

Corrigendum No. 5 to the Bidding Documents

Procurement related to:

CONSTRUCTION OF THE NEW ELEMENTARY SCHOOL "CITY KVART" PODGORICA, MONTENEGRO

ICB No: 01-908/26-788/1 published on 11 March 2026

Modification No. 1

Referring to Part 1 Section IV-Bill of Quantities,

2.1. ARCHITECTURE-OBJECT , III CONCRETE AND ARMOR. CONCRETE WORKS

3.6	MANUFACTURE OF REINFORCED CONCRETE PANELS					
Description of the subject of procurement	Essential characteristics of the subject of procurement	Quantity	Unit of measure	Unit price	Total	
Procurement of materials and production of reinforced concrete slabs (ceilings between floors) of strength class C 30/37.	Procurement of materials and production of reinforced concrete slabs (ceilings between floors) of strength class C 30/37. The flatness of the produced AB plates must be in accordance with DIN 18202. Reinforce the AB plates according to the project, details and static calculation. All concrete and reinforced concrete works must be carried out according to the "Regulation on technical requirements for concrete constructions" -					
	("Official Gazette of Montenegro", no. 020/18 dated 30.03.2018, 039/19 dated 12.07.2019, 057/20 dated 18.06.2020), Rulebook for concrete structures Sl. list of Montenegro", No. 21 of March 31, 2017, as well as the "Regulations on technical norms for the construction of high-rise buildings in seismic areas" ("Official Gazette of the SFRY", number: 31/81, 49/82, 29/83, 21/88, 52/90).					
	The production of formwork ,dismantling of formwork, quality and everything else related to formwork must be carried out in accordance with EN 15113-1:2004 After removing the struts, it is necessary to cut off the anchors for fixing the struts.					
	The unit price includes all tools, materials, formwork, auxiliary scaffolding, work platforms, fasteners, transport, labor, concrete care and all other necessary actions. Calculation per m3 of embedded concrete.					
d=15cm - basement floor slab	1.1*(0.15*1721.80+0.15*151.95)	309.16 875	cubic meter	0.0 0	0.0 0	

	d=15cm - ground floor slab on the ground	$0.15*1404.70*1.1$	231.77 55	cubic meter	0.0 0	0.0 0
	d=20cm - floor slab of the ground floor above the basement	$0.20*1517.80*1.1$	333.91 6	cubic meter	0.0 0	0.0 0
	d=20cm - floor slab of the first floor	$1.1*0.20*355.06+0.20*407.40+1.1*0.20*283.31+0.20*528.86+0.2*1.1*(7.21+20.68)$	333.82 92	cubic meter	0.0 0	0.0 0
	d=8cm - first floor floor slab (coffered ceiling slab)	$(0.08*497.18+0.08*396.60)**1.1$	78.652 64	cubic meter	0.0 0	0.0 0
	d=20cm - floor slab of the second floor	$0.20*335.06+0.20*353.64+0.2*(7.21+20.68)*1.1$	143.87 58	cubic meter	0.0 0	0.0 0
	d=8cm - second floor floor slab (coffered ceiling slab)	$0.08*205.09+0.08*221.77$	34.148 8	cubic meter	0.0 0	0.0 0
	d=20cm - slab above the second floor	$1.1*0.2*794.12+0.20*(20.29+19.54)*1.1$	183.46 9	cubic meter	0.0 0	0.0 0
	d=8cm - slab above the second floor (cassette ceiling slab)	$0.08*(238.24+224.69)$	37.034 4	cubic meter	0.0 0	0.0 0
	d=14cm - plate above the elevator core	$0.14*7.34$	1.0276	cubic meter	0.0 0	0.0 0
	d=10cm - skylight plate on the first floor	$0.10*27.93$	2.793	cubic meter	0.0 0	0.0 0
	d=20cm - sloping slab of the approach ramp	$0.20*33.0*4.95$	32.67	cubic meter	0.0 0	0.0 0

is amended to read as follows:

3.6 MANUFACTURE OF REINFORCED CONCRETE PANELS						
	Description of the subject of procurement	Essential characteristics of the subject of procurement	Quantity	Unit of measure	Unit price	Total
	Procurement of materials and production of reinforced concrete slabs (ceilings between floors) of strength class C 30/37.	Procurement of materials and production of reinforced concrete slabs (ceilings between floors) of strength class C 30/37. The flatness of the produced AB plates must be in accordance with DIN 18202. Reinforce the AB plates according to the project, details and static calculation. All concrete and reinforced concrete works must be carried out according to the "Regulation on technical requirements for concrete constructions" -				

		("Official Gazette of Montenegro", no. 020/18 dated 30.03.2018, 039/19 dated 12.07.2019, 057/20 dated 18.06.2020), Rulebook for concrete structures Sl. list of Montenegro", No. 21 of March 31, 2017, as well as the "Regulations on technical norms for the construction of high-rise buildings in seismic areas" ("Official Gazette of the SFRY", number: 31/81, 49/82, 29/83, 21/88, 52/90). The production of formwork, dismantling of formwork, quality and everything else related to formwork must be carried out in accordance with EN 15113-1:2004 After removing the struts, it is necessary to cut off the anchors for fixing the struts.		cubic meter	0.00	0.00
		The unit price includes all tools, materials, formwork, auxiliary scaffolding, work platforms, fasteners, transport, labor, concrete care and all other necessary actions. Calculation per m3 of embedded concrete.		cubic meter	0.00	0.00
	d=15cm - basement floor slab	$1.1*(0.15*1721.80+0.15*151.95)-95,94$	213,25	cubic meter	0	0
	d=15cm -Supply of materials and construction of a reinforced concrete basement floor slab with dry-shake hardener (ferro concrete), strength class C30/37.	$1,1*0,15*(88.04+160.68+30.63+36.87+11.34+35.69+17.35+5.34+11.34+5.34+17.35+140.34+21.16)$	95,94	cubic meter	0	0
	d=15cm Supply of materials and construction of a reinforced concrete inclined ramp slab on	$0,2*33*4,95*1,10$	35,94	cubic meter	0	0

	grade, strength class C30/37. Execution of the RC inclined slab with a broom-finished surface applied to fresh concrete to achieve a non-slip texture, including placement, compaction, and curing of the concrete.					
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Modification No. 2

Referring to Part 1 Section IV-Bill of Quantities, **2.5.LOW VOLTAGE, 3 LIGHTING INSTALLATION**, items: 3.4, 3.6, 3.7, 3.10, 3.11, 3.12, 3.13, 3.14, 3.15, 3.19, 3.20, 3.22, 3.24, 3.26, 3.27, 2.28, 3.29, 3.30, 3.31, 3.32, 3.33, 3.34, 3.35 and 3.36 given below:

3.4	Procurement, delivery, and installation of the S1 recessed modular LED luminaire. Total for material and labor:	(S1) Modular LED ceiling-recessed luminaire with lens optic. Luminaire input power: 23.3 W, with LED converter; LED service life lasts 100000 h before luminous flux is reduced to 80% of the initial value. Chromaticity tolerance (initial MacAdam): 2. Luminaire luminous flux: 3820 lm, Luminaire efficacy: 164 lm/W. Colour rendering Ra > 80, colour temperature 4000 K. Symmetric wide distribution luminaire . Light control via square lens optic for glare-free light distribution with UGR < 16 and L65 < 1000 cd/m ² as per EN 12464:2011; low dirt sensitivity and simple cleaning; flat sheet steel luminaire housing with enamelled finish in white; installation as height-adjustable luminaire for cut ceiling apertures and modular ceilings with concealed or visible grid system; please order fixing kit separately; Luminaire wired with halogen-free leads; Dimensions: 598 x 598 x 74 mm, weight: 6.62 kg				
			kom.	523	0.00	0.00 €
3.6	Procurement, delivery, and installation of the S2 surface-mounted LED luminaire. Total for material and labor:	(S2) LED recessed wallwasher with asymmetric reflector optic for wall, panel and corridor lighting; Luminaire input power: 37.7 W, DALI controllable luminaire with LED converter; LED service life lasts 50000 h before luminous flux is reduced to 95% of the initial value. Chromaticity tolerance (initial MacAdam): 3. Luminaire				

		luminous flux: 4400 lm, Luminaire efficacy: 117 lm/W. Colour rendering Ra > 80, colour temperature 4000 K. Direct asymmetric beam characteristic in traverse direction to luminaire; light control based on matt anodised reflector optic with defined asymmetric wallwasher light emission for homogeneous wall/panel lighting with soft edge transitions, no light towards rear; efficient primary optic for homogeneous resolution of LED light points and outstanding quality of light;				
		slender recessed housing of sheet steel, white, stove-enamelled, 5-pole plug-in terminal block; for ceilings with concealed or visible grids and for cut apertures, minimum required ceiling thickness 34 mm (see mounting instructions for detailed information); through-wiring possible; luminaire ready for connection, Luminaire wired with halogen-free leads; supply includes foil protecting from building work. Modul: 600; Dimensions: 1198 x 114 x 85 mm, weight: 3.84 kg	kom.	66	0.00	0.00 €
3.7	Procurement, delivery, and installation of the S3 linear LED luminaire. Total for material and labor:	(S3) Linear, energy-efficient TECTON LED continuous-row luminaire with 64 highly efficient mid-power LEDs per segment. Luminaire input power: 31.4 W, DALI controllable luminaire with LED converter, makes environmental and financial sense. LED service life lasts 100000 h before luminous flux is reduced to 95% of the initial value. Chromaticity tolerance (initial MacAdam): 2. Luminaire efficacy: 171 lm/W. Luminaire luminous flux: 5370 lm. Luminaire with symmetric wide light distribution (wide beam). Colour rendering Ra > 80, colour temperature 4000 K. Split lens concept for reducing perceived glare. Overlapping PMMA lenses (shatter-resistant to IK07) achieve IP50 protection for LED and optic. All-in-one solution: lighting batten, lamp and reflector are combined in one product to produce a 100 % continuous ribbon of LED light without gaps. High-quality look in a design that matches the trunking.				

		Dimming level for DC mode preset to 15 %. LED continuous-row luminaire of sheet steel, enamelled in polyester lacquer finish, black. 100% flexible, tool-free mechanical and electrical installation using CLIX-technology by means of two side-mounted rotary levers on the TECTON trunking. No ultraviolet or infrared radiation. Ambient temperature -20 °C to 25 °C (ceiling surface-mounting), -20 °C to 35 °C (pendant mounting). Luminaire wired with halogen-free leads, silicone-free. Dimensions: 1498 x 60 x 85 mm. Weight: 2.2 kg.	kom.	142	0.00	0.00 €
3.10	Procurement, delivery, and installation of the track for the S3 luminaire. Total for material and labor:	11-pole track, 1.5 m in length, in black color, with prefabricated wiring: 5 x 2.5 mm ² /16A and 2 x 2 conductors (4 x 1.5 mm ² /10A) for integration of anti-panic lighting via two independently insulated circuits, plus 2 control line conductors (2 x 1.5 mm ² /10A). The track must be independently certified (regardless of the luminaire) with CE/UKCA, ENEC, and EPD certificates. In accordance with Directive 2014/35/EU and the standards EN 60570:2003 + A1:2018 + A2:2020, and ENEC certification per EN 60570:2003 + A1:2018 + A2:2020; EN IEC 60598-1:2021; EN IEC 60598-1:2021/A11:2022.	kom.	5	0.00	0.00 €
3.11	Procurement, delivery, and installation of the track for the S3 luminaire. Total for material and labor:	11-pole track, 2 m in length, in black color, with prefabricated wiring: 5 x 2.5 mm ² /16A and 2 x 2 conductors (4 x 1.5 mm ² /10A) for the integration of anti-panic lighting via two independently insulated circuits, plus 2 control line conductors (2 x 1.5 mm ² /10A). The track must be independently certified (regardless of the luminaire) with CE/UKCA, ENEC, and EPD certificates. In compliance with Directive 2014/35/EU and standards EN 60570:2003 + A1:2018 + A2:2020, and ENEC certification according to EN 60570:2003 + A1:2018 + A2:2020; EN IEC 60598-1:2021; EN IEC 60598-1:2021/A11:2022.	kom.	3	0.00	0.00 €
3.12	Procurement, delivery, and installation of the	11-pole track, 2.5 m in length, in black color, with prefabricated wiring: 5 x 2.5	kom.	6	0.00	0.00 €

	track for the S3 luminaire. Total for material and labor:	mm ² /16A and 2 x 2 conductors (4 x 1.5 mm ² /10A) for the integration of anti-panic lighting via two independently insulated circuits, plus 2 control line conductors (2 x 1.5 mm ² /10A). The track must be independently certified (regardless of the luminaire) with CE/UKCA, ENEC, and EPD certificates. In compliance with Directive 2014/35/EU and the standards EN 60570:2003 + A1:2018 + A2:2020, and ENEC certification in accordance with EN 60570:2003 + A1:2018 + A2:2020; EN IEC 60598-1:2021; EN IEC 60598-1:2021/A11:2022.				
3.13	Procurement, delivery, and installation of the track for the S3 luminaire. Total for material and labor:	11-pole track, 3 m in length, in black color, with prefabricated wiring: 5 x 2.5 mm ² /16A and 2 x 2 conductors (4 x 1.5 mm ² /10A) for the integration of anti-panic lighting via two independently insulated circuits, plus 2 control line conductors (2 x 1.5 mm ² /10A). The track must be independently certified (regardless of the luminaire) with CE/UKCA, ENEC, and EPD certificates. In compliance with Directive 2014/35/EU and the standards EN 60570:2003 + A1:2018 + A2:2020, and ENEC certification in accordance with EN 60570:2003 + A1:2018 + A2:2020; EN IEC 60598-1:2021; EN IEC 60598-1:2021/A11:2022.	kom.	11	0.00	0.00 €
3.14	Procurement, delivery, and installation of the track for the S3 luminaire. Total for material and labor:	11-pole track, 3.5 m in length, in black color, with prefabricated wiring: 5 x 2.5 mm ² /16A and 2 x 2 conductors (4 x 1.5 mm ² /10A) for the integration of anti-panic lighting via two independently insulated circuits, plus 2 control line conductors (2 x 1.5 mm ² /10A). The track must be independently certified (regardless of the luminaire) with CE/UKCA, ENEC, and EPD certificates. In compliance with Directive 2014/35/EU and the standards EN 60570:2003 + A1:2018 + A2:2020, and ENEC certification in accordance with EN 60570:2003 + A1:2018 + A2:2020; EN IEC 60598-1:2021; EN IEC 60598-1:2021/A11:2022.	kom.	1	0.00	0.00 €
3.15	Procurement, delivery, and installation of the	11-pole track, 4 m in length, in black color, with prefabricated wiring: 5 x 2.5 mm ² /16A	kom.	131	0.00	0.00 €

	track for the S3 luminaire. Total for material and labor:	and 2 x 2 conductors (4 x 1.5 mm ² /10A) for the integration of anti-panic lighting via two independently insulated circuits, plus 2 control line conductors (2 x 1.5 mm ² /10A). The track must be independently certified (regardless of the luminaire) with CE/UKCA, ENEC, and EPD certificates. In compliance with Directive 2014/35/EU and the standards EN 60570:2003 + A1:2018 + A2:2020, and ENEC certification in accordance with EN 60570:2003 + A1:2018 + A2:2020; EN IEC 60598-1:2021; EN IEC 60598-1:2021/A11:2022.				
3.19	Procurement, delivery, and installation of the S5 recessed LED luminaire. Total for material and labor:	(S5) LED ceiling-recessed luminaire (pre-assembled luminaire) R100, with symmetric wide beam light distribution (61 °) with maximum luminaire efficiency and optimum downlight technology; high sustainability due to consistent, maximum modular design and interchangeable components. Replaceable LED module, Colour rendering Ra > 80, colour temperature 4000 K; Chromaticity tolerance (initial MacAdam): 2; Luminaire input power: 8.2 W; Luminaire luminous flux: 900 lm; Luminaire efficacy: 110 lm/W; Rated median useful life: L80 100000 h at 25 °C + L90 50000 h at 25 °C, with separate plug-in LED converter, switchable luminaire ; high-quality reflector unit fixed to modular LED lighting chamber by twist-and-lock mechanism; high-efficiency LED lighting chamber integrated in optimised, passive thermal management				
		system made of recycled diecast aluminium reflector/trim made of high-quality, UV-resistant polycarbonate; reflector: smooth, aluminized, silver matt reflective, iridescence-free; trim: white; mounting surround made of polycarbonate; grey; protection rating: IP54_IP20; luminaire wired with halogen-free leads; electrical connection: 3-pole connector terminal; Through-wiring possible; mains voltage: 220-240 V / 0/50/60 Hz, for use with central battery 220-240V DC; ceiling cut-out: 100 mm, recess depth: 120 mm for ceiling	kom.	54	0.00	0.00 €

		thicknesses 1-25 mm; recess depth: 130 mm with ceiling thicknesses of 1-40 mm weight: 0.45 kg; For office applications in accordance with EN12464 (UGR<19 reflector type sputtered aluminium)				
3.20	Procurement, delivery, and installation of the S5.1 recessed LED luminaire. Total for material and labor:	(S5.1) LED ceiling-recessed luminaire (pre-assembled luminaire) R100, with symmetric wide beam light distribution (61 °) with maximum luminaire efficiency and optimum downlight technology; high sustainability due to consistent, maximum modular design and interchangeable components. Replaceable LED module, Colour rendering Ra > 80, colour temperature 4000 K; Chromaticity tolerance (initial MacAdam): 2; Luminaire input power: 8.2 W; Luminaire luminous flux: 900 lm; Luminaire efficacy: 110 lm/W; Rated median useful life: L80 100000 h at 25 °C + L90 50000 h at 25 °C, with separate plug-in LED converter, switchable luminaire ; high-quality reflector unit fixed to modular LED lighting chamber by twist-and-lock mechanism; high-efficiency LED lighting chamber integrated in optimised, passive thermal management				
		system made of recycled diecast aluminium reflector/trim made of high-quality, UV-resistant polycarbonate; reflector: smooth, aluminized, silver matt reflective, iridescence-free; trim: white; mounting surround made of polycarbonate; grey; protection rating: IP54_IP20; luminaire wired with halogen-free leads; electrical connection: 3-pole connector terminal; Through-wiring possible; mains voltage: 220-240 V / 0/50/60 Hz, for use with central battery 220-240V DC; ceiling cut-out: 100 mm, recess depth: 120 mm for ceiling thicknesses 1-25 mm; recess depth: 130 mm with ceiling thicknesses of 1-40 mm weight: 0.45 kg; For office applications in accordance with EN12464 (UGR<19 reflector type sputtered aluminium)				
			kom.	64	0.00	0.00 €
3.22	Procurement, delivery, and installation of the	(S6) Decor. round wall and ceiling luminaire LANOS OPAL; Luminaire input power: 35.2	kom	41	0.00	0.00 €

	S6 decorative LED luminaire. Total for material and labor:	W; LED service life lasts 50000 h before luminous flux is reduced to 80% of the initial value. Luminaire efficacy: 131 lm/W; Total luminous flux: 4600 lm; Colour rendering Ra > 90, colour temperature 4000 K; DALI controllable luminaire; with LED converter; Chromaticity tolerance (initial MacAdam): 2; premium luminaire housing made of polycarbonate in colour black; (similar to RAL 9005); opal optic; Low indirect component for wall / ceiling illumination, emphasising the floating appearance; ; Impact strength: IK08 and protection rating IP54. Dimensions: Ø496 x 69 mm; weight: 2.91 kg				
3.24	Procurement, delivery, and installation of the S7 surface-mounted LED luminaire. Total for material and labor:	(S7) LED high-bay luminaire for highly difficult applications, Luminaire input power: 72.5 W, including LED converter, electronic ballast, housing made of high quality, corrosion resistant die-cast aluminium, powder coated in colour white. Venturi air nozzles for excellent thermal management and dust minimisation. Cover made of high quality, impact-resistant and UV-stabilised polycarbonate (PC), for use in demanding applications in industry, logistics and sports. Chromaticity tolerance (initial MacAdam): 2. Luminaire luminous flux: 13460 lm, Luminaire efficacy: 186 lm/W Colour rendering Ra > 80, colour temperature 4000 K. glare-free lighting: UGR < 22 (EN 12464:2011). Sealed optical lens system. Lenses with diagonal dome structure for maximum efficiency. Luminaire with symmetric wide light distribution (wide beam).				
		Pre-assembled 2m long 3 x 1 mm ² connection cable for very high continuous temperatures (halogen-free, flame-retardant). Vibration resistant (EN 60598-1:2015/IEC 60598-1:2017 Ed. 8.1). LED risk group RG0 (IEC/EN 62471), luminaire wired with halogen-free leads, silicone-free. Note: please contact your consultant if you are planning to use in ambient atmospheres with chemical load, high or condensed air humidity or large temperature fluctuations. Protection class:	kom	14	0.00	0.00 €

		SC1; degree of protection: IP66; ambient temperature: -40°C to +65°C; Dimensions: 518 x 414 x 109 mm. Weight: 7 kg.				
3.26	Procurement, delivery, and installation of the S8 recessed LED luminaire. Total for material and labor:	(S8) An efficient ceiling recessed luminaire with LED light source. For more demanding lighting needs where a higher degree of protection is required. Easy to install with twist and lock wiring connectors to the LED driver. IP65 from below, IP20 from above with Impact strength: IK08. Polycarbonate opal diffuser TP(a) rated. 3000K, 3500K and 4000K CCT adjustable via a switch. fixed output control gear, Electronic,. Body: white sheet steel. Supplied with a safety wire. Suitable for recessed lay in grid ceilings as standard and when combined with additional accessory will allow installation in plasterboard ceilings. All accessories need to be ordered separately. Colour Rendering Index min: 80; glare-free lighting: UGR < 19 (EN 12464:2011). Dimensions: 596 x 596 x 35 mm. Luminaire input power: 30.3 W. Luminaire luminous flux: 4231 lm. Luminaire efficacy: 140 lm/W. Weight: 2.26 kg	kom	27	0.00	0.00 €
3.27	Procurement, delivery, and installation of the S9 surface-mounted LED luminaire. Total for material and labor:	(S9) An IP66, dust and moisture resistant LED luminaire. Electronic, fixed output control gear. With wide beam distribution. Class I electrical. Canopy: light grey polycarbonate. Diffuser: high transmission opal polycarbonate with refraction prisms. Patented snap-on mechanism EasyClick for clipless mounting of diffuser. For surface or suspended mounting. Quick-fix brackets supplied for surface mounting. Suitable for ceiling or wall (both vertically and horizontally). Approved for indoor use or in canopied outdoor areas (see installation instructions). Mounting kits for conduit, chain suspension and catenary suspension are available as accessories. Suitable for through wiring with H05VV or NYM cable (rated 10A). ambient temperature: -20°C to +35°C. Complete with 4000K LED. Dimensions: 1600 x 92 x 90 mm. Luminaire input power: 44.4 W. Luminaire luminous flux: 6370 lm	kom	61	0.00	0.00 €

3.28	Procurement, delivery, and installation of the S10 recessed LED luminaire. Total for material and labor:	(S10) A low height, recessed LED downlight. Suitable for ceiling cut-outs Ø145-180 mm for easy refurbishments or fast initial installations. Remote, pluggable, Fixed output LED driver with DC functionality, adjustable 50-100%, NFC configurable. Loop in - loop out possible. Body: plastic for thermal management. Diffuser: polycarbonate, smooth reflector in white finish with wide beam. Reflector and trim: high quality, highly reflective polycarbonate. Class II electrical, IP44_IP20. Spring clips suitable for ceiling thicknesses from 1 to 35 mm. Complete with 4000K LED. Dimensions: Ø195 x 100 mm. Luminaire input power: 16.3 W. Luminaire luminous flux: 2048 lm. Luminaire efficacy: 126 lm/W. Weight: 0.67 kg	kom	177	0.00	0.00 €
3.29	Procurement, delivery, and installation of the VS3 street LED luminaire. Total for material and labor:	(VS3) A compact, lightweight, general purpose LED area floodlight. With small body. LED converter BPxyz: Autonomous bi-power reduction (x: hours before midnight, y: hours after midnight, zz: reduction (%)) DALI dimmable. driving 24 LEDs at 350mA with Extra Wide Road distribution light distribution. IP66, IK08, Class I electrical. Body: Die-cast aluminium (EN AC-44300), Anthracite (textured).. Enclosure: 4mm thick toughened glass. Reversible mounting stirrup supplied, optional spigot adaptors available separately for post top mounting. Complete with 4000K LED. Integrated 6kV surge protection included as standard, with higher 10kV protection when selected (designated by 'SP' in the description). Dimensions: 429 x 349 x 99 mm. Luminaire input power: 26 W. Luminaire luminous flux: 4347 lm. Luminaire efficacy: 167 lm/W. Weight: 6.79 kg. Scx: 0.052 m ²	kom	2	0.00	0.00 €
3.30	Procurement, delivery, and installation of the P1 emergency evacuation luminaire. Total for material and labor:	(P1) LED emergency luminaire for escape route lighting with min. 1 lux compliant to EN 1838; Room height 2.2 to 7 m; 2 high power LEDs, neutral white 4,000 K; lens made of polycarbonate; optimum thermal management via heat sink; TECTON module; Tool-free connection to TECTON				

		continuous row system; roll-formed sheet steel with polyester paint finish; housing colour black (RAL 9005); Luminaire with local battery supply for 3 h emergency lighting in maintained or non-maintained mode, with automatic test (auto-test) via the luminaire, optional central monitoring via DALI, display of luminaire status via status LED; NFC interface for addressing, configuration and maintenance via PROset Pen (article no.: 22170290) or PROset app; addressing also alternatively possible visually or via EZ-addressing;				
		Maintained and non-maintained mode: +5 °C to +30 °C; power supply: 220-240 V AC (+/- 10 %), 50-60 Hz; Luminaire input power: 4.7 W (with battery fast-charging in maintained mode), typical connected load (without battery charging): 3.2 W in maintained mode / 1.1 W in non-maintained mode; Non-maintained and maintained mode settable via jumper and NFC interface; IP20; SC1; Luminaire wired with halogen-free and silicone-free leads; Impact strength: IK04; Dimensions: 500 x 60 x 85 mm; weight: 0.89 kg; Robust, integrated battery with 3-year warranty.	kom	24	0.00	0.00 €
3.31	Procurement, delivery, and installation of the surface-mounted LED luminaire for anti-panic zone lighting P2. Total for material and labor:	(P2) LED emergency luminaire for antipanic lighting with min. 0,5 lux acc. to EN 1838; Room height 2.2 to 7 m; 2 high power LEDs, neutral white 4,000 K; lens made of polycarbonate; optimum thermal management via heat sink; TECTON module; Tool-free connection to TECTON continuous row system; roll-formed sheet steel with polyester paint finish; housing colour black (RAL 9005); Luminaire with local battery supply for 3 h emergency lighting in maintained or non-maintained mode, with automatic test (auto-test) via the luminaire, optional central monitoring via DALI, display of luminaire status via status LED; NFC interface for addressing, configuration and maintenance via PROset Pen (article no.: 22170290) or PROset app; addressing also alternatively possible visually or via EZ-addressing;				

		Maintained and non-maintained mode: +5 °C to +30 °C; power supply: 220-240 V AC (+/- 10 %), 50-60 Hz; Luminaire input power: 4.7 W (with battery fast-charging in maintained mode), typical connected load (without battery charging): 3.2 W in maintained mode / 1.1 W in non-maintained mode; Non-maintained and maintained mode settable via jumper and NFC interface; IP20; SC1; Luminaire wired with halogen-free and silicone-free leads; Impact strength: IK04; Dimensions: 500 x 60 x 85 mm; weight: 0.89 kg; Robust, integrated battery with 3-year warranty.	kom	33	0.00	0.00 €
3.32	Procurement, delivery, and installation of the recessed LED luminaire for anti-panic zone lighting P4. Total for material and labor:	(P4) Ceiling recessed luminaire for 68 mm ceiling cut-out and ceiling thickness from 1 - 25 mm; tool-free rapid luminaire installation through specially shaped retaining springs; tool-free replacement of battery and control unit; Cover ring diecast aluminium, powder-coated; housing colour white (close to RAL9016); Polypropylene (PP) gearbox for installation in ceiling recess; Luminaire with local battery supply for 3 h emergency lighting in maintained or non-maintained mode, with automatic test (auto-test) via the luminaire, optional central monitoring via DALI, display of luminaire status via status LED; NFC interface for addressing, configuration and maintenance via PROset Pen (article no.: 22170290) or PROset app; addressing also alternatively possible visually or via EZ-addressing;				
		Maintained and non-maintained mode: +5 °C to +35 °C; power supply: 220-240 V AC (+/- 10 %), 50-60 Hz; Luminaire input power: 4.7 W (with battery fast-charging in maintained mode), typical connected load (without battery charging): 3.2 W in maintained mode / 1.1 W in non-maintained mode; Non-maintained and maintained mode settable via jumper and NFC interface; IP40; SC1; Luminaire wired with halogen-free and silicone-free leads. Suitable for installing in concrete casting surround (separately ordered); Plug-in terminals for through-wiring up to 2.5	kom	93	0.00	0.00 €

		mm ² ; Impact strength: IK04; Dimensions: Ø85 x 4 mm; weight: 0.38 kg; Robust, integrated battery with 3-year warranty.				
3.33	Procurement, delivery, and installation of the surface-mounted LED luminaire for anti-panic zone lighting P5. Total for material and labor:	(P5) LED emergency luminaire for antipanic lighting with min. 0,5 lux acc. to EN 1838; Room height 2.2 to 7 m; 2 high power LEDs, neutral white 4,000 K; lens made of polycarbonate; optimum thermal management via heat sink; Ceiling surface-mounted luminaire; Screw mounting of the gear tray, tool-free quick mounting of the cover; Cover ring made of diecast aluminium, powder-coated; housing colour white (close to RAL9016); Galvanized sheet steel gear tray; Luminaire with local battery supply for 3 h emergency lighting in maintained or non-maintained mode, with automatic test (auto-test) via the luminaire, optional central monitoring via DALI, display of luminaire status via status LED; NFC interface for addressing, configuration and maintenance via PROset Pen (article no.: 22170290) or PROset app; addressing also alternatively possible visually or via EZ-addressing;				
		Maintained and non-maintained mode: +5 °C to +30 °C; power supply: 220-240 V AC (+/- 10 %), 50-60 Hz; Luminaire input power: 4.7 W (with battery fast-charging in maintained mode), typical connected load (without battery charging): 3.2 W in maintained mode / 1.1 W in non-maintained mode; Non-maintained and maintained mode settable via jumper and NFC interface; IP40; SC1; Luminaire wired with halogen-free and silicone-free leads; Plug-in terminals for through-wiring up to 2.5 mm ² ; Impact strength: IK07; Dimensions: 146 x 146 x 35 mm; weight: 0.65 kg; Luminaire with D symbol (for use in environments in which no unusual accumulation of dust is expected) Robust, integrated battery with 3-year warranty.	kom	27	0.00	0.00 €
3.34	Procurement, delivery, and installation of the surface-mounted LED luminaire for	(P6) LED emergency luminaire for escape route lighting with min. 1 lux compliant to EN 1838; Room height 2.2 to 7 m; 2 high power LEDs, neutral white 4,000 K; lens				

	emergency route lighting P6. Total for material and labor:	made of polycarbonate; optimum thermal management via heat sink; Ceiling surface-mounted luminaire; Screw mounting of the gear tray, tool-free quick mounting of the cover; Cover ring made of diecast aluminium, powder-coated; housing colour white (close to RAL9016); Galvanized sheet steel gear tray; Luminaire with local battery supply for 3 h emergency lighting in maintained or non-maintained mode, with automatic test (auto-test) via the luminaire, optional central monitoring via DALI, display of luminaire status via status LED; NFC interface for addressing, configuration and maintenance via PROset Pen (article no.: 22170290) or PROset app; addressing also alternatively possible visually or via EZ-addressing;				
		Maintained and non-maintained mode: +5 °C to +30 °C; power supply: 220-240 V AC (+/- 10 %), 50-60 Hz; Luminaire input power: 4.7 W (with battery fast-charging in maintained mode), typical connected load (without battery charging): 3.2 W in maintained mode / 1.1 W in non-maintained mode; Non-maintained and maintained mode settable via jumper and NFC interface; IP40; SC1; Luminaire wired with halogen-free and silicone-free leads; Plug-in terminals for through-wiring up to 2.5 mm ² ; Impact strength: IK05; Dimensions: 146 x 146 x 35 mm; weight: 0.65 kg; Luminaire with D symbol (for use in environments in which no unusual accumulation of dust is expected) Robust, integrated battery with 3-year warranty.	kom	3	0.00	0.00 €
3.35	Procurement, delivery, and installation of the LED safety luminaire for surface-mounted, wall-mounted, and ceiling-mounted installation P7. Total for material and labor:	(P7) LED safety sign luminaire for surface, wall or ceiling, mounting. Simple "click" mounting after installation of base housing. Housing made of polycarbonate (PC) black. Quick fit terminal block, through wiring possible up to 2,5 mm ² . Self-contained luminaire with integrated LiFePo4 battery pack. Emergency operation time selectable via jumper for 1h or 3h (default). Maintained (default) or non-maintained operation possible.				

		Centralized monitoring via connected suitable DALI 2 controller, if not connected, automatic test with luminaire status display via status LED.				
		Supplied with a set of ISO 7010 mountable direction signs (left, right, up, down and blank) for viewing from a maximum distance of 30 m, single or double sided view with a luminance > 500 cd/m ² in the white region. Vin: 220-240V AC +/-10%, 50/60Hz Degree of protection: IP40 Ta=0°C to +40°C Impact strength: IK03 Weight: 0.8 kg Class II electrical	kom	79	0.00	0.00 €
3.36	Procurement, delivery, and installation of the LED safety luminaire P8. Total for material and labor:	(P8) LED safety sign luminaire for surface, wall or ceiling, mounting. Simple "click" mounting after installation of base housing. Housing made of polycarbonate (PC) black. Quick fit terminal block, through wiring possible up to 2,5 mm ² . Self-contained luminaire with integrated LiFePo4 battery pack. Emergency operation time selectable via jumper for 1h or 3h (default). Maintained (default) or non-maintained operation possible. Centralized monitoring via connected suitable DALI 2 controller, if not connected, automatic test with luminaire status display via status LED.				
		Supplied with a set of ISO 7010 mountable direction signs (left, right, up, down and blank) for viewing from a maximum distance of 30 m, single or double sided view with a luminance > 500 cd/m ² in the white region. Vin: 220-240V AC +/-10%, 50/60Hz Degree of protection: IP40 Ta=0°C to +40°C Impact strength: IK03 Weight: 0.8 kg Class II electrical	kom	37	0.00	0.00 €

are amended to read as follows:

3.4	Procurement, delivery and installation of recessed	(S1) Recessed modular LED luminaire, with a total input power of 23.3 W, including LED converter. The luminaire	Pcs	523
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	modular LED luminaire S1. Total for material and labour.:	output luminous flux is 3820 lm, colour temperature 4000 K, CRI > 80, luminaire efficacy 164 lm/W. Symmetric wide-beam luminaire with a square optical lens for glare-free light distribution, with UGR < 16 and L65 < 1000 cd/m ² in accordance with EN 12464:2011. The specially designed optics enable light reduction at high angles and glare reduction in order to achieve greater visual comfort. Light source characteristics: MacAdam 2, 100,000 operating hours before the luminous flux decreases to 80% of the initial value at 25°C. The luminaire height is adjustable to suspended ceilings with openings or modular ceilings with a visible grid. High level of resistance to dirt and ease of cleaning, with degree of protection IP20/IP40, protection class SC1, wired with halogen-free connections. The luminaire shall have CE/UKCA certification in accordance with standards EN 60598-2-1:2021, EN 62493:2015, EN IEC 60598-1:2021 + A11:2022, EN 55015:2019 + A11:2020, EN 61000-3-3:2013 + A1:2019, EN IEC 61000-3-2:2019 + A1:2021, EN IEC 61547:2023 and Directives 2014/35/EU, 2014/30/EU, 2009/125/EC, 2011/65/EU; ENEC certification in accordance with standards EN 60598-1:2015, EN 60598-2-2:2012, EN 60598-2-22:2014; EPD certification in accordance with standards EN ISO 14025 and EN 15804, with declaration number ECO-ZGR-42182365-Office-EU-2019-05-16 issued by Institut Bauen und Umwelt e.V. (IBU) in Germany, as well as an 8-year manufacturer's warranty. The luminaire is made of sheet steel in white colour, dimensions 598 × 598 × 74 mm, weight 6.62 kg. The luminaire shall be supplied complete with light source and all necessary operating equipment.		
3.6	Procurement, delivery and installation of surface-mounted LED luminaire S2. Total for material and labour.:	(S2) Surface-mounted LED luminaire, with a total input power of 37.7 W. The luminaire output luminous flux is 4400 lm, colour temperature 4000 K, CRI > 80, luminaire efficacy 117 lm/W, with asymmetric reflector optics for illumination of walls, panels and corridors. DALI dimmable down to 1% via DALI, DSI and switchDIM. Light source characteristics: MacAdam 3, 50,000 operating hours before the luminous flux decreases to 95% of the initial value at 25°C. The luminaire is intended for installation on suspended ceilings, cut-out ceiling openings and modular ceilings, minimum ceiling thickness 34 mm. Degree of protection IP20, wired with halogen-free connections. The luminaire shall have CE/UKCA certification in accordance with standards EN 60598-1:2021 + A11:2022, EN 60598-2-2:2012, EN	Pcs	66

		62493:2015, EN 55015:2019 + A11:2020, EN IEC 61000-3-2:2019 + A1:2021, EN 61000-3-3:2013 + A1:2019 + A2:2021, EN 61547:2023 and Directives 2014/35/EU, 2014/30/EU, 2009/125/EC, and RCM certification for ERAC, EESS, ACMA and EMC. The luminaire has a slim, elegant housing made of sheet steel, white colour, dimensions 1198 × 114 × 85 mm (Module 600), weight 3.84 kg. The luminaire shall be supplied complete with light source and all necessary operating equipment.		
3.7	Procurement, delivery and installation of linear LED luminaire S3. Total for material and labour:	(S3) Linear LED luminaire, with a total input power of 31.4 W, luminaire output luminous flux 5370 lm, colour temperature 4000 K, CRI > 80, luminaire efficacy 171 lm/W. Light source characteristics: MacAdam 2, 100,000 operating hours before the luminous flux decreases to 95% of the initial value. Luminaire with symmetric wide light distribution (Wide Beam). DALI dimmable, with LED converter. Due to overlapping PMMA lenses, the degree of protection is IP50, with impact resistance IK07 for the LED and optics. The luminaire is designed for operation at ambient temperatures from -20°C to +25°C for surface-mounted installation and from -20°C to +35°C for suspended installation. The luminaire is wired with halogen-free and silicone-free conductors, and emits no ultraviolet or infrared radiation. The dimming level for DC mode is factory preset to 15%. Flexible tool-free mechanical and electrical installation using CLIX technology. The luminaire shall have CE/UKCA certification in accordance with standards EN 60598-1:2021 + A11:2022, EN 60598-2-1:2021, EN 60598-2-22:2022, EN 62493:2015, EN 55015:2019 + A11:2020, EN IEC 61000-3-2:2019 + A1:2021, EN 61000-3-3:2013 + A1:2019 + A2:2021, EN 61547:2023 and Directives 2014/35/EU, 2014/30/EU, 2009/125/EC; CB certification in accordance with standards IEC 60598-1:2020 and IEC 60598-2-1:2020; ENEC certification in accordance with standards EN IEC 60598-1:2021, EN IEC 60598-1:2021/A11:2022, EN IEC 60598-2-1:2021 and EN IEC 60598-2-22:2022. The linear LED luminaire is made of sheet steel, enamelled with a polyester lacquer finish in black colour. Dimensions 1498 × 60 × 85 mm, weight 2.2 kg. The luminaire shall be supplied complete with light source and all necessary operating equipment.	Pcs	142
3.10	Procurement, delivery and installation of mounting rail for luminaire S3. Total for material and labour:	11-pole rail, 1.5 m long, in black colour, with prefabricated wiring 5 × 2.5 mm ² / 16 A, with 2 × 2 conductors (4 × 1.5 mm ² / 10 A) for integration of anti-panic lighting by means of two independently insulated circuits, and 2 control-line conductors (2 × 1.5 mm ² / 10	Pcs	5

		A). The rail, independently of the luminaire, shall have CE/UKCA, ENEC and EPD certification. In accordance with Directive 2014/35/EU and standards EN 60570:2003 + A1:2018 + A2:2020, and ENEC standard according to EN 60570:2003 + A1:2018 + A2:2020; EN IEC 60598-1:2021; EN IEC 60598-1:2021/A11:2022.		
3.11	Procurement, delivery and installation of mounting rail for luminaire S3. Total for material and labour:	11-pole rail, 2 m long, in black colour, with prefabricated wiring $5 \times 2.5 \text{ mm}^2 / 16 \text{ A}$, with 2×2 conductors ($4 \times 1.5 \text{ mm}^2 / 10 \text{ A}$) for integration of anti-panic lighting by means of two independently insulated circuits, and 2 control-line conductors ($2 \times 1.5 \text{ mm}^2 / 10 \text{ A}$). The rail, independently of the luminaire, shall have CE/UKCA, ENEC and EPD certification. In accordance with Directive 2014/35/EU and standards EN 60570:2003 + A1:2018 + A2:2020, and ENEC standard according to EN 60570:2003 + A1:2018 + A2:2020; EN IEC 60598-1:2021; EN IEC 60598-1:2021/A11:2022.	Pcs	3
3.12	Procurement, delivery and installation of mounting rail for luminaire S3. Total for material and labour:	11-pole rail, 2.5 m long, in black colour, with prefabricated wiring $5 \times 2.5 \text{ mm}^2 / 16 \text{ A}$, with 2×2 conductors ($4 \times 1.5 \text{ mm}^2 / 10 \text{ A}$) for integration of anti-panic lighting by means of two independently insulated circuits, and 2 control-line conductors ($2 \times 1.5 \text{ mm}^2 / 10 \text{ A}$). The rail, independently of the luminaire, shall have CE/UKCA, ENEC and EPD certification. In accordance with Directive 2014/35/EU and standards EN 60570:2003 + A1:2018 + A2:2020, and ENEC standard according to EN 60570:2003 + A1:2018 + A2:2020; EN IEC 60598-1:2021; EN IEC 60598-1:2021/A11:2022.	Pcs	6
3.13	Procurement, delivery and installation of mounting rail for luminaire S3. Total for material and labour:	11-pole rail, 3 m long, in black colour, with prefabricated wiring $5 \times 2.5 \text{ mm}^2 / 16 \text{ A}$, with 2×2 conductors ($4 \times 1.5 \text{ mm}^2 / 10 \text{ A}$) for integration of anti-panic lighting by means of two independently insulated circuits, and 2 control-line conductors ($2 \times 1.5 \text{ mm}^2 / 10 \text{ A}$). The rail, independently of the luminaire, shall have CE/UKCA, ENEC and EPD certification. In accordance with Directive 2014/35/EU and standards EN 60570:2003 + A1:2018 + A2:2020, and ENEC standard according to EN 60570:2003 + A1:2018 + A2:2020; EN IEC 60598-1:2021; EN IEC 60598-1:2021/A11:2022.	Pcs	11
3.14	Procurement, delivery and installation of mounting rail for luminaire S3. Total for material and labour:	11-pole rail, 3.5 m long, in black colour, with prefabricated wiring $5 \times 2.5 \text{ mm}^2 / 16 \text{ A}$, with 2×2 conductors ($4 \times 1.5 \text{ mm}^2 / 10 \text{ A}$) for integration of anti-panic lighting by means of two independently insulated circuits, and 2 control-line conductors ($2 \times 1.5 \text{ mm}^2 / 10 \text{ A}$). The rail, independently of the luminaire, shall have CE/UKCA, ENEC and EPD certification. In accordance	Pcs	1

		with Directive 2014/35/EU and standards EN 60570:2003 + A1:2018 + A2:2020, and ENEC standard according to EN 60570:2003 + A1:2018 + A2:2020; EN IEC 60598-1:2021; EN IEC 60598-1:2021/A11:2022.		
3.15	Procurement, delivery and installation of mounting rail for luminaire S3. Total for material and labour:	11-pole rail, 4 m long, in black colour, with prefabricated wiring 5 × 2.5 mm ² / 16 A, with 2 × 2 conductors (4 × 1.5 mm ² / 10 A) for integration of anti-panic lighting by means of two independently insulated circuits, and 2 control-line conductors (2 × 1.5 mm ² / 10 A). The rail, independently of the luminaire, shall have CE/UKCA, ENEC and EPD certification. In accordance with Directive 2014/35/EU and standards EN 60570:2003 + A1:2018 + A2:2020, and ENEC standard according to EN 60570:2003 + A1:2018 + A2:2020; EN IEC 60598-1:2021; EN IEC 60598-1:2021/A11:2022..	Pcs	131
3.19	Procurement, delivery and installation of recessed LED luminaire S5. Total for material and labour:	(S5) Recessed LED luminaire, with a total input power of 8.2 W, luminaire output luminous flux 900 lm, colour temperature 4000 K, CRI > 80, luminaire efficacy 110 lm/W. Luminaire with symmetric wide light distribution (Wide Beam). Light source characteristics: MacAdam 2, 100,000 operating hours before the luminous flux decreases to 80% of the initial value at 25°C. Electrical control gear integrated inside the luminaire. Degree of protection IP20/IP54, impact resistance IK03, luminaire wired with halogen-free conductors, electrical connection: 3-pole connector.Quick tool-free installation using spring clips in suspended ceilings with thickness from 1–40 mm. The lighting unit can be quickly installed without tools using a twist-and-lock mechanism. Required ceiling cut-out Ø100 mm, with installation height of 120 mm for ceiling thicknesses of 1–25 mm and 130 mm for ceiling thicknesses of 1–40 mm. The luminaire shall have CE/UKCA certification in accordance with standards ETSI EN 300 330 V2.1.1 (2017-02), EN IEC 60598-1:2021 + A11:2022, EN IEC 60598-2-22:2022, IEC 60598-2-2:2023, EN 55015:2019 + A11:2020 and Directives 2014/53/EU Art. 3.2, 2014/53/EU Art. 3.1.a, 2014/53/EU Art. 3.1.b, 2009/125/EC, and RCM certification for ERAC, EESS, ACMA and EMC.The luminaire is intended for office spaces, with glare-free light distribution with UGR < 19 in accordance with EN 12464. The specially designed optics enable light reduction at high angles and glare reduction in order to achieve greater visual comfort during work. The luminaire is made of aluminium with a recessed housing made of polycarbonate. Reflector frame made of high-quality UV-resistant polycarbonate	Pcs	54

		in semi-gloss silver colour with white trim. Dimensions Ø113 × 104 mm, weight 0.45 kg. The luminaire shall be supplied complete with light source and all necessary operating equipment.		
3.20	Procurement, delivery and installation of recessed LED luminaire S5.1. Total for material and labour:	(S5.1) Recessed LED luminaire, with a total input power of 8.2 W, luminaire output luminous flux 900 lm, colour temperature 4000 K, CRI > 80, luminaire efficacy 110 lm/W. Luminaire with symmetric wide light distribution (Wide Beam). Light source characteristics: MacAdam 2, 100,000 operating hours before the luminous flux decreases to 80% of the initial value at 25°C. Electrical control gear integrated inside the luminaire. Degree of protection IP20/IP54, impact resistance IK03, luminaire wired with halogen-free conductors, electrical connection: 3-pole connector. Quick tool-free installation using spring clips in suspended ceilings with thickness from 1–40 mm. The lighting unit can be quickly installed without tools using a twist-and-lock mechanism. Required ceiling cut-out Ø100 mm, with installation height of 120 mm for ceiling thicknesses of 1–25 mm and 130 mm for ceiling thicknesses of 1–40 mm. The luminaire shall have CE/UKCA certification in accordance with standards ETSI EN 300 330 V2.1.1 (2017-02), EN IEC 60598-1:2021 + A11:2022, EN IEC 60598-2-22:2022, IEC 60598-2-2:2023, EN 55015:2019 + A11:2020 and Directives 2014/53/EU Art. 3.2, 2014/53/EU Art. 3.1.a, 2014/53/EU Art. 3.1.b, 2009/125/EC, and RCM certification for ERAC, EESS, ACMA and EMC. The luminaire is intended for office spaces, with glare-free light distribution with UGR < 19 in accordance with EN 12464. The specially designed optics enable light reduction at high angles and glare reduction in order to achieve greater visual comfort during work. The luminaire is made of aluminium with a recessed housing made of polycarbonate. Reflector frame made of high-quality UV-resistant polycarbonate in semi-gloss silver colour with white trim. Dimensions Ø113 × 104 mm, weight 0.45 kg. The luminaire shall be supplied complete with light source and all necessary operating equipment.	Pcs	64
3.22	Procurement, delivery and installation of decorative LED luminaire S6. Total for material and labour:	(S6) Decorative LED luminaire, with a total input power of 35.2 W, luminaire output luminous flux 4600 lm, colour temperature 4000 K, CRI > 90, luminaire efficacy 131 lm/W. Light source characteristics: MacAdam 2, 50,000 operating hours before the luminous flux decreases to 80% of the initial value at 25°C. DALI dimmable down to 1% via DALI, DSI and switchDIM.	Pcs	64

		<p>Degree of protection IP54, impact resistance IK08. The luminaire shall have CE/UKCA certification in accordance with standards EN 60598-1:2021 + A11:2022, EN 60598-2-1:2021, EN 62493:2015, EN 60598-2-22:2022, EN 55015:2019 + A11:2020, EN IEC 61000-3-2:2019 + A1:2021, EN 61000-3-3:2013 + A1:2019 + A2:2021, EN 61547:2023 and Directives 2014/35/EU, 2014/30/EU, 2009/125/EC; ENEC certification in accordance with standards EN IEC 60598-1:2022-04-01, EN IEC 60598-1/A11:2022, EN 60598-2-24:2013; and CB certification in accordance with standards IEC 60598-1:2020 and IEC 60598-2-24:2013. The luminaire housing is made of polycarbonate in black colour, similar to RAL 9005, with opal optics. Dimensions Ø496 × 69 mm, weight 2.91 kg. The luminaire shall be supplied complete with light source and all necessary operating equipment.</p>		
3.24	<p>Procurement, delivery and installation of surface-mounted LED luminaire S7. Total for material and labour:</p>	<p>(S7) Surface-mounted LED luminaire, with a total input power of 72.5 W, luminaire output luminous flux 13460 lm, colour temperature 4000 K, CRI > 80, luminaire efficacy 186 lm/W. Light source characteristics: MacAdam 2, 100,000 operating hours before the luminous flux decreases to 90% of the initial value at 65°C and to 95% of the initial value at 25°C. Electrical control gear integrated inside the luminaire. Luminaire with symmetric wide-beam optics (Wide Beam), with glare-free light distribution and UGR < 22 in accordance with EN 121164. Optics with diagonal domed structure for maximum efficiency. Cover made of high-quality impact-resistant polycarbonate (PC). The luminaire is suitable for use in heavy industry, logistics and sports facilities, vibration-resistant in accordance with EN 60598-1:2015 / IEC 60598-1:2017 Ed. 8.1, LED Risk Group RG1 in accordance with IEC/EN 62471. Operating ambient temperature from -40°C to +65°C, degree of protection IP66, impact resistance IK08, protection class SC1, wired with halogen-free connections. The luminaire shall have CE/UKCA certification in accordance with standards EN 60598-1:2021 + A11:2022, EN 60598-2-1:2021, EN 60598-2-22:2022, EN 60598-2-24:2013, EN 62493:2015, EN 55015:2019 + A11:2020, EN IEC 61000-3-2:2019 + A1:2021, EN 61000-3-3:2013 + A1:2019 + A2:2021, EN 61547:2023 and Directives 2014/35/EU, 2014/30/EU, 2009/125/EC, 2011/65/EU; CB certification in accordance with standards IEC 60598-1:2014, IEC 60598-1:2014/AMD1:2017, IEC 60598-2-2:2011, IEC 60598-2-24:2013; ENEC certification in accordance with standards EN 60598-1:2015 + A1:2018, EN 60598-2-</p>	Pcs	14

		22:2014 + A1:2020, EN 60598-2-24:2013, as well as an 8-year manufacturer's warranty. Housing made of high-quality corrosion-resistant die-cast aluminium, coated in white colour, dimensions 518 × 414 × 109 mm, weight 7 kg. The luminaire shall be supplied complete with light source and all necessary operating equipment.		
3.26	Procurement, delivery and installation of recessed LED luminaire S8. Total for material and labour:	(S8) High-efficiency recessed LED luminaire, with a total input power of 30.3 W, luminaire output luminous flux 4231 lm. Colour temperature adjustable by switch: 3000 K, 3500 K and 4000 K, CRI > 80, luminaire efficacy 140 lm/W. 100,000 operating hours before the luminous flux decreases to 80% of the initial value at 25°C. Electrical control gear integrated inside the luminaire. The luminaire is suitable for installation in modular and standard recessed ceilings, as well as plasterboard ceilings with an additionally ordered accessory. Degree of protection IP20 on the upper side and IP65 on the lower side, impact resistance IK08, protection class SC2. Luminaire with opal optics and glare-free light distribution with UGR < 19 in accordance with EN 12464:2011. The specially designed optics enable light reduction at high angles and glare reduction in order to achieve greater visual comfort. The luminaire shall have CE/UKCA, ENEC and RCM certificates. The luminaire is made of sheet steel in white colour. Dimensions 596 × 596 × 35 mm, weight 2.26 kg. The luminaire shall be supplied complete with light source and all necessary operating equipment.	Pcs	27
3.27	Procurement, delivery and installation of surface-mounted LED luminaire S9. Total for material and labour:	(S9) Surface-mounted LED luminaire, with a total input power of 44.4 W, luminaire output luminous flux 6370 lm, colour temperature 4000 K, CRI > 80, luminaire efficacy 143 lm/W. The luminaire is dust- and moisture-resistant. Light source characteristics: MacAdam 3, 100,000 operating hours before the luminous flux decreases to 80% of the initial value at 25°C. Electrical control gear integrated inside the luminaire. Diffuser made of high-transmission opal polymethyl methacrylate with refractive prisms, with wide light distribution (Wide Beam). Simple installation with patented snap-on mechanism for ceiling and wall mounting. Degree of protection IP66, impact resistance IK08, operating ambient temperature from -20°C to +35°C. Suitable for through-wiring with H05VV or NYM cable, current rating 10 A. The luminaire shall have CE/UKCA certification in accordance with standards EN 60598-1:2021 + A11:2022, EN 60598-2-1:2021, EN 62493:2015, EN 55015:2019 + A11:2020, EN IEC 61000-	Pcs	61

		<p>3-2:2019 + A1:2021, EN 61000-3-3:2013 + A1:2019 + A2:2021, EN 61547:2023 and Directives 2014/35/EU, 2014/30/EU, 2009/125/EC; ENEC certification in accordance with standards EN IEC 60598-1:2021, EN IEC 60598-1:2021/A11:2022, EN 60598-2-24:2013; CB certification in accordance with standards IEC 60598-1:2020 and IEC 60598-2-22:2013; RCM certification for ERAC, EESS, ACMA and EMC; EPD certification in accordance with standards EN ISO 14025 and EN 15804, with declaration number ECO-ZGR-92901898-Office-EU-2023-10-25 issued by Institut Bauen und Umwelt e.V. (IBU) in Germany, as well as FOOD (HACCP) certification. The luminaire is made of polycarbonate, grey colour. Dimensions 1600 × 92 × 90 mm, weight 2.1 kg. The luminaire shall be supplied complete with light source and all necessary operating equipment.</p>		
3.28	Procurement, delivery and installation of recessed LED luminaire S10. Total for material and labour:	<p>(S10) Recessed LED luminaire, with a total input power of 16.3 W, luminaire output luminous flux 2048 lm, colour temperature 4000 K, CRI > 80, luminaire efficacy 126 lm/W. The luminaire is suitable for ceiling cut-outs Ø145–180 mm, for easy replacement or quick installation. Light source characteristics: MacAdam 2, 100,000 operating hours before the luminous flux decreases to 80% of the initial value at 25°C. Electrical control gear integrated inside the luminaire, with DC function, adjustable from 50–100%, NFC configurable. Diffuser made of polycarbonate, with wide light distribution. Degree of protection IP20 on the upper side and IP44 on the lower side, impact resistance IK06, protection class SC2. The luminaire shall have CE/UKCA certification in accordance with standards EN 60598-1:2015, EN 60598-2-1:1989, EN 60598-2-2:2012, EN 60598-2-22:2014 + A1:2020, EN 61347-2-13:2014 + A1:2017, EN 61347-1:2015 + A1:2021, EN 61000-3-2:2019 + A1:2021, EN 61000-3-3:2013 + A1:2019, EN 55015:2019 + A11:2020, EN 61547:2009 and Directives 2014/35/EU, 2014/30/EU, 2009/125/EC; ENEC certification in accordance with standards EN IEC 60598-1:2021, EN IEC 60598-1:2021/A11:2022, EN 60598-2-2:2012; and RCM certification for ERAC, EESS, ACMA and EMC. The luminaire reflector and decorative parts are made of high-quality polycarbonate with high reflectance, while the luminaire body is made of plastic due to thermal effects. Dimensions Ø195 × 100 mm, weight 0.67 kg. The luminaire shall be supplied complete with light source and all necessary operating equipment.</p>	Pcs	177

3.29	Procurement, delivery and installation of street LED luminaire VS3. Total for material and labour:	(VS3) Street LED luminaire with 24 LED modules powered at 350 mA, with Extra Wide Road optics, light source colour temperature 4000 K, CRI > 70, luminaire output luminous flux 4347 lm, luminaire input power 26 W, efficacy 167 lm/W, MacAdam 5, 100,000 operating hours before the luminous flux decreases to 95% of the initial value at an ambient temperature of 25°C. DALI dimmable.The luminaire body is made of die-cast aluminium (EN AC-44300), anthracite colour, approximately RAL 7043, with a protector in the form of flat tempered glass, integrated 6 kV surge protection, as well as additional 10 kV protection (SP designation). Owing to the best-in-class alloy, the luminaire has corrosion resistance category C5 in accordance with ISO 9223. The luminaire is equipped with a system for reducing electrical energy consumption, active for 5 hours before and 5 hours after the calculated midnight, with 50% reduction. The consumption reduction option can be easily deactivated during installation. Degree of protection IP66, impact resistance IK08, earthing CL1.The luminaire shall have CE/UKCA certification in accordance with standards EN 60598-1:2021 + A11:2022, EN 60598-2-5:2015, EN 62471-5:2015, EN 62493:2015, EN 55015:2019 + A11:2020, EN IEC 61000-3-2:2019 + A1:2021, EN 61000-3-3:2013 + A1:2019 + A2:2021, EN 61547:2023 and Directives 2014/35/EU, 2014/30/EU, 2009/125/EC; CB certification in accordance with standards IEC 60598-1:2020 and IEC 60598-2-5:2015; ENEC certification in accordance with standards EN IEC 60598-1:2021, EN IEC 60598-1:2021/A11:2022, EN 60598-2-5:2015; RCM certification for ERAC, EESS, ACMA and EMC; and SPORT / ball-proof certification.Luminaire dimensions 429 × 349 × 99 mm, weight 6.79 kg. The luminaire shall be supplied complete with light source and all necessary operating equipment.	Pcs	2
3.30	Procurement, delivery and installation of emergency evacuation luminaire P1. Total for material and labour:	(P1) Emergency evacuation luminaire with minimum 1 lux in accordance with EN 1838. Room height from 2.2 to 10 m, 2 high-power LEDs, neutral white 4000 K. Polycarbonate optics. Optimal thermal management via heat sink. The luminaire is intended for the TECTON trunking system. NFC interface for addressing, configuration and maintenance via PROset Pen or PROset application. Addressing is also alternatively possible visually or via EZ addressing. Ambient temperature range for operation in maintained and non-maintained mode from +5°C to +30°C. The luminaire is supplied with 220–240 V AC (+/- 10%), 50–60 Hz.	Pcs	24

		<p>Maintained and non-maintained operating modes can be set via jumper and NFC interface. Degree of mechanical protection IP40, impact resistance IK07. The luminaire is wired with halogen-free conductors. Degree of protection IP20, impact resistance IK04, protection class SC1. The luminaire is wired with halogen-free and silicone-free conductors. The luminaire shall have CE/UKCA certification in accordance with standards ETSI EN 300328 V2.1.1, EN 60598-1:2015 + A1:2018, EN 60598-2-1:2021, EN 60598-2-22:2014 + A1:2020, EN 62493:2015, EN 55015:2019 + A11:2020, EN 61000-3-2:2019 + A1:2021, EN 61000-3-3:2013 + A1:2019, EN 61547:2010, ETSI EN 301 489-1 V2.2.3 (2019-11), ETSI EN 301489-17 V3.2.0 and Directives 2014/53/EU Art. 3.2, 2014/53/EU Art. 3.1.a, 2014/53/EU Art. 3.1.b, 2009/125/EC; ENEC certification in accordance with standards EN IEC 60598-1:2021, EN IEC 60598-1:2021/A11:2022, EN IEC 60598-2-22:2022, EN 60598-2-24:2013, as well as FOOD (HACCP) certification. The luminaire is made of sheet steel in black colour, approximately RAL 9005. Dimensions 500 × 60 × 85 mm, weight 0.48 kg. The luminaire shall be supplied complete with light source and all necessary operating equipment.</p>		
3.31	<p>Procurement, delivery and installation of surface-mounted LED luminaire for anti-panic area lighting P2. Total for material and labour.</p>	<p>(P2) Surface-mounted LED luminaire for anti-panic area lighting, with minimum 0.5 lux in accordance with EN 1838. Room height from 2.2 to 10 m, 2 high-power LEDs, neutral white 4000 K. Polycarbonate optics. Optimal thermal management via heat sink. The luminaire is intended for the TECTON trunking system. NFC interface for addressing, configuration and maintenance via PROset Pen or PROset application. Addressing is also alternatively possible visually or via EZ addressing. Ambient temperature range for operation in maintained and non-maintained mode from +5°C to +30°C. The luminaire is supplied with 220–240 V AC (+/- 10%), 50–60 Hz. Maintained and non-maintained operating modes can be set via jumper and NFC interface. Degree of mechanical protection IP40, impact resistance IK07. The luminaire is wired with halogen-free conductors. Degree of protection IP20, impact resistance IK04, protection class SC1. The luminaire is wired with halogen-free and silicone-free conductors. The luminaire shall have CE/UKCA certification in accordance with standards ETSI EN 300328 V2.1.1, EN 60598-1:2015 + A1:2018, EN 60598-2-1:2021, EN 60598-2-22:2014 + A1:2020, EN 62493:2015, EN 55015:2019 + A11:2020, EN 61000-3-2:2019 + A1:2021, EN 61000-3-3:2013 +</p>	Pcs	33

		<p>A1:2019, EN 61547:2010, ETSI EN 301 489-1 V2.2.3 (2019-11), ETSI EN 301489-17 V3.2.0 and Directives 2014/53/EU Art. 3.2, 2014/53/EU Art. 3.1.a, 2014/53/EU Art. 3.1.b, 2009/125/EC; ENEC certification in accordance with standards EN IEC 60598-1:2021, EN IEC 60598-1:2021/A11:2022, EN IEC 60598-2-22:2022, EN 60598-2-24:2013, as well as FOOD (HACCP) certification. The luminaire is made of sheet steel in black colour, approximately RAL 9005. Dimensions 500 × 60 × 85 mm, weight 0.88 kg. The luminaire shall be supplied complete with light source and all necessary operating equipment.</p>		
3.32	<p>Procurement, delivery and installation of recessed LED luminaire for anti-panic area lighting P4. Total for material and labour:</p>	<p>(P4) Recessed LED luminaire for anti-panic area lighting, with minimum 0.5 lux in accordance with EN 1838. The luminaire is intended for rooms with heights from 2.2 to 7 m. Two high-power LEDs are installed inside the luminaire, with neutral white light colour of 4000 K. Lenses are made of polycarbonate. Optimal thermal management via aluminium heat sink. Luminaire with local battery supply for 3 h of anti-panic lighting in maintained or non-maintained mode, with automatic test function (auto-test). Optional central monitoring of luminaire status, as well as generation of automatic tests via DALI protocol. Luminaire status indication via status LED. NFC interface for addressing, configuration and maintenance via PROset Pen or PROset application. Addressing is also alternatively possible visually or via EZ addressing. Ambient temperature range for operation in maintained and non-maintained mode from +5°C to +35°C. The luminaire is supplied with 220–240 V AC (+/- 10%), 50–60 Hz. Luminaire input power 4.7 W with fast battery charging in maintained mode; typical connected load without battery charging: 3.2 W in maintained mode / 1.1 W in non-maintained mode. Maintained and non-maintained operating modes can be set via jumper and NFC interface. Degree of mechanical protection IP40, impact resistance IK07, protection class SC1. The luminaire is wired with halogen-free conductors. Plug-in terminals for through-wiring up to 2.5 mm². Simple tool-free installation and replacement of the battery and control unit using specially shaped springs. Required ceiling cut-out for installation is 68 mm for ceiling thickness 1–25 mm. The luminaire shall have CE/UKCA certification in accordance with standards ETSI EN 300 330 V2.1.1 (2017-02), EN 60598-1:2021 + A11:2022, EN 60598-2-22:2022, EN 62493:2015, EN 60598-2-2:2012, EN 55015:2019 + A11:2020, EN IEC 61000-3-2:2019 +</p>	Pcs	93

		A1:2021, EN 61000-3-3:2013 + A1:2019 + A2:2021, EN 61547:2023 and Directives 2014/53/EU Art. 3.2, 2014/53/EU Art. 3.1.a, 2014/53/EU Art. 3.1.b, 2009/125/EC; ENEC certification in accordance with standards EN IEC 60598-1:2021, EN IEC 60598-1:2021/A11:2022, EN 60598-2-2:2012, EN IEC 60598-2-22:2022. The luminaire is made of die-cast aluminium in white colour, approximately RAL 9016. Dimensions Ø85 × 4 mm, weight 0.38 kg. The luminaire shall be supplied complete with light source and all necessary operating equipment.		
3.33	Procurement, delivery and installation of surface-mounted LED luminaire for anti-panic area lighting P5. Total for material and labour:	(P5) Surface-mounted LED luminaire for anti-panic area lighting, with minimum 0.5 lux in accordance with EN 1838. The luminaire is intended for rooms with heights from 2.2 to 7 m. Two high-power LEDs are installed inside the luminaire, with neutral white light colour of 4000 K. Lenses are made of polycarbonate. Optimal thermal management via aluminium heat sink. Luminaire with local battery supply for 3 h of anti-panic lighting in maintained or non-maintained mode, with automatic test function (auto-test). Optional central monitoring of luminaire status, as well as generation of automatic tests via DALI protocol. Luminaire status indication via status LED. NFC interface for addressing, configuration and maintenance via PROset Pen or PROset application. Addressing is also alternatively possible visually or via EZ addressing. Ambient temperature range for operation in maintained and non-maintained mode from +5°C to +30°C. The luminaire is supplied with 220–240 V AC (+/- 10%), 50–60 Hz. Luminaire input power 4.7 W with fast battery charging in maintained mode; typical connected load without battery charging: 3.2 W in maintained mode / 1.1 W in non-maintained mode. Maintained and non-maintained operating modes can be set via jumper and NFC interface. Degree of mechanical protection IP40, impact resistance IK07. The luminaire is wired with halogen-free conductors. Plug-in terminals for through-wiring up to 2.5 mm ² . The luminaire shall have CE/UKCA certification in accordance with standards ETSI EN 300 328 V2.1.1 (2016-11), EN 60598-1:2021 + A11:2022, EN 60598-2-1:2021, EN 60598-2-22:2022, EN 62493:2015, EN 55015:2019 + A11:2020, EN IEC 61000-3-2:2019 + A1:2021, EN 61000-3-3:2013 + A1:2019 + A2:2021, EN 61547:2023, ETSI EN 301 489-1 V2.2.3 (2019-11), ETSI EN 301 489-17 V3.2.4 (2020-09) and Directives 2014/53/EU Art. 3.2, 2014/53/EU Art. 3.1.a, 2014/53/EU	Pcs	27

		Art. 3.1.b, 2009/125/EC, 2011/65/EU; ENEC certification in accordance with standards EN IEC 60598-1:2021, EN IEC 60598-1:2021/A11:2022, EN IEC 60598-2-22:2022, EN IEC 60598-2-24:2013, as well as a 5-year manufacturer's warranty. The luminaire housing is made of high-pressure die-cast aluminium, sandblasted and painted white, approximately RAL 9016. Dimensions 146 × 146 × 35 mm, weight 0.65 kg. The luminaire shall be supplied complete with light source and all necessary operating equipment.		
3.34	Procurement, delivery and installation of surface-mounted LED luminaire for escape route lighting P6. Total for material and labour:	P6) Surface-mounted LED luminaire for escape route lighting, with minimum 1 lux in accordance with EN 1838. The luminaire is intended for rooms with heights from 2.2 to 7 m. Two high-power LEDs are installed inside the luminaire, with neutral white light colour of 4000 K. Lenses are made of polycarbonate. Optimal thermal management via aluminium heat sink. Luminaire with local battery supply for 3 h of anti-panic lighting in maintained or non-maintained mode, with automatic test function (auto-test). Optional central monitoring of luminaire status, as well as generation of automatic tests via DALI protocol. Luminaire status indication via status LED. NFC interface for addressing, configuration and maintenance via PROset Pen or PROset application. Addressing is also alternatively possible visually or via EZ addressing. Ambient temperature range for operation in maintained and non-maintained mode from +5°C to +30°C. The luminaire is supplied with 220–240 V AC (+/- 10%), 50–60 Hz. Luminaire input power 4.7 W with fast battery charging in maintained mode; typical connected load without battery charging: 3.2 W in maintained mode / 1.1 W in non-maintained mode. Maintained and non-maintained operating modes can be set via jumper and NFC interface. Degree of mechanical protection IP40, impact resistance IK04. The luminaire is wired with halogen-free conductors. Plug-in terminals for through-wiring up to 2.5 mm ² . The luminaire shall have CE/UKCA certification in accordance with standards ETSI EN 300 328 V2.1.1 (2016-11), EN 60598-1:2021 + A11:2022, EN 60598-2-1:2021, EN 60598-2-22:2022, EN 62493:2015, EN 55015:2019 + A11:2020, EN IEC 61000-3-2:2019 + A1:2021, EN 61000-3-3:2013 + A1:2019 + A2:2021, EN 61547:2023, ETSI EN 301 489-1 V2.2.3 (2019-11), ETSI EN 301 489-17 V3.2.4 (2020-09) and Directives 2014/53/EU Art. 3.2, 2014/53/EU Art. 3.1.a, 2014/53/EU Art. 3.1.b, 2009/125/EC, 2011/65/EU; ENEC certification	Pcs	3

		in accordance with standards EN IEC 60598-1:2021, EN IEC 60598-1:2021/A11:2022, EN IEC 60598-2-22:2022, EN IEC 60598-2-24:2013, as well as a 5-year manufacturer's warranty. The luminaire housing is made of high-pressure die-cast aluminium, sandblasted and painted white, approximately RAL 9016. Dimensions 146 × 146 × 35 mm, weight 0.65 kg. The luminaire shall be supplied complete with light source and all necessary operating equipment.		
3.35	Procurement, delivery and installation of LED emergency safety luminaire for surface-mounted, wall and ceiling installation P7. Total for material and labour:	(P7) LED emergency safety luminaire for surface-mounted, wall or ceiling installation. Luminaire input power 4.4 W. Simple "click" installation after mounting of the base housing. Quick terminal connection, wiring up to 2.5 mm ² possible. Stand-alone luminaire with integrated LiFePO ₄ battery. Emergency operating time can be selected via jumper for 1 h or 3 h. Centralised monitoring via connected compatible DALI-2 controller; if not connected, automatic test with luminaire status indication via status LED. Supplied with a set of signs — left, right, up, down and blank — for viewing from a maximum distance of 30 m, single-sided or double-sided view, with luminance > 500 cd/m ² in the white area. Ambient temperature range for operation in maintained and non-maintained mode from 0°C to +40°C. The luminaire is supplied with 220–240 V AC (+/- 10%), 50–60 Hz. Degree of protection IP40, impact resistance IK03, protection class SC2. The luminaire shall have CE/UKCA certification in accordance with standards EN 62031:2008 + A1:2013 + A2:2015, EN IEC 60598-1:2021, EN IEC 60598-2-22:2022, EN 55015:2019 + A11:2020, EN 61000-3-3:2013 + A1:2019, EN 61547:2009, EN IEC 61000-3-2:2019 + A1:2021, EN 62493:2015 and Directives 2014/35/EU, 2014/30/EU, 2014/34/EU. The luminaire housing is made of polycarbonate in white colour, similar to RAL 9016. Dimensions 330 × 129 × 45 mm, weight 0.6 kg. The luminaire shall be supplied complete with light source and all necessary operating equipment.	Pcs	79
3.36	Procurement, delivery and installation of LED emergency safety luminaire P8. Total for material and labour:	P8) LED emergency safety luminaire for tool-free installation on a trunking system. Luminaire input power 4.4 W. Simple "click" installation after mounting of the base housing. Quick terminal connection, wiring up to 2.5 mm ² possible. Stand-alone luminaire with integrated LiFePO ₄ battery. Emergency operating time can be selected via jumper for 1 h or 3 h. Centralised monitoring via connected compatible DALI-2 controller; if not connected, automatic test with luminaire status	Pcs	37

		<p>indication via status LED. Supplied with a set of signs — left, right, up, down and blank — for viewing from a maximum distance of 30 m, single-sided or double-sided view, with luminance > 500 cd/m² in the white area. Ambient temperature range for operation in maintained and non-maintained mode from 0°C to +40°C. The luminaire is supplied with 220–240 V AC (+/- 10%), 50–60 Hz. Degree of protection IP40, impact resistance IK03, protection class SC2. The luminaire shall have CE/UKCA certification in accordance with standards EN 62031:2008 + A1:2013 + A2:2015, EN IEC 60598-1:2021, EN IEC 60598-2-22:2022, EN 55015:2019 + A11:2020, EN 61000-3-3:2013 + A1:2019, EN 61547:2009, EN IEC 61000-3-2:2019 + A1:2021, EN 62493:2015 and Directives 2014/35/EU, 2014/30/EU, 2014/34/EU. The luminaire housing is made of polycarbonate in white colour, similar to RAL 9016. Dimensions 330 × 129 × 45 mm, weight 0.6 kg. The luminaire shall be supplied complete with light source and all necessary operating equipment.</p>		
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Modification No. 3

Referring to the Tender Dossier, Part 1, Section IV – Bill of Quantities, a new worksheet titled “Outdoor Sport” should be added between the “2.9.4 Solar Panel” and “Recapitulation” sheets. The worksheet should include the content provided below. The “Recapitulation” sheet will be revised accordingly.

ATHLETIC TRACK						
	Description of the subject of procurement	Essential characteristics of the subject of procurement	Quantity	Unit of measure	Unit price	Total
	Supply and installation of an athletic track system on concrete base, in accordance with the instructions below.	Supply and installation of an athletic track system on concrete base, in accordance with the instructions below. The base must be prepared in accordance with World Athletics standards. A new asphalt base must cure for a minimum of 14 days, while a new concrete base must cure for at least 6 weeks. The finished base must be firm, smooth, and even. It must not deviate more than 4 mm over a 4 m				

	<p>distance in any direction, and must be executed with a slope for drainage $\leq 1\%$, or in accordance with the requirements of the specific sport. Water ponding after saturation must not exceed 1 mm in depth. On such a prepared base, and under suitable weather conditions ($18^{\circ}\text{C} - 25^{\circ}\text{C}$, dry weather), the athletic track system shall be installed in the following layers:</p> <p>Two-component polyurethane adhesive, as recommended by the manufacturer rubber rolls, 10 mm thick – material made of recycled rubber fibers and polyurethane binder, free of heavy metals and without thickness deviations</p> <p>Two-component polyurethane pore-sealing layer (consumption $0.4 - 0.5 \text{ kg/m}^2$)</p> <p>Self-leveling base layer (consumption 2.1 kg/m^2)</p> <p>EPDM granule layer – manually applied onto the wet base layer to a total thickness of 4 mm (consumption 3.5 kg/m^2). The total system thickness is 14 mm. The system must have a World Athletics certificate. The surface color shall be selected by the designer in accordance with the manufacturer's color range. Installation must be carried out by an authorized installer.</p>				
	<p>LINE MARKING</p> <p>Line marking shall be carried out using polyurethane paint in accordance with the requirements of the sport. After marking, no activities are permitted on the surface for a period of 48 hours.</p>	702.35	m2	0	0

		Total area of ATHLETIC TRACK – 702.35m ²				
		In addition to this we need to add concrete base for athletic track which is 702.35x0.10	70.23	cubic meter	0	0

SPORT COURTS						
	Description of the subject of procurement	Essential characteristics of the subject of procurement	Quantity	Unit of measure	Unit price	Total
		2) SPORT COURTS Supply, transport, and installation of a multifunctional sports surface made of UV-stabilized polypropylene copolymer, in tiles measuring 30.5 × 30.5 × 1.93 cm, installed using an interlocking click system. The surface is designed to prevent excessive slipping, even in rainy conditions. It allows for quick installation, dismantling, and relocation to another site.				
		Measurement shall be per m ² of installed surface, including line marking. Dimensions: 30.5 cm × 30.5 cm Double grid structure Weight: 333 g / tile Thickness: 1.93 cm	930.25	m ²	0.00	0.00
		Thickness: 1.93 cm Surface friction: EN 13036 – 103/40 Ball rebound: EN 12235 – 104 Surface abrasion: 39%				
		Head injury criterion: ASTM F1292 – 0.77 m Shock absorption: EN 14808 – 16.7% Valid DoP Made of polypropylene Has a valid DoP and CE marking Approved by the following				

		international sports federations: FIVB IHF FIBA FIBA 3x3 supplier certificate ITF Category 4. Total area of Sport courts is 1018.13m2				
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Modification No. 4

Referring to the Tender Dossier, Part 1, Section IV – Bill of Quantities, ARCHITECTURE-OBJECT, sheet Floor laying, section 3 Stone Carpet:

3 STONE CARPET						
	Description of the subject of procurement	Essential characteristics of the subject of procurement	Quantity	Unit of measure	Unit price	Total
	Procurement of materials, transport and installation of stone carpet.	Procurement of materials, transportation and installation of the stone carpet on the terrace of the first floor and on the terraces of the two side pavilions. Preparation of works - It is checked whether the existing concrete slab is stable, without cracks, damage or large unevenness. If there are damages, they are repaired. Surface cleaning: The surface is thoroughly cleaned of dust, grease, oil and other impurities.				
		In case of presence of moisture, wait for the substrate to dry completely. Grinding (if necessary): For better receptivity of the substrate, the surface is lightly sanded. Primer application: A suitable epoxy or polyurethane primer is applied to a clean and dry surface, in one layer, for better adhesion of the stone carpet. 2. Waterproofing If the terrace is not previously waterproofed or there are problems with water leakage, a waterproofing coating or membrane is applied in accordance with the				

		requirements of the building (polyurethane or cement waterproofing).				
		3. Making a stone carpet Material: Natural decorative quartz or marble aggregate (fraction 2-4 mm or optional), combined with transparent epoxy or polyurethane resin. Mixing: The decorative stone is thoroughly mixed with the resin in the prescribed proportions, according to the manufacturer's instructions. Application: The mixture is applied evenly to the substrate using a stainless steel trowel, in a layer usually 8 to 10 mm thick.				
		Finishing: The surface is additionally leveled and sealed, in order to obtain a uniform structure without voids and bubbles. 4. Sealing (optional) If desired, after drying, a transparent protective coating (sealer) can be applied for additional protection against UV rays, stains and moisture.				
		It is recommended in places exposed to a lot of rainfall and sunlight. 5. Drying and use The surface must not be loaded min. 24–48 hours, depending on temperature and humidity. Complete hardening of the mixture is achieved after 5-7 days. Note The work is carried out at external temperatures between 10°C and 30°C, without precipitation and direct sunlight. It is mandatory to use personal protective equipment (gloves, masks, glasses). Use of materials exclusively according to technical data sheets and manufacturer's instructions.				

	Stone carpet on the terrace of the first floor and on the terraces of the two side pavilions R01, 1 cm thick	729.68+216.74+236.17	1,182.6	m2	0.00	0.00
	Procurement, machining and cladding of treads and stair fronts	Procurement, machining and coating of treads and fronts of stairs with epoxy stone carpet, 1 cm thick for treads and 1 cm for fronts. Place the slabs of the tread in a cement mortar ratio of 1:3, and apply a layer of stone carpet to the front slabs. Calculation per m2.				
	stone carpet on the external staircase to the basement - Treads	50.2	50.2	m2	0.00	0.00
	stone carpet on the external staircase to the basement - Chelo	4.3*4.91	21.1	m2	0.0	0.0

is amended to read as follows:

3 STONE CARPET						
	Description of the subject of procurement	Essential characteristics of the subject of procurement	Quantity	Unit of measure	Unit price	Total
	Procurement of materials, transport and installation of stone carpet.	Procurement of materials, transportation and installation of the stone carpet on the terrace of the first floor and on the terraces of the two side pavilions. Preparation of works - It is checked whether the existing concrete slab is stable, without cracks, damage or large unevenness. If there are damages, they are repaired. Surface cleaning: The surface is thoroughly cleaned of dust, grease, oil and other impurities.				
		In case of presence of moisture, wait for the substrate to dry completely. Grinding (if necessary): For better receptivity of the substrate, the surface is lightly sanded. Primer				

		<p>application: A suitable epoxy or polyurethane primer is applied to a clean and dry surface, in one layer, for better adhesion of the stone carpet.</p> <p>2. Waterproofing If the terrace is not previously waterproofed or there are problems with water leakage, a waterproofing coating or membrane is applied in accordance with the requirements of the building (polyurethane or cement waterproofing).</p>				
		<p>3. Making a stone carpet</p> <p>Material: Natural decorative quartz or marble aggregate (fraction 2-4 mm or optional), combined with transparent epoxy or polyurethane resin.</p> <p>Mixing: The decorative stone is thoroughly mixed with the resin in the prescribed proportions, according to the manufacturer's instructions.</p> <p>Application: The mixture is applied evenly to the substrate using a stainless steel trowel, in a layer usually 8 to 10 mm thick.</p>				
		<p>Finishing: The surface is additionally leveled and sealed, in order to obtain a uniform structure without voids and bubbles.</p> <p>4. Sealing (optional) If desired, after drying, a transparent protective coating (sealer) can be applied for additional protection against UV rays, stains and moisture.</p>				
		<p>It is recommended in places exposed to a lot of rainfall and sunlight.</p> <p>5. Drying and use The surface must not be loaded min. 24-48 hours, depending on temperature and humidity. Complete hardening of the mixture is achieved after 5-7 days. Note The work is carried</p>				

		out at external temperatures between 10°C and 30°C, without precipitation and direct sunlight. It is mandatory to use personal protective equipment (gloves, masks, glasses). Use of materials exclusively according to technical data sheets and manufacturer's instructions.				
	Stone carpet on the terrace of the first floor and on the terraces of the two side pavilions R01, 1 cm thick	729.68+216.74+236.17	1,182.6	m2	0.00	0.00
	Procurement, machining and cladding of treads and stair fronts	Procurement, machining and coating of treads and fronts of stairs with epoxy stone carpet, 1 cm thick for treads and 1 cm for fronts. Place the slabs of the tread in a cement mortar ratio of 1:3, and apply a layer of stone carpet to the front slabs. Calculation per m2.				
	stone carpet on the external staircase to the basement - Treads	50.2	50.2	m2	0.00	0.00
	stone carpet on the external staircase to the basement - Chelo	4.3*4.91	21.1	m2	0.0	0.0
	Stone carpet around object		2,700	m2	0.0	0.0

Modification No. 5

Referring to the Tender Dossier, Part 1, Section IV – Bill of Quantities, ARCHITECTURE-OBJECT, sheet Floor laying, section 4 Tactile surfaces:

4	TACTILE SURFACES					
	Description of the subject of procurement	Essential characteristics of the subject of procurement	Quantity	Unit of measure	Unit price	Total
	Tactile guide lines and plugs	Tactile fields Procurement and installation of individual elements of tactile surfaces: tactile plugs and lines (guides) for making strips 40 cm wide, for access by blind and				

		partially sighted people. The elements have a structured surface treatment, pins on the back and anti-slip R10. Tactile surfaces are made so that guides and plugs are arranged in a line of 4 pcs. Calculation per m' (40cm x 1m) for the guide line and a piece for the warning field (40 x 40cm). Item includes all labor and materials, right up to full functionality. Installation by drilling into the substrate and gluing, all according to the executed project.				
	Tactile fields	106.12+20.51+88.91+4.74+54.68+19.22+5.6+10.4+2.54+7.8+1.05*15+7.75+2.31*6+1.73+1.73+0.72+0.8+2.79+1.25+0.6+2.3+0.76+2.3+23.5+1.05+1.05+2.48+2.5*3+2.3+15.15+24.85+2.3+30.71+2.3+83.45+10.5+27.1+2+165.18	774.3	m2	0.00	0.00
	Tactile strips on the staircase	Supply and installation of PVC floor covering. On the finely prepared masonry steps, with the metal edge profile already installed, place the leveling compound in a thickness of 1 to 2 mm, on a dry, firm and level surface.				
		The permissible limit values of unevenness of the finished substrate are 2m - 7mm, 0.20m - 2mm, and the permissible thickness of the screed is 2% CM. A flexible PVC floor covering, permanently antistatic, with antibacterial and fungicidal treatment, and a built-in anti-slip element for the stairs, in the color of the designer's choice, is laid on the base prepared in this way. At the junction of the front and tread in the inner corner, install a type profile in the color chosen by the designer.				
		<ul style="list-style-type: none"> • strips 100 cm wide and 20 m long, thickness 3.45 mm, supporting layer 1 mm, total weight 3005 gr/m2 • fire resistance according to EN 13501-1:2010 - Bfl-s1 • Class according to EN ISO 1084 - 34-42 • electrical resistance EN 1815:2004 < 2 kV • resistance to abrasion, 660.2 - equal to or less than 2.0 mm³ • wear group according to NF 189- T • Dimensional stability - according to EN ISO 23999 equal to or less than 0.40 % 				

		<ul style="list-style-type: none"> • Anti-slip (ramp test with oil) according to DIN 51130 - R10 • thermal conductivity according to EN ISO 10456 - W 0.25 • color fastness according to EN ISO 20105-B02 ≥ 6 • sound insulation EN ISO 717-2- dB 17 • antibacterial activity (e.coli-S.aureus-MRSA) ISO 22196 >99% prevents growth • antiviral activity (human coronavirus 229E) >99.3% after 2h • completely glued with glue according to the glue manufacturer's recommendation (350-400 gr/m²) • tape edges cut and cut for hot welding with an electrode in the color chosen by the designer 				
		2.9*24*2+2.9*24*2+2.3*24	333.6	m1	0.00	0.00
	Relief orientation plan in Braille	ROP is made from durable composite materials such as metal alloys to be resistant to abrasion, water, hygiene agents and external weather conditions. The ROP is placed horizontally, on a stand at an angle of 15° at a height of 90-120 cm from the bottom edge of the plan.				
		The size of the ROP depends on the amount of data and the specific space. The relief sketch is made on a scale of 1:100 with numbers, legend and inscriptions in Braille. Convex drawings and text are 0.75-1.00 mm high in relation to the base of the plate. Relief Orientation Plan in Braille Dimensions (LxWxH): 80 x 60 cm				
		1	1.0	pcs.	0.00	0.00
	Tactile signs with Braille on the door	Tacta Braille door signs are made of metal plates, engraved with the room number, name and purpose of the room, in classic and Braille. Engraved tiles have a raw metal surface color and as such acquire a dark oxidation patina over time.				
		For this reason, the tiles are subsequently varnished with two-component high-quality varnishes (silver, gold, white...) depending on the interior, and they can have a glossy or matte surface. Tactile signs with Braille for doors made and processed in this way meet very high aesthetic standards, as well as a complete information function for the blind, partially sighted and people with normal vision.				

		Format approx. 16x3cm, They are placed on the door. Each tile is glued with double-sided adhesive 3M assembly tape of exceptional strength, resistance and stability in exploitation. They are mounted simply by removing the protective film from the assembly tape, gluing it to the cleaned and degreased door surface.				
		14+22+18+14	68.0	who	0.00	0.00

is amended to read as follows:

4 TACTILE SURFACES						
	Description of the subject of procurement	Essential characteristics of the subject of procurement	Quantity	Unit of measure	Unit price	Total
	Tactile guide lines and plugs	Tactile fields Procurement and installation of individual elements of tactile surfaces: tactile plugs and lines (guides) for making strips 40 cm wide, for access by blind and partially sighted people. The elements have a structured surface treatment, pins on the back and anti-slip R10. Tactile surfaces are made so that guides and plugs are arranged in a line of 4 pcs. Calculation per m' (40cm x 1m) for the guide line and a piece for the warning field (40 x 40cm). Item includes all labor and materials, right up to full functionality. Installation by drilling into the substrate and gluing, all according to the executed project.				
	Tactile fields	106.12+20.51+88.91+4.74+54.68+19.22+5.6+10.4+2.54+7.8+1.05*15+7.75+2.31*6+1.73+1.73+0.72+0.8+2.79+1.25+0.6+2.3+0.76+2.3+23.5+1.05+1.05+2.48+2.5*3+2.3+15.15+24.85+2.3+30.71+2.3+83.45+10.5+27.1+2+165.18	774.3	m2	0.00	0.00
	Tactile strips on the staircase	Supply and installation of PVC floor covering. On the finely prepared masonry steps, with the metal edge profile already installed, place the leveling compound in a thickness of 1 to 2 mm, on a dry, firm and level surface.				
		The permissible limit values of unevenness of the finished substrate are 2m - 7mm, 0.20m - 2mm, and the permissible thickness of the screed is 2% CM. A flexible PVC floor				

		covering, permanently antistatic, with antibacterial and fungicidal treatment, and a built-in anti-slip element for the stairs, in the color of the designer's choice, is laid on the base prepared in this way. At the junction of the front and tread in the inner corner, install a type profile in the color chosen by the designer.				
		<ul style="list-style-type: none"> • strips 100 cm wide and 20 m long, thickness 3.45 mm, supporting layer 1 mm, total weight 3005 gr/m² • fire resistance according to EN 13501-1:2010 - Bfl-s1 • Class according to EN ISO 1084 - 34-42 • electrical resistance EN 1815:2004 < 2 kV • resistance to abrasion, 660.2 - equal to or less than 2.0 mm³ • wear group according to NF 189- T • Dimensional stability - according to EN ISO 23999 equal to or less than 0.40 % 				
		<ul style="list-style-type: none"> • Anti-slip (ramp test with oil) according to DIN 51130 - R10 • thermal conductivity according to EN ISO 10456 - W 0.25 • color fastness according to EN ISO 20105-B02 ≥ 6 • sound insulation EN ISO 717-2- dB 17 • antibacterial activity (e.coli-S.aureus-MRSA) ISO 22196 >99% prevents growth • antiviral activity (human coronavirus 229E) >99.3% after 2h • completely glued with glue according to the glue manufacturer's recommendation (350-400 gr/m²) • tape edges cut and cut for hot welding with an electrode in the color chosen by the designer 				
		2.9*24*2+2.9*24*2+2.3*24	333.6	m1	0.00	0.00
	Relief orientation plan in Braille	ROP is made from durable composite materials such as metal alloys to be resistant to abrasion, water, hygiene agents and external weather conditions. The ROP is placed horizontally, on a stand at an angle of 15° at a height of 90-120 cm from the bottom edge of the plan.				
		The size of the ROP depends on the amount of data and the specific space. The relief sketch is made on a scale of 1:100 with numbers, legend and inscriptions in Braille. Convex drawings and text are 0.75-1.00 mm high in relation to the base of the plate.				

		Relief Orientation Plan in Braille Dimensions (LxWxH): 80 x 60 cm				
		1	1.0	pcs.	0.00	0.00
	Tactile signs with Braille on the door	Tacta Braille door signs are made of metal plates, engraved with the room number, name and purpose of the room, in classic and Braille. Engraved tiles have a raw metal surface color and as such acquire a dark oxidation patina over time.				
		For this reason, the tiles are subsequently varnished with two-component high-quality varnishes (silver, gold, white...) depending on the interior, and they can have a glossy or matte surface. Tactile signs with Braille for doors made and processed in this way meet very high aesthetic standards, as well as a complete information function for the blind, partially sighted and people with normal vision.				
		Format approx. 16x3cm, They are placed on the door. Each tile is glued with double-sided adhesive 3M assembly tape of exceptional strength, resistance and stability in exploitation. They are mounted simply by removing the protective film from the assembly tape, gluing it to the cleaned and degreased door surface.				
		14+22+18+14	68.0	who	0.00	0.00
	Tactile surfaces around object.	Total area of tactile surfaces around object – 231.00m2	231.00	m2	0	0

Modification No. 6

Referring to the Tender Dossier, Part 1, Section IV – Bill of Quantities, ARCHITECTURE-LANDSCAPE sheet, the item below should be added after the “Final Works” section and accordingly included in the recapitulation.

		Metal sheet works we are adding sheet metal spouts for drainage of water from the substation platform Ø50. The total number of spouts – 4 pcs.	4	Pcs.	0	0
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Modification No. 7

Referring to the Tender Dossier, Part 1, Section IV – Bill of Quantities, ARCHITECTURE-LANDSCAPE sheet, the item below should be added after the “Final Works” section and accordingly included in the recapitulation.

		Long jump pit at the athletic track. The thickness of the sand layer is 30 cm. Sand needs to be calculated in m3. Total calculation for sand – 18.00m3.	18	Cubic meter	0	
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Modification No. 8

Referring to the Tender Dossier, Part 1, Section IV – Bill of Quantities, 2.1 Architecture Landscape, VII Locksmith works, Items 1, Plot Fence:

1 PLOT FENCE						
	Description of the subject of procurement	Essential characteristics of the subject of procurement	Quantity	Unit of measure	Unit price	Total
	The frame of the fence is made of steel profiles with dimensions pop. section 40x40x3 mm.	The frame of the fence is made of hot-dip galvanized steel profiles with dimensions pop. section 40x40x3 mm. The filling consists of vertically placed steel bottles of the same dimensions. section 40x10 mm. They are placed at an equal axial distance of 5 cm. Coat the steel profiles with an anti-corrosive coating. All connections of the structural elements of the fence - steel profiles are made by welding. Anchor the fence into the concrete base using appropriate anchor plates and screws.				
		After connecting all the elements, the fence is taken to plasticization. After plasticization, assembly is carried out. The fence is plasticized in brown-gray color RAL 9016. Check all measurements at the building.				
	OP, size 51811/4/h100cm		518.00	m1	0.00	0.00

is amended to read as follows:

PLOT FENCE						
	Description of the subject of procurement	Essential characteristics of the subject of procurement	Quantity	Unit of measure	Unit price	Total
	The frame of the fence is made of steel profiles with dimensions pop. section 40x40x3 mm.	<p>The frame of the fence is made of hot-dip galvanized steel profiles with dimensions pop. section 40x40x3 mm. The filling consists of vertically placed steel bottles of the same dimensions. section 40x10 mm. They are placed at an equal axial distance of 5 cm.. All connections of the structural elements of the fence - steel profiles are made by welding.</p> <p>After connecting all the elements, the fence is taken to plasticization. After plasticization, assembly is carried out. The fence is plasticized in brown-gray color RAL 9016. Check all measurements at the building.</p>		m1	0.00	0.00
		All steel profiles, including both the frames and all infill elements, must be protected using a Duplex System, which consists of hot-dip galvanization followed by architectural-grade powder coating. The process begins with hot-dip galvanization of all components after fabrication and welding in accordance with EN ISO 1461 (average thickness of 55–70 microns), ensuring full protection for both external surfaces and internal cavities.				
		Following galvanization, the surfaces must undergo fine mechanical cleaning (fettling) to remove any irregularities, followed by a chemical pre-treatment (or the application of				

		a specialized epoxy primer) to act as a bonding bridge, ensuring perfect adhesion between the zinc layer and the final coating. The final treatment is the application of an architectural-grade polyester powder coating (60–80 microns) specifically designed for high UV resistance to prevent "chalking" or fading over time.				
		The powder is then thermally cured in a kiln at 180°C–200°C. This integrated system provides a synergistic effect where the powder coating protects the zinc from oxidation, while the zinc prevents steel corrosion even if the surface is mechanically damaged. The final color must be confirmed by the investor and designer via the RAL chart, and the contractor is required to provide official certifications for both the hot-dip galvanization process and the quality of the powder coating used.				
	OP	51811/4/h100cm	518.11	m1	0	0

Modification No. 9

Referring to the Tender Dossier, Part 1, Section IV – Bill of Quantities, 2.1 Architecture Landscape, VII Locksmith works, Items 2, Plot Gate:

2 PLOT GATE						
	Description of the subject of procurement	Essential characteristics of the subject of procurement	Quantity	Unit of measure	Unit price	Total
	The frame of the gate is made of steel profiles with dimensions pop. section 40x40x3 mm.	The frame of the gate is made of hot-dip galvanized steel profiles with dimensions pop. section 40x40x3 mm. The filling consists of vertically placed steel bottles of the same dimensions. section 40x10 mm. They are placed at				

		an equal axial distance of 5 cm. Coat the steel profiles with an anti-corrosive coating. All connections of the structural elements of the fence - steel profiles are made by welding. Anchor the fence into the concrete base using appropriate anchor plates and screws.				
		After connecting all the elements, the fence is taken to plasticization. After plasticization, assembly is carried out. The fence is plasticized in brown-gray color RAL 9016. Check all measurements at the building.				
	KP, size 164/4/115cm		7.00	pcs.	0.00	0.00

is amended to read as follows:

PLOT GATE						
	Description of the subject of procurement	Essential characteristics of the subject of procurement	Quantity	Unit of measure	Unit price	Total
	The frame of the gate is made of steel profiles with dimensions pop. section 40x40x3 mm.	The frame of the gate is made of hot-dip galvanized steel profiles with dimensions pop. section 40x40x3 mm. The filling consists of vertically placed steel bottles of the same dimensions. section 40x10 mm. They are placed at an equal axial distance of 5 cm. All connections of the structural elements of the fence - steel profiles are made by welding. Anchor the fence into the concrete base using appropriate anchor plates and screws. After connecting all the elements, the fence is taken to plasticization. After plasticization, assembly is carried out. The fence is plasticized in brown-gray color RAL 9016. Check all measurements at the building		m1	0.00	0.00

		All steel profiles, including both the frames and all infill elements, must be protected using a Duplex System, which consists of hot-dip galvanization followed by architectural-grade powder coating. The process begins with hot-dip galvanization of all components after fabrication and welding in accordance with EN ISO 1461 (average thickness of 55–70 microns), ensuring full protection for both external surfaces and internal cavities.				
		Following galvanization, the surfaces must undergo fine mechanical cleaning (fettling) to remove any irregularities, followed by a chemical pre-treatment (or the application of a specialized epoxy primer) to act as a bonding bridge, ensuring perfect adhesion between the zinc layer and the final coating. The final treatment is the application of an architectural-grade polyester powder coating (60–80 microns) specifically designed for high UV resistance to prevent "chalking" or fading over time.				
		The powder is then thermally cured in a kiln at 180°C–200°C. This integrated system provides a synergistic effect where the powder coating protects the zinc from oxidation, while the zinc prevents steel corrosion even if the surface is mechanically damaged. The final color must be confirmed by the investor and designer via the RAL chart, and the contractor is required to provide official certifications for both the hot-dip galvanization process and the quality of the powder coating used.				
	KP	164/4/115cm	7	psc.	0	0

Modification No. 10

Referring to the Tender Dossier, Part 1, Section IV – Bill of Quantities, 2.1 Architecture Landscape, VII Locksmith works, Items 3, Transformer station fence:

3 TRANSFORMER STATION FENCE						
	Description of the subject of procurement	Essential characteristics of the subject of procurement	Quantity	Unit of measure	Unit price	Total
	The frame of the fence is made of steel profiles with dimensions pop. section 40x40x3 mm.	Manufacture of 3D aggregate panel fence, galvanized + plasticized, frame diameter 50x200mm, color black-brown RAL 8022. Color to be additionally confirmed before manufacture in agreement with the investor. The 3D panel fence has a height of 1800mm. The 3D panel fence has a wire thickness of fi=4mm. Panel posts, with anchor plate, come in 40x40mm dimensions, they are first galvanized, and then plasticized in black-brown RAL 8022 color.				
		The pole comes with a cap on top of each pole. The position also includes a double door made of 3d panel wire welded into a 40x40mm frame, dimensions 176x175cm. The door is equipped with hardware, mechanism, hinges, cylinder, handle, keys, etc.				
	OT, size 3442/4/180cm		34.42	m1.	0.00	0.00

is amended to read as follows:

TRANSFORMER STATION FENCE						
	Description of the subject of procurement	Essential characteristics of the subject of procurement	Quantity	Unit of measure	Unit price	Total
	The frame of the gate is made of steel profiles with dimensions pop. section 40x40x3 mm.	Manufacture of 3D aggregate panel fence, galvanized + plasticized, frame diameter 50x200mm, color black-brown RAL 8022. Color to be additionally confirmed before manufacture in agreement with the investor. The 3D panel fence has a height of 1800mm. The 3D panel				

		<p>fence has a wire thickness of $\phi=4\text{mm}$. Panel posts, with anchor plate, come in 40x40mm dimensions, they are first galvanized, and then plasticized in black-brown RAL 8022 color.</p> <p>The pole comes with a cap on top of each pole. The position also includes a double door made of 3d panel wire welded into a 40x40mm frame, dimensions 176x175cm. The door is equipped with hardware, mechanism, hinges, cylinder, handle, keys, etc.</p>				
		<p>All steel profiles, including both the frames and all infill elements, must be protected using a Duplex System, which consists of hot-dip galvanization followed by architectural-grade powder coating. The process begins with hot-dip galvanization of all components after fabrication and welding in accordance with EN ISO 1461 (average thickness of 55–70 microns), ensuring full protection for both external surfaces and internal cavities.</p>				
		<p>Following galvanization, the surfaces must undergo fine mechanical cleaning (fettling) to remove any irregularities, followed by a chemical pre-treatment (or the application of a specialized epoxy primer) to act as a bonding bridge, ensuring perfect adhesion between the zinc layer and the final coating. The final treatment is the application of an architectural-grade polyester powder coating (60–80 microns) specifically designed for high UV resistance to prevent "chalking" or fading over time.</p>				
		<p>The powder is then thermally cured in a kiln at 180°C–200°C. This integrated system provides a</p>				

		synergistic effect where the powder coating protects the zinc from oxidation, while the zinc prevents steel corrosion even if the surface is mechanically damaged. The final color must be confirmed by the investor and designer via the RAL chart, and the contractor is required to provide official certifications for both the hot-dip galvanization process and the quality of the powder coating used.				
	OT	3442/4/180cm	34.42	m1	0.00	0.00

Modification No. 11

Referring to the Tender Dossier, Part 1, Section IV – Bill of Quantities, 2.1 Architecture Landscape, VII Locksmith works, Items 4, Botanical garden fence.

4 BOTANICAL GARDEN FENCE						
	Description of the subject of procurement	Essential characteristics of the subject of procurement	Quantity	Unit of measure	Unit price	Total
	The frame of the fence is made of steel profiles with dimensions pop. section 40x40x3 mm.	The frame of the fence is made of hot-dip galvanized steel profiles with dimensions pop. section 40x40x3 mm. The filling consists of vertically placed steel bottles of the same dimensions. section 40x10 mm. Coat the steel profiles with an anti-corrosive coating. They are placed at an equal axial distance of 5 cm. All connections of the structural elements of the fence - steel profiles are made by welding.				
		After connecting all the elements, the fence is taken to plasticization. After plasticization, assembly is carried out. The fence is plasticized in light gray RAL 9016. Check all measurements at the building.				
	OB, size 7535/4/100cm		75.35	m1.	0.00	0.00

is amended to read as follows:

BOTANICAL GARDEN FENCE

	Description of the subject of procurement	Essential characteristics of the subject of procurement	Quantity	Unit of measure	Unit price	Total
	<p>The frame of the fence is made of steel profiles with dimensions pop. section 40x40x3 mm.</p>	<p>The frame of the fence is made of hot-dip galvanized steel profiles with dimensions pop. section 40x40x3 mm. The filling consists of vertically placed steel bottles of the same dimensions. section 40x10 mm. Coat the steel profiles with an anti-corrosive coating. They are placed at an equal axial distance of 5 cm. All the connections of the structural elements of the fence - steel profiles are made by welding. After connecting all the elements, the fence is taken to plasticization. After plasticization, assembly is carried out. The fence is plasticized in light gray RAL 9016. Check all measurements at the facility.</p>				
		<p>All steel profiles, including both the frames and all infill elements, must be protected using a Duplex System, which consists of hot-dip galvanization followed by architectural-grade powder coating. The process begins with hot-dip galvanization of all components after fabrication and welding in accordance with EN ISO 1461 (average thickness of 55–70 microns), ensuring full protection for both external surfaces and internal cavities.</p>				
		<p>Following galvanization, the surfaces must undergo fine mechanical cleaning (fettling) to remove any irregularities, followed by a chemical pre-treatment (or the application of a specialized epoxy primer) to act as a bonding bridge, ensuring perfect adhesion between the zinc layer and the final coating. The final treatment is the application of an architectural-grade polyester powder coating (60–</p>				

		80 microns) specifically designed for high UV resistance to prevent "chalking" or fading over time.				
		The powder is then thermally cured in a kiln at 180°C–200°C. This integrated system provides a synergistic effect where the powder coating protects the zinc from oxidation, while the zinc prevents steel corrosion even if the surface is mechanically damaged. The final color must be confirmed by the investor and designer via the RAL chart, and the contractor is required to provide official certifications for both the hot-dip galvanization process and the quality of the powder coating used.				
	OB	7535/4/100cm	75,35	m1	0.00	0.00

Modification No. 12

Referring to the Tender Dossier, Part 1, Section IV – Bill of Quantities, 2.1 Architecture Landscape, VII Locksmith works, Items 5, Botanic garden gate:

5	BOTANICAL GARDEN GATE					
	Description of the subject of procurement	Essential characteristics of the subject of procurement	Quantity	Unit of measure	Unit price	Total
	The frame of the gate is made of steel profiles with dimensions pop. section 40x40x3 mm.	The frame of the gate is made of hot-dip galvanized steel profiles with dimensions pop. section 40x40x3 mm. The filling consists of vertically placed steel bottles of the same dimensions. section 40x10 mm. They are placed at an equal axial distance of 5 cm. Coat the steel profiles with an anti-corrosive coating. All connections of the structural elements of the fence - steel profiles are made by welding.				
		After connecting all the elements, the fence is taken to plasticization. After plasticization, assembly is carried out. The fence is plasticized in				

		light gray RAL 9016. Check all measurements at the building.				
	KP7, size 140/4/110cm		1.40	m1.	0.00	0.00

is amended to read as follows:

BOTANICAL GARDEN GATE						
	Description of the subject of procurement	Essential characteristics of the subject of procurement	Quantity	Unit of measure	Unit price	Total
	The frame of the gate is made of steel profiles with dimensions pop. section 40x40x3 mm.	The frame of the gate is made of hot-dip galvanized steel profiles with dimensions pop. section 40x40x3 mm. The filling consists of vertically placed steel bottles of the same dimensions. section 40x10 mm. They are placed at an equal axial distance of 5 cm. Coat the steel profiles with an anti-corrosive coating. All connections of the structural elements of the fence - steel profiles are made by welding. After connecting all the elements, the fence is taken to plasticization. After plasticization, assembly is carried out. The fence is plasticized in light gray RAL 9016. Check all measurements at the facility.				
		All steel profiles, including both the frames and all infill elements, must be protected using a Duplex System, which consists of hot-dip galvanization followed by architectural-grade powder coating. The process begins with hot-dip galvanization of all components after fabrication and welding in accordance with EN ISO 1461 (average thickness of 55–70 microns), ensuring full protection for both external surfaces and internal cavities.				
		Following galvanization, the surfaces must undergo fine mechanical cleaning (fettling) to remove any irregularities, followed by a chemical pre-treatment (or the application of a specialized epoxy primer) to act as a bonding bridge, ensuring perfect adhesion between the zinc layer and the final coating. The final				

		treatment is the application of an architectural-grade polyester powder coating (60–80 microns) specifically designed for high UV resistance to prevent "chalking" or fading over time.				
		The powder is then thermally cured in a kiln at 180°C–200°C. This integrated system provides a synergistic effect where the powder coating protects the zinc from oxidation, while the zinc prevents steel corrosion even if the surface is mechanically damaged. The final color must be confirmed by the investor and designer via the RAL chart, and the contractor is required to provide official certifications for both the hot-dip galvanization process and the quality of the powder coating used.				
	KP7	140/4/110cm	1.4	m1	0.00	0.00

Modification No. 13

Referring to the Tender Dossier, Part 1, Section IV – Bill of Quantities, 2.1 Architecture objects, X Locksmith Items 65. PVC partitions in the toilets:

65	PVC PARTITIONS IN TOILETRIES					
	Description of the subject of procurement	Essential characteristics of the subject of procurement	Quantity	Unit of measure	Unit price	Total
	PVC partitions for toilets.	PVC partitions for toilets.				
		The calculation is per piece.				
	TP, dimensions 236/134/h300cm		2.00	pcs.	0.00	0.00
	TP1, dimensions 214.5/196/h300cm		12.00	pcs.	0.00	0.00

is amended to read as follows:

65	HPL PARTITIONS IN TOILET					
	Description of the subject of procurement	Essential characteristics of the subject of procurement	Quantity	Unit of measure	Unit price	Total
	Partition walls of sanitary cabins with single-wing revolving doors are made of 13	Partition walls of sanitary cabins with single-wing revolving doors are made of 13 mm thick HPL compact plates. HPL represents				

	mm thick HPL compact plates.	the final decorative surface and requires no additional painting or lacquering. All plates feature CNC-machined edges for easier maintenance and user safety. In the upper front part, there is a supporting tube with receivers that connects the entire assembly. The panels are connected to each other and to the wall using stainless steel L-brackets. The partitions are mounted on 15 cm high stainless steel adjustable feet, which are also placed on the fixed front panels.			
		The doors are equipped with self-closing stainless steel hinges (available with a "soft close" mechanism upon request), a clothes hook, a shock absorber, a handle, and a lock with a "vacant-occupied" indicator. In case of emergency, the lock can also be opened from the outside. The doors are hung on three aluminum connectors with a brass pin. Door frames are executed in aluminum profile, finished in RAL 9003. Door infill consists of a solid core (mineral wool or MDF composite) ensuring the required acoustic performance. The color RAL 9003 must be confirmed before construction in agreement with the investor and the designer.			
		Note: All measurements are to be taken on-site. Work must be performed according to the manufacturer's workshop details, which must be previously submitted for approval to the designer and investor, and installation must follow the system manufacturer's recommendations			

		and regulations for this type of work.				
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Modification No. 14

Referring to the Tender Dossier, Part 1, Section IV – Bill of Quantities, 2.1 Architecture objects, 5.3 Steel Construction of the second floor terrace:

5.3 STEEL CONSTRUCTION OF THE SECOND FLOOR TERRACE						
	Description of the subject of procurement	Essential characteristics of the subject of procurement	Quantity	Unit of measure	Unit price	Total
	Steel construction of the terrace on the second floor.	Construction of a cantilever prefabricated steel structure in the function of the terrace of the second floor in everything according to the project documentation, static calculation, details. The construction consists of the main supports which are attached to the reinforced concrete beam G-201 via the front plate and anchors, they are placed at an axial distance of 1.30m, and secondary supports "U" cross-section HOP 80x40x3mm are placed over them. Fasteners and welding electrodes are added flat to the total weight of the structure in the amount of 3%. The calculation is per kg.				
		1076.60+1138.92	2,215.5	kg	0.00	0.00
	Making a lattice tread	horizontal supporting steel structure is placed on the formed supporting assembly in the form of a lattice tread made of sheets (sheets) 2mm thick and 30mm high, bordered on all four sides by HOP profile L 30x30x2mm. The price includes coatings. Construction and assembly of the structure must be carried out in all respects according to the prepared technical documentation and according to valid standards. Fasteners and electrodes for welding are added flat to the total weight of the structure in the amount of 3%. The calculation is per m2.				
		(1.55*2+1.41*32+1.55*2+1.41*34)*1.03	102.2	m2	0.00	0.00

is amended to read as follows:

5.3 STEEL CONSTRUCTION OF THE SECOND FLOOR TERRACE						
	Steel construction of the terrace on the second floor.	Construction of a cantilever prefabricated steel structure in the function of the terrace of the second floor in everything according to the project documentation, static calculation, details. The construction consists of the main supports which are attached to the reinforced concrete beam G-201 via the front plate and anchors, they are placed at an axial distance of 1.30m, and secondary supports "U" cross-section HOP 80x40x3mm are placed over them. Fasteners and welding electrodes are added flat to the total weight of the structure in the amount of 3%. The calculation is per kg.				
		1076.60+1138.92	2,215.5	kg	0.00	0.00
	Making a lattice tread	horizontal supporting steel structure is placed on the formed supporting assembly in the form of a lattice tread made of sheets (sheets) 2mm thick and 30mm high, bordered on all four sides by HOP profile L 30x30x2mm. The price includes coatings. Construction and assembly of the structure must be carried out in all respects according to the prepared technical documentation and according to valid standards. Fasteners and electrodes for welding are added flat to the total weight of the structure in the amount of 3%. The calculation is per m2. $(1.55*2+1.41*32+1.55*2+1.41*34)*1.03$	102.2	m2	0	0

Modification No. 15

Referring to the Tender Dossier, Part 1, Section IV – Bill of Quantities, 2.1 Architecture objects, VIII Facade locksmith, item 46: SEMI-STRUCTURAL FAÇADE.

46 SEMI-STRUCTURAL FAÇADE						
	Description of the subject of procurement	Essential characteristics of the subject of procurement	Quantity	Unit of measure	Unit price	Total
	Fixed window made of aluminum profiles with thermal break.	Facade construction curtain wall made of facade aluminum profiles. The visible width of the profile of the column and bolt is 50				

	<p>mm. The column and bolt are of the same depth with a minimal technological difference of max. 1 mm. Choose the required depth of the profile based on the static analysis of the load and grid. Structural joints with a width of 20 mm are visible on the outside of the structure. All structures for windows and doors can be integrated into the facade structure.</p>				
	<p>Technical characteristics of the curtain wall according to EN 13830: Air permeability EN12152: class AE (>600 Pa) Water tightness EN12154: RE 1200 (1200 Pa) Wind pressure resistance EN 13116: 2000 / -2500 Pa Thermal conductivity of profile EN 10077-2: Uf 1.0 - 2.3 W/m²K. The profile is protected by the plasticization process in the color RAL 7035. The quality of the plasticization is proven by the QUALICOAT or GSB certificates.</p>				
	<p>Fittings tested in the profile system, with opening according to the given scheme. The color of fittings and handles is RAL 7035. The fittings are corrosion resistant class 5. The fittings must have a guarantee of at least 5 years. The glass is enameled around the perimeter. The position is glazed with double thermal insulating glass type 8 mm toughened + 14 mm + 33.2 mm (28 mm), U_g=1 W/m²K with a pvc spacer for glass with improved thermal characteristics. The glasses must meet the solar energy transmittance factor (solar factor) g=40%</p>				
	<p>Dimension the required thickness of the glass depending on the size of the opening, exposure to influences and required sound insulation. The maximum thickness of the glass is 54 mm. Fixed fields in the upper zone of the curtain wall should be equipped with reflective foil. External reflection ≥80%, UV protection ≥99%, thickness min. 50 microns, resistant to moisture and UV radiation. Windows/doors with semi-opening are integrated into the facade. Window opening is manual. Installation of facade profiles is done by means of system aluminum or specially designed steel galvanized anchor plates.</p>				

		All steel parts of the construction should be hot-dip galvanized (anti-corrosion protection class C3). During installation, avoid direct contact with steel and aluminum. All steel elements and other elements for fixing the position, cladding elements, as well as the material for hydro insulation are an integral part of the position. The assembly should be carried out according to the "RAL" assembly system with the mandatory application of all elements that are provided for the same. The total heat transfer coefficient for the entire position must be $U_w=1.1 - 1.5 \text{ W/m}^2/\text{K}$ (prove by calculation and attach evidence).				
		The manufacturer is obliged to define the method of installation with workshop drawings, on which he is obliged to obtain the consent of the client, i.e. the designer. When creating and assembling the position, follow all the recommendations of the profile manufacturer. The contractor is obliged to submit attestation documentation in accordance with EN standards.				
	ZZ6. dim.1316/774cm	$13.16*7.74=101.86\text{m}^2$ $\times 270\text{€}=27,502.20\text{€}$	1.00	pcs.	0.00	0.00

is amended to read as follows:

46	STANDARD ALUMINUM CURTAIN WALL				
	The curtain wall facade is constructed using aluminum facade profiles (mullion and transom system).	The curtain wall facade is constructed using aluminum facade profiles (mullion and transom system). The visible width of mullion and transom profiles, including the external pressure caps, is 50 mm. Mullion and transom profiles are of the same depth, with a minimal technological difference of max. 1 mm. The required profile depth must be selected based on a static load analysis and grid layout. From the exterior, the glass panels are secured with visible aluminum cover profiles (pressure caps). All types of window and door systems can be integrated into the facade construction. Technical characteristics of the curtain wall according to EN 13830: Air permeability EN12152: class AE (>600 Pa) Water tightness EN12154: RE 1200 (1200 Pa) Wind pressure resistance EN 13116: 2000 / -2500 Pa Thermal conductivity of profile EN 10077-2: $U_f 1.0 - 2.3 \text{ W/m}^2\text{K}$. The profile is protected by the	Pcs	523	

	<p>plasticization process in the color RAL 7035. The quality of the plasticization is proven by the QUALICOAT or GSB certificates. The profile is protected with a powder coating in RAL 7035 color. The quality of the coating must be proven with QUALICOAT or GSB certificates. Fittings are tested within the profile system and must comply with the designated opening scheme. Fittings and handle color: RAL 7035. Fittings must be corrosion-resistant, class 5, and must carry a minimum 5-year warranty. Glass must be held using system elements along its full perimeter. Double thermal insulation glass, type: 8 mm tempered + 14 mm + 33.2 mm (total 28 mm), $U_g = 1 \text{ W/m}^2\text{K}$, equipped with a PVC spacer with improved thermal characteristics. The solar factor (g-value) must be $g = 40\%$. The required glass thickness must be sized based on the opening size, exposure conditions, and acoustic insulation requirements. Maximum glass thickness: 54 mm. Fixed panels in the upper zone of the curtain wall must be equipped with reflective film to ensure visual opacity of the suspended ceiling zone and hide interior installations: External reflection $\geq 80\%$, UV protection $\geq 99\%$, minimum thickness: 50 microns, moisture and UV resistant. Windows/doors with opening mechanisms according to the scheme are integrated into the facade. Window operation is manual. The installation of facade profiles is carried out using system aluminum or specially designed galvanized steel anchor plates. All steel parts of the construction must be hot-dip galvanized (corrosion protection class C3). Direct contact between steel and aluminum must be avoided during installation. All steel elements and other components for fixing the position, cladding elements, and waterproofing materials are integral parts of the system. Installation must be performed according to the "RAL" installation system, applying all specified elements. The overall thermal transmittance coefficient for the entire unit must be $U_w = 1.1 - 1.5 \text{ W/m}^2\text{K}$ (must be proven by calculation and submitted with evidence). Note: The manufacturer is required to define the installation method through workshop drawings, which must be approved by the client or designer. During manufacturing and installation, all recommendations provided by the profile manufacturer must be followed. The contractor is obliged to submit test documentation in accordance with EN standards.</p>	
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Modification No. 16

Referring to the Tender Dossier, Part 1, Section IV – Bill of Quantities, 2.1 Architecture objects, VIII Facade locksmith, item 41: SEMI-STRUCTURAL FAÇADE.

41	SEMI-STRUCTURAL FACADE					
Description of the subject of procurement	Essential characteristics of the subject of procurement	Quantity	Unit of measure	Unit price	Total	
Fixed window made of aluminum profiles with thermal break.	<p>Facade construction curtain wall made of facade aluminum profiles. The visible width of the profile of the column and bolt is 50 mm. The column and bolt are of the same depth with a minimal technological difference of max. 1 mm. Choose the required depth of the profile based on the static analysis of the load and grid. Structural joints with a width of 20 mm are visible on the outside of the structure. All structures for windows and doors can be integrated into the facade structure.</p>					
	<p>Technical characteristics of the curtain wall according to EN 13830: Air permeability EN12152: class AE (>600 Pa) Water tightness EN12154: RE 1200 (1200 Pa) Wind pressure resistance EN 13116: 2000 / -2500 Pa Thermal conductivity of profile EN 10077-2: Uf 1.0 - 2.3 W/m²K. The profile is protected by the plasticization process in the color RAL 7035. The quality of the plasticization is proven by the QUALICOAT or GSB certificates.</p>					
	<p>Fittings tested in the profile system, with opening according to the given scheme. The color of fittings and handles is RAL 7035. The fittings are corrosion resistant class 5. The fittings must have a guarantee of at least 5 years. The glass is enameled around the perimeter. The position is glazed with double thermal insulating glass type 8 mm toughened + 14 mm + 33.2 mm (28 mm), U_g=1 W/m²K with a pvc spacer for glass with improved thermal characteristics. The glasses must meet the solar energy transmittance factor (solar factor) g=40%</p>					
	<p>Dimension the required thickness of the glass depending on the size of the opening, exposure to influences and required sound insulation. The maximum thickness of the glass is 54 mm. Fixed fields in the upper zone of the curtain wall should be equipped with reflective foil. External reflection ≥80%, UV protection ≥99%, thickness min. 50 microns, resistant to moisture and UV radiation. Windows/doors with semi-opening are integrated into the facade. Window opening is manual. Installation of facade profiles is done by means of system aluminum or specially designed steel galvanized anchor plates.</p>					

		All steel parts of the construction should be hot-dip galvanized (anti-corrosion protection class C3). During installation, avoid direct contact with steel and aluminum. All steel elements and other elements for fixing the position, cladding elements, as well as the material for hydro insulation are an integral part of the position. The assembly should be carried out according to the "RAL" assembly system with the mandatory application of all elements that are provided for the same. The total heat transfer coefficient for the entire position must be $U_w=1.1 - 1.5 \text{ W/m}^2/\text{K}$ (prove by calculation and attach evidence).				
		The manufacturer is obliged to define the method of installation with workshop drawings, on which he is obliged to obtain the consent of the client, i.e. the designer. When creating and assembling the position, follow all the recommendations of the profile manufacturer. The contractor is obliged to submit attestation documentation in accordance with EN standards.				
	ZZ1. size 546/374cm	$5.46 \times 3.74 = 20.42 \text{m}^2 \times 270 \text{€} = 5,513.40 \text{€}$	1.00	pcs.	0.00	0.00

is amended to read as follows:

41 STANDARD ALUMINUM CURTAIN WALL			
The curtain wall facade is constructed using aluminium facade profiles (mullion and transom system).	The curtain wall facade is constructed using aluminum facade profiles (mullion and transom system). The visible width of mullion and transom profiles, including the external pressure caps, is 50 mm. Mullion and transom profiles are of the same depth, with a minimal technological difference of max. 1 mm. The required profile depth must be selected based on a static load analysis and grid layout. From the exterior, the glass panels are secured with visible aluminum cover profiles. All types of window and door systems can be integrated into the facade construction. Technical characteristics of the curtain wall in accordance with EN 13830: Air permeability EN 12152: Class AE (>600 Pa) Water tightness EN 12154: RE 1200 (1200 Pa) Wind load resistance EN 13116: 2000 / -2500 Pa Thermal transmittance of profiles EN 10077-2: $U_f 1.0 - 2.3 \text{ W/m}^2\text{K}$. The profile is protected with a powder coating in RAL 7035 color. The quality of the coating must be proven with QUALICOAT or GSB certificates. Fittings are tested within the profile system and must comply with the designated opening scheme. Fittings and handle color: RAL 7035. Fittings must be corrosion-resistant, class 5, and must carry a minimum 5-year	Pcs	523

		<p>warranty. Glass must be held using system elements along its full perimeter. Glazing details: Double thermal insulation glass, type: 8 mm tempered + 14 mm + 33.2 mm (total 28 mm), Thermal transmittance $U_g = 1 \text{ W/m}^2\text{K}$, equipped with a PVC spacer with improved thermal characteristics. The solar factor (g-value) must be $g = 40\%$. The required glass thickness must be sized based on the opening size, exposure conditions, and acoustic insulation requirements. Maximum glass thickness: 54 mm. Fixed panels in the upper zone of the curtain wall must be equipped with reflective film: External reflection $\geq 80\%$, UV protection $\geq 99\%$, minimum thickness: 50 microns, moisture and UV resistant. Windows/doors with opening mechanisms according to the scheme are integrated into the facade. Window operation is manual. The installation of facade profiles is carried out using system aluminum or specially designed galvanized steel anchor plates. All steel parts of the construction must be hot-dip galvanized (corrosion protection class C3). Direct contact between steel and aluminum must be avoided during installation. All steel elements and other components for fixing the position, cladding elements, and waterproofing materials are integral parts of the system. Installation must be performed according to the "RAL" installation system, applying all specified elements. The overall thermal transmittance coefficient for the entire unit must be $U_w = 1.1 - 1.5 \text{ W/m}^2\text{K}$ (must be proven by calculation and submitted with evidence).</p> <p>Note: The manufacturer is required to define the installation method through workshop drawings, which must be approved by the client or designer. During manufacturing and installation, all recommendations provided by the profile manufacturer must be followed. The contractor is obliged to submit test documentation in accordance with EN standards.</p>		
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Modification No. 17

Referring to the Tender Dossier, Part 1, Section IV – Bill of Quantities, 2.1.ARCHITECTURE-OBJECT , XIX SHEET METAL WORKS :

3	DILATATION TAPE
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	Procurement of materials, transpost and gluing of XPS panels, 5 cm thick on wall surfaces over built-in waterproofing - below ground level Properties of XPS panels tested in all respects according to EAD 040650-001201.	Procurement of materials, transpost and gluing of XPS panels, 5 cm thick on wall surfaces over built-in waterproofing - below ground level Properties of XPS panels tested in all respects according to EAD 040650-00-1201. Material in all according to EN 13164- XPS properties. The material must have documentation that it was produced without harmful substances of the freon type (Hexabromocyclododecane HBCD, CFC, HCFC, etc.). The boards used are exclusively with folded edges. Compressive strength at max 10% deformation according to EN 826 and is min 300 Kpa.		
		Volumetric mass according to EN 1602. Thermal properties according to EN 12667 and EN 12939 and amount to $\lambda = 0.0032$ to 0.0035 w/mK. Water absorption according to EN 12087. Vapor permeability according to EN 12086. For gluing XPS panels, use adhesives recommended by the XPS manufacturer (cement adhesives, bituminous, pur foam for insulation boards and other adhesives that must be solvent-free).		
		The price includes all necessary materials, work, transport and equipment for the execution of the works. It is the duty of the contractor to clean the		
		construction site of waste after the work has been completed and to transport all waste from the construction site to the nearest landfill. Calculation per m2 of completed works.		
	RS - 25cm	0.90+2.50+2.32+2.37+7.55+ 2.35+1.25+0.90+2.47+2.32+ 18.22+1.25+0.90+2.47+2.3 2+16.90	67,0	m2

is amended to read as follows:

3 STIRODUR THERMAL INSULATION ON BURIED WALLS OF THE BUILDING						
Description of the subject of procurement	Essential characteristics of the subject of procurement	Quantity	Unit of measure	Unit price	Total	
Procurement of materials, transpost and gluing of XPS panels, 10 cm thick on wall surfaces over built-in waterproofing - below ground level Properties of XPS panels tested in all	Procurement of materials, transpost and gluing of XPS panels, 10 cm thick on wall surfaces over built-in waterproofing - below ground level and 5cm thick on wall surfaces in the part of the building without basement . Properties of XPS panels tested in all respects according to EAD 040650-00-1201. Material in all according to EN 13164- XPS properties. The material must have documentation that it was					

	respects according to EAD 040650-00-1201.	produced without harmful substances of the freon type (Hexabromocyclododecane HBCD, CFC, HCFC, etc.).				
		The boards used are exclusively with folded edges. Compressive strength at max 10% deformation according to EN 826 and is min 300 Kpa. Volumetric mass according to EN 1602. Thermal properties according to EN 12667 and EN 12939 and amount to $\lambda = 0.0032$ to 0.0035 w/mK. Water absorption according to EN 12087. Vapor permeability according to EN 12086. For gluing XPS panels, use adhesives recommended by the XPS manufacturer (cement adhesives, bituminous, pur foam for insulation boards and other adhesives that must be solvent-free).				
		The price includes all necessary materials, work, transport and equipment for the execution of the works. It is the duty of the contractor to clean the construction site of waste after the work has been completed and to transport all waste from the construction site to the nearest landfill. Calculation per m2 of completed works.				
	XPS on buried walls 5cm	-XPS on buried walls thickness 5cm - $2.50*135.00*1,1=371,3$ m2	371,3	m2	0.00	0.00
	XPS on buried walls 10cm	-XPS on buried walls thickness 10cm $(5.25*213.50+2.00*(18.80+12.60+4.30+9.00))*1.1=1331,3$ m2	1331,30	m2	0.00	0.00

Modification No. 18

1 WATER INSULATION ON BURIED WALLS						
	Description of the subject of procurement	Essential characteristics of the subject of procurement	Quantity	Unit of measure	Unit price	Total
	Installation of two-layer bitumen waterproofing on underground walls.	Two-layer waterproofing using bituminous membranes for horizontal waterproofing of bridge structures , consisting of two layers of membranes reinforced with polyester felt. Surface preparation: Patching of all cracks and holes in the concrete surface using mortar.				

		Any surface areas with pronounced roughness that prevents 100% heat-welding of the waterproofing must be ground down using grinding machines equipped with dust extraction hoods connected to industrial vacuum cleaners.				
		Surface priming as recommended by the manufacturer for waterproofing systems in transport infrastructure . Application of the bitumen primer shall be performed in strict accordance with the instructions provided in the manufacturer's technical data sheet.				
		Waterproofing is to be applied in two layers onto a pre-primed surface by torch-welding the first bituminous membrane layer to 100% of the substrate surface using natural gas torches. The second layer shall be torch-welded over the installed first layer. Longitudinal and transverse overlaps within the same layer, as well as between layers, must be executed in accordance with the manufacturer's recommendations.				
		This item includes the treatment of expansion joints by forming a geotextile "lyre" (loop) at the structural expansion joint locations, in compliance with the project details. Measurement is per m2. The price includes all labor, transport, and materials (excluding bituminous membranes and bitumen primer, which are provided by the Investor) as specified in the item description and project details.				
	Two-layer waterproofing using bituminous membranes for horizontal waterproofing of bridge structures	$2.50*135.00*1.1+5.25*213.50+2.00*(18.80+12.60+4.30+9.00)*1.1$	1,590.5	m2	0.00	0.00

is amended to read as follows:

1 WATER INSULATION ON BURIED WALLS						
	Description of the subject of procurement	Essential characteristics of the subject of procurement	Quantity	Unit of measure	Unit price	Total
	Installation of two-layer bitumen waterproof	Two-layer waterproofing using bituminous membranes for horizontal waterproofing consisting of two layers of membranes reinforced with polyester felt. Surface				

	ing on underground walls.	preparation: Patching of all cracks and holes in the concrete surface using mortar.				
		Any surface areas with pronounced roughness that prevents 100% heat-welding of the waterproofing must be ground down using grinding machines equipped with dust extraction hoods connected to industrial vacuum cleaners.				
		Surface priming as recommended by the manufacturer for waterproofing systems. Application of the bitumen primer shall be performed in strict accordance with the instructions provided in the manufacturer's technical data sheet.				
		Waterproofing is to be applied in two layers onto a pre-primed surface by torch-welding the first bituminous membrane layer to 100% of the substrate surface using natural gas torches. The second layer shall be torch-welded over the installed first layer. Longitudinal and transverse overlaps within the same layer, as well as between layers, must be executed in accordance with the manufacturer's recommendations.				
		This item includes the treatment of expansion joints by forming a geotextile "lyre" (loop) at the structural expansion joint locations, in compliance with the project details. Measurement is per m2.The price includes all labor, transport, and materials, as specified in the item description and project details.				
	Two-layer waterproofing using bituminous membranes for horizontal waterproofing of bridge structures	2.50*135.00*1.1+5.25*213.50+2.00*(18.80+12.60+4.30+9.00)*1.1	1,590.5	m2	0.00	0.00

Modification No. 19

Referring to Part 1 Section IV-Bill of Quantities, **2.1. ARCHITECTURE-LANDSCAPE, II CONCRETE AND ARMOR. CONCRETE WORKS**

7	CREATION OF CONCRETE SUBSTATION FOR ESTABLISHING SUBSTATION					
	Description of the subject of procurement	Essential characteristics of the subject of procurement	Quantity	Unit of measure	Unit price	Total
	Production of light-reinforced concrete base for installation of the substation.	Fabrication of lightly reinforced concrete base for installation of the				

		substation, in everything according to the project, from concrete class C 25/30 in smooth formwork. The unit price includes all tools, materials, formwork, transport, labor, care and more, in accordance with the general description for this type of work. The contact surface (the surface under the threshold) of the slab should be roughened, dust-free and washed before making the threshold. It is a lightly reinforced concrete slab on grade, serving only as a base for the substation, the slab thickness shall be 15 cm, while the reinforcement mesh Q-188 should be included in this price Calculation per m2 of embedded concrete.				
		80 m2 x0.15m1	12	cubic meter	0	0

is amended to read as follows:

7 CREATION OF CONCRETE SUBSTATION FOR ESTABLISHING SUBSTATION						
	Description of the subject of procurement	Essential characteristics of the subject of procurement	Quantity	Unit of measure	Unit price	Total
	Production of light-reinforced concrete base for installation of the substation.	Fabrication of lightly reinforced concrete base for installation of the substation, in everything according to the project, from concrete class C 25/30 in smooth formwork. The unit price includes all tools, materials, formwork, transport, labor, care and more, in accordance with the general				

		description for this type of work. The contact surface (the surface under the threshold) of the slab should be roughened, dust-free and washed before making the threshold. It is a lightly reinforced concrete slab on grade, serving only as a base for the substation, the slab thickness shall be 15 cm, while the reinforcement mesh Q-188 should be included in this price Calculation per m ³ of embedded concrete.				
		80 m ² x 0.15m ¹	12	cubic meter	0	0

Modification No.20

Referring to Article 46. [Pre-financing], part of the Sub-article 46.8 of Special Conditions:

“ b) The pre-financing for plant, machinery and tools — and the pre-financing for other major prior outlays (20 % maximum) — shall be repaid by means of deductions from instalments and, if necessary, the balance due to the contractor. Repayment shall begin with the first instalment and end, at the very latest, by the time 90 % of the amount of the contract has been paid

The amount to be deducted from each instalment shall be calculated using the following formula:

$$R = \frac{Va \times D}{Vt \times 0.9}$$

where:

R = the amount to be repaid

Va = the total amount of pre-financing

Vt = the initial contract amount

D = the amount of the instalment.”

is amended, in line with Sub-article 46.2 of the Special Condition, to read as follows:

“ b) The pre-financing for plant, machinery and tools — and the pre-financing for other major prior outlays (10 % maximum) — shall be repaid by means of deductions from instalments and, if necessary, the balance due to the contractor. Repayment shall begin

with the first instalment and end, at the very latest, by the time 90 % of the amount of the contract has been paid

The amount to be deducted from each instalment shall be calculated using the following formula:

$$R = \frac{Va \times D}{Vt \times 0.9}$$

where:

R = the amount to be repaid

Va = the total amount of pre-financing

Vt = the initial contract amount

D = the amount of the instalment.”

All other terms and conditions of the Bidding Documents remain unchanged. The above amendment forms an integral part of the Bidding Documents.