

ANEXA-2

BUGET LABORATOR IHTIOLOGIE, GENETICA, ECOTOXICOLOGIE SI ACVACULTURA

BUGET TOTAL

Nr. crt.	Cod	Echipamente/Materiale/Acvarii	Qty	PU, EUR fara TVA	TOTAL, EUR fara TVA
I.	I-G-SA	GEAMURI/SILICON ACVARII	1	34,950.71	34,950.71
II.	II-M	MATERIALE	1	23,636.40	23,636.40
III.	III-E	ECHIPAMENTE	1	251,488.81	251,488.81
IV.	IV-SI	SISTEME DE ILUMINARE	1	53,590.70	53,590.70
V.	V-SMPFA	SISTEME MONITORIZARE PARAMETRI FIZICI AI APEI DIN SISTEME	1	255,160.00	255,160.00
VI.	VI-SMPCA	SISTEME MONITORIZARE PARAMETRI CHIMICI AI APEI DIN SISTEME	1	37,903.00	37,903.00
TOTAL GENERAL FARA TVA					656,729.62
TVA					124,778.63
TOTAL GENERAL TVA INCLUS					781,508.25

BUGET DETALIIAT

I.	I-G-SA	Geamuri/silicon acvarii
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Nr. crt.	Cod produs	Geamuri/silicon acvarii	Qty	PU, EUR fara TVA	TOTAL, EUR fara TVA
1	G-SA-1	Geam/silicon-Sisteme S7+S8	1	6,174.54	6,174.54
2	G-SA-2	Geam/silicon-Sistem S9	1	5,601.09	5,601.09
3	G-SA-3	Geam/silicon-Sistem S10	1	5,131.19	5,131.19
4	G-SA-4	Geam/silicon-Sistem S11	1	5,031.37	5,031.37
5	G-SA-5	Geam/silicon-Sistem S12	1	3,866.70	3,866.70
6	G-SA-6	Geam/silicon-Sistem S13	1	1,776.84	1,776.84
7	G-SA-7	Geam/silicon-Sistem S14	1	1,956.85	1,956.85
8	G-SA-8	Geam/silicon-Sistem S17	1	1,889.63	1,889.63
9	G-SA-9	Geam/silicon-Sistem S18	1	1,889.63	1,889.63
10	G-SA-10	Rest geamuri SUMP-uri	1	1,632.87	1,632.87
TOTAL GEAMURI/SILICON ACVARII					34,950.71

II.	II-M	Materiale
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Nr. crt.	Materiale	Qty	PU, EUR fara TVA	TOTAL, EUR fara TVA	
1	M-1	Fittinguri PVC, PE, PPR	1	11,285.71	11,285.71
2	M-2	Robineti aer, pietre difuzoare aer, furtun	1	8,850.26	8,850.26
3	M-3	Materiale si echipamente electrice	1	3,500.43	3,500.43
TOTAL MATERIALE				23,636.40	

III.	III-E	Echipamente			
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Nr. crt.	Cod produs	Echipamente	Qty	PU, EUR fara TVA	TOTAL, EUR fara TVA
1	100.833	DC Runner 3.3 230 V/50 Hz - 24 V	4	162.00	648.00
2	100.853	DC Runner 5.3 230 V/50 Hz - 24 V	4	207.90	831.60
3	100.893	DC Runner 9.3 230 V/50 Hz - 24 V	4	237.00	948.00
4	100.522	AC Runner 12.2 NEW	4	204.60	818.40
5	103.203	SmartDrift 3.1 110 V-240 V/50-60 Hz - 24 V	20	142.50	2,850.00
6	103.207	SmartDrift 7.1 110 V-240 V/50-60 Hz - 24 V	20	163.40	3,268.00
7	103.211	SmartDrift 11.1 110 V-240 V/50-60 Hz - 24 V	20	189.40	3,788.00
8	103.815	EcoDrift 15.3 230 V/50 Hz - 24 V	10	181.00	1,810.00
9	103.820	EcoDrift 20.3 230 V/50 Hz - 24 V	10	225.80	2,258.00
10	SB586	Top Grade Japanese Mat 1200x1000x38 mm	20	103.80	2,076.00
11	SB570	Filter Tray 680x400x12 mm	30	22.70	681.00
12	DD-SK-5000G3	Clarisea SK-5000 Auto Fleece Filter Gen 3	18	503.40	9,061.20
13	DD-SK-5000XL	ClariSea SK-5000 Fine Fleece (40m) for SK-5000/SK15	18	25.50	459.00
14	DD-SK-ARM5000	Clarisea Fleece Extension Arm for SK-5000 Gen3	18	37.70	678.60
15	100.853	DC Runner 5.3 230 V/50 Hz - 24 V	18	207.90	3,742.20
16	TKF-150-70	Trickling filter TKF150-70	2	791.76	1,583.53
17	TKF-300-50	Trickling filter TKF300-50	12	1,935.92	23,230.99
18	TKF-300-100	Trickling filter TKF300-100	6	2,255.46	13,532.77
19	TKF-300-150	Trickling filter TKF300-150	4	2,576.47	10,305.88
20	100.893	DC Runner 9.3 230 V/50 Hz - 24 V	22	237.00	5,214.00
21	AK-70-70	Activated carbon filter AK 70-70	2	338.81	677.61
22	AK-100-70	Activated carbon filter AK 100-70	12	567.01	6,804.10
23	AK-150-50	Activated carbon filter AK 150-50	6	629.76	3,778.59
24	AK-150-70	Activated carbon filter AK 150-70	4	729.09	2,916.37
25	100.893	DC Runner 9.3 230 V/50 Hz - 24 V	22	237.00	5,214.00
26	POC-70-70	Biopellet filter POC70-70	2	503.65	1,007.29
27	POC-100-70	Biopellet filter POC100-70	12	707.13	8,485.51
28	POC-150-50	Biopellet filter POC150-50	6	1,012.20	6,073.21
29	POC-150-70	Biopellet filter POC150-70	4	1,282.50	5,130.02
30	100.893	DC Runner 9.3 230 V/50 Hz - 24 V	22	237.00	5,214.00
31	573-250	Activated Carbon in pellet shape 50 litres	4	395.45	1,581.78
32	Glo-Poc-010	POC+Globuli to reduce N + P, biopellets-1000 ml	20	75.58	1,511.60
33	80711	Helix Max 2.0 11 W	2	98.00	196.00
34	80755	Helix Max 2.0 - 55 W	22	212.00	4,664.00
35	100.893	DC Runner 9.3 230 V/50 Hz - 24 V	22	237.00	5,214.00
36	80811-8	Spare bulb UVC-Max Helix Max/Helix Max 2.0, 11 W	2	19.60	39.20
37	80855-8	Spare bulb UVC-Max Helix Max/Helix Max 2.0, 55 W	22	45.00	990.00
38	204.400	ozone 400	18	150.00	2,700.00
39	202.905	Ozonizer S 500	4	1,370.00	5,480.00
40	65027	Ozone Booster	22	82.80	1,821.60
41	12730	Silicagel 600 g/app. 1000 ml	22	13.10	288.20
42	OZR-050-70	Ozone reactor OZR50-70	2	261.09	522.18
43	OZR-70-70	Ozone reactor OZR100-70	18	403.18	7,257.18
44	OZR-100-70	Ozone reactor OZR150-70	4	547.14	2,188.57
45	SK979 - 83/830	Air flowmeter 50-500 L/h	22	36.30	798.60
46	SK981 - 83/830	Ozoflex hose 4-6 mm 3 meter	20	12.60	252.00
47	SK982 - 83/830	Ozoflex hose 6-8 mm 1 meter	20	21.50	430.00
48	101.201	Mistral II 2000	22	125.00	2,750.00
49	100.893	DC Runner 9.3 230 V/50 Hz - 24 V	22	237.00	5,214.00
50	105.220	Titan 2200	18	1,426.00	25,668.00
51	100.893	DC Runner 9.3 230 V/50 Hz - 24 V	22	237.00	5,214.00
52	110.050	Titanium Heater 500 W	22	55.80	1,227.60
53	SC389	Hiblow airpump HP-100	18	1,080.00	19,440.00
54	SC390	Hiblow airpump HP-120	1	1,228.00	1,228.00
55	SC423	Hiblow membraneset HP-100/120 SC389/390	19	166.30	3,159.70
56	SC428	Hiblow set cas.blck HP-100/120SC389/390*	19	120.00	2,280.00
57	SC431	SP switch Hiblow HP-100/120	19	44.00	836.00

Nr. crt.	Cod produs	Echipamente	Qty	PU, EUR fara TVA	TOTAL, EUR fara TVA
58	SC397	Safety pin for Highblow HP-serie	19	6.54	124.26
59	104.201	reefdoser EVO 1	10	71.00	710.00
60	104.203	reefdoser EVO 3	5	119.00	595.00
61	104.205	reefdoser EVO 5	5	151.00	755.00
62	U600.71	Merlin plus (PRF-RO)	1	938.00	938.00
63	U600.70-2	Carbon postfilter Merlin II/plus (PRF-RO)	4	27.70	110.80
64	U600.70-3	Combined filter Merlin II/plus (PRF-RO)	4	53.30	213.20
65	U605.75	Membrane Merlin II/plus (PRF-RO)	2	195.20	390.40
66	U800.65	platinum line plus - 24 V	2	380.00	760.00
67	U711.100	Membrane 400/100 GPD	2	35.20	70.40
68	U711.150	Membrane 600/150 GPD	2	46.40	92.80
69	U606.10	Combined filter cartridge carb./sed.	4	7.60	30.40
70	U606.15	Activated carbon filter cartridge	4	10.60	42.40
71	U606.17	Sediment filter 5 µm	4	7.60	30.40
72	LF20	Conductivity monitor for ultrapure water with fitting	4	204.84	819.36
73	MV13	Solenoid brass DN13 - NC	4	274.79	1,099.16
74	DFMZ	Flow measuring cell for 4 electrodes	22	226.37	4,980.13
75	418.20	Outlet strainer 20 mm, length app. 160 mm	50	6.70	335.00
76	418.21	Outlet strainer 20 mm, length app. 82 mm	50	3.40	170.00
77	418.25	Outlet strainer 25 mm, length app. 160 mm	50	7.70	385.00
78	418.32	Outlet strainer 32 mm, length app. 200 mm	50	8.40	420.00
79	418.40	Outlet strainer 40 mm, length app. 200 mm	50	10.20	510.00
80	418.50	Outlet strainer 50 mm, length app. 240 mm	50	10.90	545.00
81	418.63	Outlet strainer 63 mm, length app. 240 mm	50	12.00	600.00
82	415.80	aqua grid	20	4.70	94.00
83	418.05	Overflow comb with holder 50 cm	50	12.60	630.00
TOTAL ECHIPAMENTE					251,488.81

IV.	IV-SI	Sisteme de iluminare
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Nr. crt.	Cod produs	Echipamente	Qty	PU, EUR fara TVA	TOTAL, EUR fara TVA
A. Pentru sistemele S7, S8, S9, S10, S11, S12, S19					
1	89812	Lampa Smart LED WIFI Aquarius Plant Plus 60	6	340.00	2,040.00
2	89813	Lampa Smart LED WIFI Aquarius Plant Plus 90	28	464.00	12,992.00
3	89814	Lampa Smart LED WIFI Aquarius Plant Plus 120	4	574.00	2,296.00
4	89711	Lampa Smart LED WIFI Aquarius Plus 30	4	236.00	944.00
5	89712	Lampa Smart LED WIFI Aquarius Plus 60	8	340.00	2,720.00
6	89713	Lampa Smart LED WIFI Aquarius Plus 90	6	464.00	2,784.00
7	89714	Lampa Smart LED WIFI Aquarius Plus 120	2	574.00	1,148.00
8	80401	Sistem suspendare Aquafit 2	58	29.00	1,682.00
TOTAL A					24,924.00

Nr. crt.	Cod produs	Echipeamente	Qty	PU, EUR fara TVA	TOTAL, EUR fara TVA
B. Pentru sistemele S00, S1,S2,S3,S4,S5,S6,S13,S14,S15,S16,S17,S18					
1	HVP_GL438	GoldLINE 438MM Plug & Play aquarium LED	15	209.9	3,148.50
2	HVP_GL850	GoldLINE 850MM Plug & Play aquarium LED	5	309.9	1,549.50
3	HVP_GL895	GoldLINE 895MM Plug & Play aquarium LED	3	319.9	959.70
4	HVP_GL1047	GoldLINE 1047MM Plug & Play aquarium LED	2	349.9	699.80
5	HVP_GL1200	GoldLINE 1200MM Plug & Play aquarium LED	3	369.9	1,109.70
6	HVP_GL1450	GoldLINE 1450MM Plug & Play aquarium LED	28	419.9	11,757.20
7	HVP_SP438	RetroLINE 438MM Starter Pack aquarium LED	3	123.9	371.70
8	HVP_SP850	RetroLINE 850MM Starter Pack aquarium LED	1	147.9	147.90
9	HVP_SP895	RetroLINE 895MM Starter Pack aquarium LED	1	149.9	149.90
10	HVP_SP1047	RetroLINE 1047MM Starter Pack aquarium LED	2	157.9	315.80
11	HVP_SP1200	RetroLINE 1200MM Starter Pack aquarium LED	2	169.9	339.80
12	HVP_SP1450	RetroLINE 1450MM Starter Pack aquarium LED	6	179.9	1,079.40
13	HVP-8CHWIFI	8 Channel LED controller WIFI IOS Android	22	319.9	7,037.80
14	HVP-EXT	Extension cable regular (2 m)	30	15.9	477.00
TOTAL B					28,666.70

TOTAL SISTEME DE ILUMINARE 53,590.70

V. V-SMPFA Sisteme monitorizare parametri fizici ai apei din sisteme

Nr. crt.	Cod produs	Echipeamente	Qty	PU, EUR fara TVA	TOTAL, EUR fara TVA
1	SMPFA-S00	Sistem monitorizare parametri fizici apa - S00	1	16,660.00	16,660.00
2	SMPFA-S1-S2	Sistem monitorizare parametri fizici apa - S1-S2	1	19,120.00	19,120.00
3	SMPFA-S3-S4	Sistem monitorizare parametri fizici apa - S3-S4	1	19,120.00	19,120.00
4	SMPFA-S5-S6	Sistem monitorizare parametri fizici apa - S5-S6	1	19,120.00	19,120.00
5	SMPFA-S7-S8	Sistem monitorizare parametri fizici apa - S7-S8	1	23,880.00	23,880.00
6	SMPFA-S9	Sistem monitorizare parametri fizici apa - S9	1	13,212.00	13,212.00
7	SMPFA-S10	Sistem monitorizare parametri fizici apa - S10	1	17,880.00	17,880.00
8	SMPFA-S11	Sistem monitorizare parametri fizici apa - S11	1	17,880.00	17,880.00
9	SMPFA-S12	Sistem monitorizare parametri fizici apa - S12	1	19,378.00	19,378.00
10	SMPFA-S13-14	Sistem monitorizare parametri fizici apa - S13-S14	1	19,120.00	19,120.00
11	SMPFA-S15-16	Sistem monitorizare parametri fizici apa - S15-S16	1	19,120.00	19,120.00
12	SMPFA-S17-18	Sistem monitorizare parametri fizici apa - S17-S18	1	19,120.00	19,120.00
13	SMPFA-S19	Sistem monitorizare parametri fizici apa - S19	1	28,176.00	28,176.00
14	SMPFA-AUX	Echipeamente auxiliare, cabluri, consumabile	1	3,374.00	3,374.00
TOTAL GENERAL					255,160.00

VI. VI-SMPCA Sisteme monitorizare parametri chimici ai apei din sisteme

1	SMPCA-FS	Tecan Genios Microplates Fluorescence Spectrophotometer Pentru teste de citotoxicitate (medicamente, pesticide) si inclusiv pentru Biolog Ecoplates.	1	15,000.00	15,000.00
2	SMPCA-FS-AUX1	Set de 10 placi Biolog	20	150.00	3,000.00
3	SMPCA-FS-AUX2	5 grame de saruri de tetrazoliu, reactiv	5	450.00	2,250.00
4	SMPCA-SL	DR3900-Hach Lange -Spectrofotometru de laborator destinat analizelor probelor de apă	1	5,500.00	5,500.00
5	SMPCA-SL-AUX	Kituri Test Cuveta pentru parametrii de baza pentru DR3900	100	121.53	12,153.00
TOTAL GENERAL					37,903.00