR EN ISO 4033, PRODUCT GRADE B, 21CrMoV5-7 QT- SR EN 10269, CERTIFICATE OF INSPECTION 3.1-SR EN 10204-SR EN 10204:2005	2	buc.	x
38	7/8	(12) STUD BOLT DIA.=7/8 INCH X L=115 MM, ALLOY STEEL ASTM A193 GR. B7/ 2 HEXAGONAL NUTS ASTM A194 GR. 2H, DIMENSIONS FOR FLANGES 150# CLASS, ACCORDING ASME B16.5	2	buc.	x
39	125	SPIRAL WOUNDED GASKET WITH CENTERING RING, PRESSURE CLASS 150#, R.F._ASME B16.5, MATERIAL GRAPHITE AND STAINLESS STEEL, ACC. ASME B16.20	2	buc.	x
40	150	SPIRAL WOUNDED GASKET WITH CENTERING RING, PRESSURE CLASS 150#, R.F._ASME B16.5, MATERIAL GRAPHITE AND STAINLESS STEEL, ACC. ASME B16.20	2	buc.	x
41	25	SPIRAL WOUNDED GASKET, TYPE C/O, IBC-SR EN 1514-2, PN 25, B1-SR EN 1092-1, MATERIAL GRAPHITE AND STAINLESS STEEL	4	buc.	x
42	250	SPIRAL WOUNDED GASKET WITH CENTERING RING, PRESSURE CLASS 150#, R.F._ASME B16.5, MATERIAL GRAPHITE AND STAINLESS STEEL, ACC. ASME B16.20	2	buc.	x
43	400	SPIRAL WOUNDED GASKET, TYPE C/O, IBC-SR EN 1514-2, PN 25, B1-SR EN 1092-1, MATERIAL GRAPHITE AND STAINLESS STEEL	1	buc.	x
44	500	SPIRAL WOUNDED GASKET, TYPE C/O, IBC-SR EN 1514-2, PN 25, B1-SR EN 1092-1, MATERIAL GRAPHITE AND STAINLESS STEEL	2	buc.	x
45	200x25	WELDOLET CALSS 3000#, DIMENSIONS TO MSS SP97, MATERIAL P280 GH, SR EN 10222-2, CERTIFICATE OF INSPECTION 3.1-SR EN 10204	2	buc.	x
46	300	Suport fixare teavati p G19 , diam. 300 mm	4	buc.	x
47	300	Suport teava, diam . 300 mm	1	buc.	x
48	300	Suport tip SF 1, diam. 300 mm	1	buc.	x
49	200	Suport suspendat S8, diam. 200 mm	2	buc.	x
50	200	Suport conducta , diam. 200 mm	1	buc.	x
51	200	Suport cot tip RCAN 6, 200 mm	1	buc.	x
52	150	Suport suspendat S8, diam. 150 mm	2	buc.	x
53	150	Suport teava, diam. 150 mm	1	buc.	x
54	500	Suport DN 500	5	buc.	x
55	400	Suport DN 400	4	buc.	x
56		Cadru metalic sustinere conducte tip MC1	2	buc.	x

57		Cadru metalic sustinere conducte tip CM 2	1	buc.	x
58		Cadru metalic sustinere conducte tip CM3	1	buc.	x
59	100	Suport SB1	20	buc.	x
60	125	Suport SB1	32	buc.	x
61	150	Suport SB1	1	buc.	x
62	200	Suport SB1	1	buc.	x
63	300	Suport SB1	1	buc.	x
64	400	Suport SB1	4	buc.	x
		<b>TOTAL GENERAL</b>			
		<b>NOTE: -All semi-products (pipes, elbows, couplings, flanges, etc.) of P 265 GH, re according to EN 10216-2 and each semi-products will be delivered with inspection 265 GH, respectiv P 280 GH, vor avea garantata valoarea limitei de curgere de 151 livrat cu certificat de inspectie 3.1, conform SR EN 10204.</b> <b>- The spring supports will be delivered with the Lisega installation parts, according conform plansa 1043-PP-DWG-010.</b>			
		<b>OBSERVATII</b>			
		Preturile sunt in Ron si nu vor include TVA.			
		Toate calculele se vor realiza cu doua zecimale .			
		Se vor completa obligatoriu toate celulele marcate cu "X".			

[illegible]

[illegible]

X	X	X	X	X	
X	X	X	X	X	
X	X	X	X	X	
X	X	X	X	X	
X	X	X	X	X	
X	X	X	X	X	
X	X	X	X	X	
X	X	X	X	X	
X	X	X	X	X	
X	X	X	X	X	
X	X	X	X	X	
X	X	X	X	X	Vezi folderul „ Conducte descarcare supape de presiun, rev. 1", suport tip G19
X	X	X	X	X	Vezi folderul „ Conducte descarcare supape de presiun, rev. 1", desen 1058-PP-DWG-003
X	X	X	X	X	Vezi folderul „ Conducte descarcare supape de presiun, rev. 1", desen 1058-PP-DWG-007
X	X	X	X	X	Vezi folderul „ Conducte descarcare supape de presiun, rev. 1", suport suspendat S8, desen 65/268-1
X	X	X	X	X	Vezi folderul „ Conducte descarcare supape de presiun, rev. 1", desen 1058-PP-DWG-003
X	X	X	X	X	Vezi folderul „ Conducte descarcare supape de presiun, rev. 1", suport de cot RCAN 6, desen 132
X	X	X	X	X	Vezi folderul „ Conducte descarcare supape de presiun, rev. 1", suport suspendat S8, desen 65/268-1
X	X	X	X	X	Vezi folderul „ Conducte descarcare supape de presiun, rev. 1", desen 1058-PP-DWG-003
X	X	X	X	X	Vezi folderul „ Conducte descarcare supape de presiun, rev. 1" , 1058-PP-DWG-001-A0
X	X	X	X	X	Vezi folderul „ Conducte descarcare supape de presiune, rev.1" , 1058-PP-DWG-002-A1
X	X	X	X	X	Vezi folderul „ Conducte descarcare supape de presiune, rev. 1" , 1058-PP-DWG-004-A2











