

Appendix 1 Lighting & Rigging Specification ESC 2017 ver 2017-03-04

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General	
1.1	All followspots with new bulb and matching colour temperature
1.2	Please hold sufficient spare bulbs for each type of luminaire what is used. In case of fails below the average illuminance and color temperature, the bulb must be replaced after the announcement of LD.
1.3	Spot instruments may have up to 2 gobos changed - specified by designer later, supplied by rental company.
1.4	All cables should be black
1.5	All truss to be black if nothing else is told
1.5	All lamps provided with complete accessories, safety's, suspensions, possibly color frame, gobo holder, barn doors, etc.
1.6	All movinglights for each type need to have identical software, gobo and color filter assembly
1.7	Spare units not included in the ordered number, please plan sufficient units per type.

Followspots, Smoke, Special lamps		Equipment from 27/3 - 19/5		Pricing		Notes		Alternative	
#		#							
2.1	PRG GroundControl Follow LongThrow or Litecom Followspot Control Unit with equivalent Movinglight	4	9.000,00 €	36.000,00 €	1.026.000,00 UAH				
2.2	PRG GroundControl Follow Baddy or Litecom Followspot Control Unit with equivalent Movinglight	14	5.400,00 €	75.600,00 €	2.154.600,00 UAH	4 Systems will be switched on 2 control-systems, so 2 operators for 4 systems			
2.3	MDG Atmosphere ATMe with DMX control	6	750,00 €	4.500,00 €	128.250,00 UAH				
2.4	Martin AF-2 Fans with DMX control	6	120,00 €	720,00 €	20.520,00 UAH				
2.5	Smoke Machine Smoke Factory Captain D with DMX Control	4	80,00 €	320,00 €	9.120,00 UAH				
2.6	Martin AF-1 Fans with DMX control	4	75,00 €	300,00 €	8.550,00 UAH				
2.7	Smoke fluid for 4 weeks of use	1	4.000,00 €	4.000,00 €	114.000,00 UAH				
2.8	Gas tubes for 4 weeks of use	1	3.750,00 €	3.750,00 €	106.875,00 UAH				
2.9	LED-lamp to be mounted on camera cranes, Lite Panel Ringlite daylight dmx controlled	6	400,00 €	2.400,00 €	68.400,00 UAH				
2.10	LED-lamp to be mounted on steadycam/cameras, Lite Panel Miniplus daylight with lightweight wireless DMX control and power from camera battery	8	575,00 €	4.600,00 €	131.100,00 UAH				
2.11	ARRI Broadcast 2 Plus 35 W LED Panel with DMX-Control, incl. PSU + Barndoor	12	280,00 €	3.360,00 €	95.760,00 UAH				
2.12	ETC S4 CE LED Series 2 Daylight HD Zoom 15°-30°	78	340,00 €	26.520,00 €	755.820,00 UAH	Incl. Soft Focus Diffuser and iris		ETC S4 CE LED Series 2 Lustr Zoom 15°-30°	
2.13	Fresnel Spotlight 500W/650W	48	40,00 €	1.920,00 €	54.720,00 UAH				
2.14	Fresnel Spotlight 1000W pole operated	20	50,00 €	1.000,00 €	28.500,00 UAH				

Lamps		Equipment from 27/3 - 19/5		Pricing		Notes		Alternative	
#		#							
3.1	Movinghead Profile PRG Best Boy (ClayPaky-Scenius-Profile)	70	1.290,00 €	90.300,00 €	2.573.550,00 UAH				Robe BMFL Blade, PRG BestBoy
3.2	Movinghead ClayPaky Scenius Unico	154	1.290,00 €	198.660,00 €	5.661.810,00 UAH				no alternative
3.3	Movinghead Wash Robe PRG Best Boy Wash (BMFL Wash XF)	115	875,00 €	100.625,00 €	2.867.812,00 UAH				CP Scenius Unico, HES SolarWash Pro2000
3.4	Movinghead Wash Martin MAC2000XB	52	705,00 €	36.660,00 €	1.044.810,00 UAH				CP AlphaWash1500, Robe BMFL Wash, VL3500 Wash
3.5	Movinghead Beam Clay Paky Sharpy (Robe Pointe)	132	400,00 €	52.800,00 €	1.504.800,00 UAH				CP Sharpy, PRG IconBeam

3.6	130	Movinghead Beam Icon Edge (GLP G11)	585,00 €	76.050,00 €	2.167.425,00 UAH	PRG: replaced by PRG Edge	CP Mythos II, PRG Edge
3.7	70	Elation Sponsorship - Handling fee per Unit (former X4L)	100,00 €	7.000,00 €	199.500,00 UAH		CP B-Eye K20, Robe Robin 800
3.8	140	Elation Sponsorship - Handling fee per Unit (former B-EYE)	100,00 €	14.000,00 €	399.000,00 UAH	PRG: replaced by CP B-EYE K20	CP B-Eye K20, GLP X4L
3.9	64	LED Movinghead Ayrton Magic Panel FX (Preamp Panel Twh)	1.250,00 €	80.000,00 €	2.280.000,00 UAH		Robe Square
3.10	36	LED Movinghead Ayrton Magicpanel FX	1.250,00 €	45.000,00 €	1.282.500,00 UAH		CP Stormy CC, Robe Color Strobe, Etrigeiz Supernova RGBW
3.11	60	LED Strobe SGM Q7 RGB	295,00 €	17.700,00 €	504.450,00 UAH		CP Stormy, Robe Strobe, Etrigeiz Supernova White
3.12	36	LED Strobe SGM Q7 W	295,00 €	10.620,00 €	302.670,00 UAH		no alternative
3.13	36	LED Wash SGM P2	200,00 €	7.200,00 €	205.200,00 UAH		no alternative
3.14	350	Elation Sponsorship - Handling fee per Unit (former P5)	100,00 €	35.000,00 €	997.500,00 UAH		Expoite P4
3.15	76	Elation Sponsorship - Handling fee per Unit (former Sixpack)	100,00 €	7.600,00 €	216.600,00 UAH		no alternative
3.16	20	LED Striplite GLP X4 Bar 20	375,00 €	7.500,00 €	213.750,00 UAH		no alternative
3.17	24	LED Par Expoite Tour LED CM42	40,00 €	960,00 €	27.360,00 UAH	Internal color mixing	
3.18	37	Movinghead Beam BMFL Wash Beam (Var+Lite VL6000)	890,00 €	32.930,00 €	938.505,00 UAH	PRG: replaced by BMFL Wash Beam	Searchlight Syncrolite Syncrolite Beam

PDU/Dimmer		#	Equipment from 27/3 - 19/5			Pricing	
4.1	1	complete powerdistros, dimmer and cablesystem to hookup all lamps	54.500,00 €	54.500,00 €	1.553.250,00 UAH		
4.2	1	Feed cable lines for each dimmer 10m long	7.500,00 €	7.500,00 €	213.750,00 UAH		
4.3	1	complete protective earth system for all trusses with lighting, incl: cabletrusses and mothergrid	4.000,00 €	4.000,00 €	114.000,00 UAH		Harding
4.4	1	certificated electrical measuring and approval of the lighting system incl: protocol by an authorized person	3.750,00 €	3.750,00 €	106.875,00 UAH		

Signal Distribution		#	Equipment from 27/3 - 19/5			Pricing	
5.1	1	complete Fiberopic Gigabit network between FOH and Dimmer positions, redundant system as ring or star-topology, incl: UPS, FullBackup as separate system from other departments incl: different Vans min. 5 e.g. FireFly, Lumindex	12.500,00 €	12.500,00 €	356.250,00 UAH		
5.2	1	DMX-Splitter to distribute DMX-signals, amount calculated by supplier incl: 3xspare/backup per position	7.200,00 €	7.200,00 €	205.200,00 UAH		
5.3	1	MA NPU System, for calculation and DMX-Output, numbers calculated by supplier incl: 1xbackup per position DMX-Output must be MA Equipment, no ArtNet newest hardware and memory release	18.100,00 €	18.100,00 €	515.850,00 UAH		
5.4	1	MA 4/8port Node System, for DMX-Output, numbers calculated by supplier incl: 1xbackup per position DMX-Output must be MA Equipment, no ArtNet newest hardware and memory release	9.600,00 €	9.600,00 €	273.600,00 UAH		
5.5	1	UPS Power Units for DMX-Splitter, MA-NPU's + MA-Nodes	2.000,00 €	2.000,00 €	57.000,00 UAH		
5.6	2	MA GMA2 Light, as system desk for service and testing newest hardware and memory release	2.400,00 €	4.800,00 €	136.800,00 UAH		
5.7	1	complete Data + DMX cablesystem to hookup all lamps on MA-System	9.000,00 €	9.000,00 €	256.500,00 UAH		

FOH		#	Equipment from 10/4 - 14/5			Pricing	
6.1	8	MA GMA2 FullSize (5x active, 5x spare) newest hardware and memory release	3.300,00 €	26.400,00 €	752.400,00 UAH		
	2	MA GMA2 Light, as system desk for service and testing newest hardware and memory release	2.400,00 €	4.800,00 €	136.800,00 UAH		
6.2	16	TFT Screen 23"/24" for MA2 desk	60,00 €	960,00 €	27.360,00 UAH		
6.3	4	MA GMA2 Fader Wing, low body housing version incl: Long cable 2x 5m 2x 10m	500,00 €	2.000,00 €	57.000,00 UAH		
6.4	3	MA 3D computer incl: 21"-23" screen special configuration "Lighting Tools GmbH" to inquire at Lighting Tools GmbH, info@lighting-tools.de	2.000,00 €	6.000,00 €	171.000,00 UAH		
6.5	3	LCD Screen 42"/46" for MA 3D System	300,00 €	900,00 €	25.650,00 UAH		
6.4	1	Complete Gigabit Local network, connected to local network	800,00 €	800,00 €	22.800,00 UAH		
6.5	1	Complete Gigabit MA-net network, connected to fiber-network	800,00 €	800,00 €	22.800,00 UAH		
6.6	1	Complete Gigabit Artnet network, connected to fiber-network	800,00 €	800,00 €	22.800,00 UAH		
6.7	1	Complete Gigabit Video network, connected to fiber-network	800,00 €	800,00 €	22.800,00 UAH		
6.8	1	UPS Power Units for network units above	400,00 €	400,00 €	11.400,00 UAH		

6.8	6	StageDeck FOH-table 2.0 x 1.0m, with cutout for GMA2 Fullsize top covered with black carpet Incl. legs with 60-80cm height	300,00 €	1.800,00 €	51.300,00 UAH
6.9	12	StageDeck FOH-table 2.0 x 1.0m top covered with black carpet Incl. legs with 60-80cm height	25,00 €	300,00 €	8.550,00 UAH
6.10	12	StageDeck FOH-table 2.0 x 0.5m top covered with black carpet Incl. legs with 60-120cm height	15,00 €	180,00 €	5.130,00 UAH
6.11	10	professional comfortable office chair, adjustable in height	50,00 €	500,00 €	14.250,00 UAH
6.12	10	Desk Lamp (worklight)	10,00 €	100,00 €	2.850,00 UAH
6.13	1	Music Playback Computer (for programming) inkl. Software, Keyboard, Mouse, Screen	1.300,00 €	1.300,00 €	37.050,00 UAH
6.14	1	Assorted cable to hookup above equipment	400,00 €	400,00 €	11.400,00 UAH
6.15	1	MA 3D operator, 2 weeks, 10.04.-23.04.2017 to inquire at Lighting Tools GmbH, info@lighting-tools.de	7.700,00 €	7.700,00 €	EXCLUDED To be supplied by MA Lighting

Preprogramming

	#	Equipment from 13/3 - 31/3 - in Hamburg Germany			Pricing
7.1	5	MA GMA2 Fullsize (4x active, 1x spare) newest hardware and memory release	1.300,00 €	6.500,00 €	185.250,00 UAH
7.2	10	TFT Screen 23" / 24" for MA2 desk	30,00 €	300,00 €	8.550,00 UAH
7.3	2	MA GMA2 Fader Wing, low body housing version Incl. Long cable 1x 5m 1x 10m	200,00 €	400,00 €	11.400,00 UAH
7.4	3	MA 3D computer incl. 21"-23" screen special configuration "Lighting Tools GmbH" to inquire at Lighting Tools GmbH, info@lighting-tools.de	1.300,00 €	3.900,00 €	111.150,00 UAH
7.5	3	LCD Screen 60" / 65" for MA 3D System	300,00 €	900,00 €	25.650,00 UAH
7.6	1	Complete Gigabit Local network, connected to local network	120,00 €	120,00 €	3.420,00 UAH
7.7	1	Complete Gigabit MA-net network, connected to fiber-network	120,00 €	120,00 €	3.420,00 UAH
7.8	1	Complete Gigabit Arhet network, connected to fiber-network	120,00 €	120,00 €	3.420,00 UAH
7.9	1	Complete Gigabit Video network, connected to fiber-network	120,00 €	120,00 €	3.420,00 UAH
7.10	8	MA NPU System, for calculation and DMX-Output, incl. 1xspare newest hardware and memory release	350,00 €	2.800,00 €	79.800,00 UAH
7.11	1	UPS Power Units for network + MA units above	280,00 €	280,00 €	7.980,00 UAH
7.12	5	StageDeck FOH-table 2.0 x 1.0m, with cutout for GMA2 Fullsize top covered with black carpet	80,00 €	400,00 €	11.400,00 UAH
7.13	3	StageDeck FOH-table 2.0 x 1.0m top covered with black carpet Incl. legs with 60-80cm height	15,00 €	45,00 €	1.282,50 UAH
7.14	6	StageDeck FOH-table 2.0 x 0.5m top covered with black carpet Incl. legs with 60-80cm height	15,00 €	90,00 €	2.565,00 UAH
7.15	8	professional comfortable office chair, adjustable in height	30,00 €	240,00 €	6.840,00 UAH
7.16	8	Desk Lamp (worklight)	5,00 €	40,00 €	1.140,00 UAH
7.17	1	preprogramming sound system, Incl. 12ch. Mixer, 6 control room monitors, DI-Boxes, Splitters, cables to inquire at Lighting Tools GmbH, info@lighting-tools.de	1.000,00 €	1.000,00 €	28.500,00 UAH
7.18	1	timecode distribution system timecode splitters, cables, switch to inquire at Lighting Tools GmbH, info@lighting-tools.de	310,00 €	310,00 €	8.835,00 UAH
7.19	1	Music Playback Computer (for programming) inkl. Software, Keyboard, Mouse, Screen to inquire at Lighting Tools GmbH, info@lighting-tools.de	760,00 €	760,00 €	21.660,00 UAH
7.20	1	to inquire at Lighting Tools GmbH, info@lighting-tools.de cable, data and power system to hookup above equipment	625,00 €	625,00 €	17.812,50 UAH
7.21	1	one of each lamp specified in #3	9.500,00 €	9.500,00 €	270.750,00 UAH
7.22	1	System-/Network-tech, 5 days, 13.03.-17.03.2017 should be one of the systemtechs from the main-production	1.800,00 €	1.800,00 €	51.300,00 UAH
7.23	1	setup of MA3D model for preprogramming from 3d CAD-drawings, aprx. 6 days work to inquire at Lighting Tools GmbH, info@lighting-tools.de	exclude	exclude	EXCLUDED To be supplied by MA Lighting
7.24	1	MA 3D operator, 3 weeks, 13.03.-31.03.2017 (1 weekend off) to inquire at Lighting Tools GmbH, info@lighting-tools.de	exclude	exclude	EXCLUDED To be supplied by MA Lighting

3
2

Crew + Costs	#	Crew/Costs			Pricing
8.1	1	Projectteam with key persons for the project as Project Manager, Lighting Crew Chief Day and Night, Logistic Manager, System Tech Day and Night	124.070,00 €	124.070,00 €	3.535.995,00 UAH
8.2	1	Lighting Crew for setup, standby and dismantling of complete lighting system from Germany, from JALD Followspot Team, contact and names will be supplied	159.990,00 €	159.990,00 €	4.559.715,00 UAH
	6	time 13/4 - 13/5	5.880,00 €	35.280,00 €	1.005.480,00 UAH
8.3	10	Followspot Operators for GroundControl System local crew good skilled, english spoken	3.250,00 €	32.500,00 €	926.250,00 UAH
	1	complete planting activity to fulfill the project time 13/4 - 13/5	32.000,00 €	32.000,00 €	912.000,00 UAH
8.4	1	transport of all equipment to and back from Kiev	50,00 €	3.000,00 €	85.500,00 UAH
8.5	60	rolls of correction, color and frost gels, JALD color list	18,00 €	108,00 €	3.078,00 UAH
8.6	6	set of spare bulbs for all lamps	-	-	0,00 UAH
8.7	1	complete set of all required consumables like tape, cable-ties	1.680,00 €	1.680,00 €	47.880,00 UAH
8.8	1				
8.9	1				

Included in separate transportation quote

Total Price Lighting 1.594.483,00 € 45.223.315,00 UAH

Rigging Specification ESC 2017 ver 2017-03-04

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- 2 PreRigg + cabletrusses overall
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- 7 rigging for set + video
- 8 crew + costs + special gear

general	
1.1	All cables should be black
1.2	All truss to be black if nothing else is told
1.3	All trusses provided with complete accessories, safety's, clamps, brackets, swifels etc.
1.4	All motors / hangingpoints provided with complete accessories, safety's, spansets, steels, shackles, clamps, cables, controllers, powerdistros etc.
1.5	All gear with needed certificates, verifications, labeling and protocols. Spare units not included in the ordered number, please plan sufficient units per type.
1.6	Rigging for Cameras ist not included will be defined at a later point.

PreRigg + cabletrusses overall		Equipment from 27/3 - 19/5		Pricing	
2.1	650	mm 4-point truss system width 30cm, e.g. Prolyte H30V	15,00 €	9.750,00 €	277.875,00 UAH
2.2	200	mm 4-point truss system width 40cm preRigg heavy, e.g. Prolyte S36V	30,00 €	6.000,00 €	171.000,00 UAH
2.3	770	mm 4-point truss system width 50cm, e.g. Prolyte S52V	40,00 €	30.800,00 €	877.800,00 UAH
2.4	400	mm 4-point truss system heavydvdy w 50cm, h 100cm e.g. Prolyte B100RV	70,00 €	28.000,00 €	798.000,00 UAH
2.5	150	riggingpoint Deadhang in roof, PreRigg, 1000/2000kg	25,00 €	3.750,00 €	106.875,00 UAH
2.6	90	riggingpoint Deadhang in roof, Mothergrid, 5000kg + 1000kg hoist D8, 24m chain, 4m/min, for lifting, dismantling of hoist after lift, installation for loadout	60,00 €	5.400,00 €	153.900,00 UAH
2.7	70	riggingpoint hoist 1000kg D8, 24m chain, 4m/min, safety after lift	325,00 €	22.750,00 €	648.375,00 UAH
2.8	300	fixpoints on top trusses on mothergrid with ratched strap + safety	20,00 €	6.000,00 €	171.000,00 UAH
2.9	50	loadcell up to 2000kg, wireless, Incl. System and software	300,00 €	15.000,00 €	427.500,00 UAH
2.10	50	loadcell up to 4500kg, wireless, Incl. System and software	360,00 €	18.000,00 €	513.000,00 UAH
2.11	1	rigging crew for setup, standby, dismantling	62.300,00 €	62.300,00 €	1.775.550,00 UAH
2.12	1	transport of all equipment to and back from Kiev			
2.13	1	complete set of all required consumables like tape, cable-ties	500,00 €	500,00 €	14.250,00 UAH

BGVC1 system lighting		Equipment from 27/3 - 19/5		Pricing	
3.1	32	riggingpoint BGVC1 hoist 500kg, 24m chain, vario speed 0-24m/min, on pr BGVC1 control system, SIL3 standard, Incl. full backup, network, fiber-OH-cable, emergency stop system (system will be splitted in 2 control systems 1 system for set + video, 1 system for lighting)	1.950,00 €	62.400,00 €	1.778.400,00 UAH
3.2	1	UPS power for all control/network parts of the systems	750,00 €	750,00 €	21.375,00 UAH
3.3	16	cable guiding on 24m chain of BGVC1 hoist, Incl. fixation of cables	150,00 €	2.400,00 €	68.400,00 UAH
3.4	2	BGVC1 operator setup and dismantling 1x dayshift 1x nightshift programming, rehearsal and showtime 12.4. - 13.5. 1x dayshift 1x nightshift	20.150,00 €	40.300,00 €	1.148.550,00 UAH
3.5	1	BGVC1 systemtechs, 1x dayshift 1x nightshift, for programming, rehearsal and showtime 12.4. - 13.5.	15.500,00 €	15.500,00 €	441.750,00 UAH

3.7	1	BGVC1 service-rigger, 1x dayshift 1x nightshift, for programming, rehearsal and showtime 12.4. - 13.5.	16,900.00 €	16,900.00 €	481,650.00 UAH
3.8	1	rigging / technical crew for setup, standby, dismantling	17,200.00 €	17,200.00 €	490,200.00 UAH
3.9	1	transport of all equipment to and back from Kiev			Included in separate transportation quote
3.10	1	complete set of all required consumables like tape, cable-ties	500.00 €	500.00 €	14,250.00 UAH

BGVC1 system set+video					
Equipment from 27/3 - 19/5					
4.1	6	riggingpoint BGVC1 hoist 1250kg, 24m chain, vario speed 0-12m/min, on p	2,650.00 €	15,900.00 €	453,150.00 UAH
4.2	70	riggingpoint BGVC1 hoist 500kg, 24m chain, vario speed 0-24m/min, on p	1,950.00 €	136,500.00 €	3,890,250.00 UAH
	1	BGVC1 control system, SIL3 standard, incl. full backup, network, fiber-FOH-cable, emergency stop system (system will be splitted in 2 control systems)	7,900.00 €	7,900.00 €	225,150.00 UAH
4.3	1	UPS power for set + video, 1 system for lighting)			
4.4	1	UPS power for all control/network parts of the systems	750.00 €	750.00 €	21,375.00 UAH
4.5	24	cable guiding on 24m chain of BGVC1 hoist, incl. fixation of cables	150.00 €	3,600.00 €	102,600.00 UAH
	2	BGVC1 operator	20,150.00 €	40,300.00 €	1,148,550.00 UAH
		setup and dismantling 1x dayshift 1x nightshift programming, rehearsal and showtime 12.4. - 13.5. 1x dayshift 1x nightshift			
4.6	1	BGVC1 systemtechs, 1x dayshift 1x nightshift, for programming, rehearsal and showtime 12.4. - 13.5.	15,500.00 €	15,500.00 €	441,750.00 UAH
4.7	1	BGVC1 service-rigger, 1x dayshift 1x nightshift, for programming, rehearsal and showtime 12.4. - 13.5.	16,900.00 €	16,900.00 €	481,650.00 UAH
4.8	1	rigging / technical crew for setup, standby, dismantling	32,000.00 €	32,000.00 €	916,000.00 UAH
4.10	1	transport of all equipment to and back from Kiev			Included in separate transportation quote
4.11	1	complete set of all required consumables like tape, cable-ties	1,200.00 €	1,200.00 €	29,850.00 UAH

rigging for lighting					
Equipment from 27/3 - 19/5					
5.1	100	mm aluminium pipe 48/50mm	5.00 €	500.00 €	14,250.00 UAH
5.2	100	mm 2-point truss system width 20cm, e.g. Prolyte H20LB	7.50 €	750.00 €	21,375.00 UAH
5.3	50	mm 3-point truss system width 30cm, e.g. Prolyte H30D	11.00 €	550.00 €	15,675.00 UAH
5.4	360	mm 4-point truss system width 30cm, e.g. Prolyte H30V	15.00 €	5,400.00 €	153,900.00 UAH
5.5	100	mm 4-point truss system width 40cm, e.g. Prolyte H40V	30.00 €	3,000.00 €	85,500.00 UAH
5.6	375	mm 4-point truss system width 50cm, e.g. Prolyte S52V	40.00 €	15,000.00 €	427,500.00 UAH
	2	circle trusspiece 4-point truss system width 40cm, e.g. Prolyte H40V outside diameter 20m, used / internal angle 60°	750.00 €	1,500.00 €	42,750.00 UAH
5.7	2	circle trusspiece 4-point truss system width 40cm, e.g. Prolyte H40V outside diameter 20m, used / internal angle 60°	450.00 €	900.00 €	25,650.00 UAH
5.8	2	circle trusspiece 4-point truss system width 40cm, e.g. Prolyte H40V outside diameter 10m, used / internal angle 135°	600.00 €	1,200.00 €	34,200.00 UAH
5.9	2	circle trusspiece 4-point truss system width 40cm, e.g. Prolyte H40V outside diameter 20m, used / internal angle 45°			
	2	circle trusspiece 4-point truss system width 40/50cm, e.g. Prolyte H40V/S52V outside diameter 60m, used / internal angle 60°	1,750.00 €	3,500.00 €	99,750.00 UAH
5.10	2	circle trusspiece 4-point truss system width 40/50cm, e.g. Prolyte H40V/S52V outside diameter 60m, used / internal angle 60°	1,750.00 €	3,500.00 €	99,750.00 UAH
5.11	2	circle trusspiece 4-point truss system width 40/50cm, e.g. Prolyte H40V/S52V can also be build of straight truss pieces with spacer in between outside diameter 90m, used / internal angle 35°	1,750.00 €	3,500.00 €	99,750.00 UAH
5.12	1	circle trusspiece 4-point truss system width 40/50cm, e.g. Prolyte H40V/S52V can also be build of straight truss pieces with spacer in between outside diameter 120m, used / internal angle 25°	3,500.00 €	3,500.00 €	99,750.00 UAH
5.13	220	riggingpoint hoist 500kg D8+, 24m chain, 4mm/min, in preliga or roof outside diameter 148m, used / internal angle 45°	300.00 €	66,000.00 €	1,881,000.00 UAH
5.14	30	riggingpoint hoist 1000kg D8, 24m chain, 4mm/min, in preliga or roof	325.00 €	9,750.00 €	277,875.00 UAH
5.15	30	Aluminium T-Pipes 1.5m high, horizontal pipe 0.5m, to drop lamps on trusses,	15.00 €	450.00 €	12,825.00 UAH
5.16		incl. couplers and safety construction, lamp appr. 50kg			

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5.17	18	ladderconstruction to hang lamps on top of each other under trusses 2lamps wide, 3 lamps high distance between lamps horizontal 70cm, vertical 100cm Incl. couplers and safety-construction, lamp aprx. 50kg	300,00 €	5.400,00 €	153.900,00 UAH
5.18	1	rigging crew for setup, standby, dismantling	54.750,00 €	54.750,00 €	1.560.375,00 UAH
5.19	1	transport of all equipment to and back from Kiev	- €	- €	Included in separate transportation quote
5.20	1	complete set of all required consumables like tape, cable-ties	500,00 €	500,00 €	14.250,00 UAH

rigging for sound

Equipment from 27/3 - 19/5					
6.1	20	1m 4-point truss system width 40cm, e.g. Prolyte H40V	30,00 €	600,00 €	17.100,00 UAH
6.2	20	1m 4-point truss system width 50cm, e.g. Prolyte S52V	40,00 €	800,00 €	22.800,00 UAH
6.3	16	riggingpoint hoist 500kg D8+, 24m chain, 4m/min, in prerigg or roof	300,00 €	4.800,00 €	136.800,00 UAH
6.4	0	riggingpoint hoist 1000kg D8+, 24m chain, 4m/min, in prerigg or roof	450,00 €	- €	0,00 UAH
6.5	30	riggingpoint hoist 1000kg D8, 24m chain, 4m/min, safety after lift, in prerigg or roof	275,00 €	8.250,00 €	235.125,00 UAH
6.6	2	riggingpoint hoist 2000kg D8, 24m chain, 4m/min, safety after lift, in prerigg or roof	450,00 €	900,00 €	25.650,00 UAH
6.7	1	rigging crew for setup, standby, dismantling	7.600,00 €	7.600,00 €	216.600,00 UAH
6.8	1	transport of all equipment to and back from Kiev	- €	- €	Included in separate transportation quote
6.9	1	complete set of all required consumables like tape, cable-ties	200,00 €	200,00 €	5.700,00 UAH

rigging for set + video

Equipment from 27/3 - 19/5					
7.1	120	1m 3-point truss system width 30cm, e.g. Prolyte H30D	11,00 €	1.320,00 €	37.620,00 UAH
7.2	360	1m 4-point truss system width 30cm, e.g. Prolyte H30V	15,00 €	5.400,00 €	153.900,00 UAH
7.3	76	riggingpoint hoist 250kg D8+, 24m chain, 4m/min, in prerigg or roof	250,00 €	19.000,00 €	541.500,00 UAH
7.4	60	riggingpoint hoist 500kg D8+, 24m chain, 4m/min, in prerigg or roof	300,00 €	18.000,00 €	513.000,00 UAH
7.5	116	riggingpoint hoist 1000kg D8, 24m chain, 4m/min, safety after lift, upside down in moving prerigg for LED-Backwall	275,00 €	31.900,00 €	909.150,00 UAH
7.6	2	semicircle tusspiece 4-point truss system width 30cm, e.g. Prolyte H30V outside diameter 6,5m,	1.200,00 €	2.400,00 €	68.400,00 UAH
7.7	6	circle tusspiece 4-point truss system width 30cm, e.g. Prolyte H30V outside diameter 8,5m, used / internal angle 48°	1.000,00 €	6.000,00 €	171.000,00 UAH
7.8	2	semicircle tusspiece 4-point truss system width 30cm, e.g. Prolyte H30V outside diameter 10,5m,	1.800,00 €	3.600,00 €	102.600,00 UAH
7.9	6	circle tusspiece 4-point truss system width 30cm, e.g. Prolyte H30V outside diameter 12,5m, used / internal angle 52,5°	800,00 €	4.800,00 €	136.800,00 UAH
7.10	6	circle tusspiece 4-point truss system width 30cm, e.g. Prolyte H30V outside diameter 14,5m, used / internal angle 53,5°	900,00 €	5.400,00 €	153.900,00 UAH
7.11	1	rigging crew for setup, standby, dismantling	38.300,00 €	38.300,00 €	1.091.550,00 UAH
7.12	1	transport of all equipment to and back from Kiev	- €	- €	Included in separate transportation quote
7.13	1	complete set of all required consumables like tape, cable-ties	500,00 €	500,00 €	14.250,00 UAH

crew + costs + special gear

Crew/Costs					
8.1	1	Projectteam with key persons for the project as Project Manager, Head Rigger Day and Night, Logistic Manager	86.600,00 €	86.600,00 €	2.468.100,00 UAH
8.2	1	complete verifiable load calculation Incl. load plots	7.500,00 €	7.500,00 €	213.750,00 UAH
8.3	1	complete planning activity to fulfill the project	19.500,00 €	19.500,00 €	555.750,00 UAH
8.4	2	height rescue kits, in case of emergency in heights	750,00 €	1.500,00 €	42.750,00 UAH
8.5	12	wire-trussladders 15/20m long	100,00 €	1.200,00 €	34.200,00 UAH
8.6	12	fall arresters sets 20m long	100,00 €	1.200,00 €	34.200,00 UAH
8.7	4	rescuemats	350,00 €	1.400,00 €	39.900,00 UAH

Supplier
Contact Person
Phone Number

Production Resource Group AG
Udo Willburger
+491715155705

Total Price Rigging 31.397.245,00 UAH

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Date

2017-03-03

Total Price Lighting: 45.223.315,00 UAH

Grand Total Lighting, Rigging & C1: 76.620.560,00 UAH

Discount for Marketing Package: -900.000,00 UAH

Package discount for Video & Lighting Awards -4.200.000,00 UAH

Grand Total Lighting & Rigging 71.520.560,00 UAH

Please notice that the package discount is valid only if PRG will be awarded with the LED & Projection contract

Please note, the following items has been excluded:

- Equipment Transportation
- Crew Travel
- Accommodation
- Catering
- Setup of 3D Model
- MA 3D operator, 3 weeks, 13.03.-31.03.2017
- MA 3D operator, 2 weeks, 10.04.-23.04.2017

Payment terms:

- 40% on confirmation
- 30% on April 10th
- 10% on April 20th
- 20% until June 15th



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