

A		CONTRACTED G.T.TRADE include VO1				Increase of works by VO2		Decrease of works by VO2		Total by VO 2	
Item No.	Item description	Unit	Quantity	Rate	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount
1											
A.1	Building for personnel										
A.1.1	<p>Installation works</p> <p>Supply, delivery and installation of prefabricated containers (type: residential and office containers) dimensions according to drawings 605 x 245 x 280 cm. The item includes a complete set of equipment and furniture for the office, small kitchen, closet, bathroom, table, shelves, chairs, air conditioning, doors, windows, flooring, installation, etc., all according to the drawings and designer's selection.</p> <p>The container has a supporting structure of welded cold formed profiles. Containers are placed on previously prepared concrete slab Color of containers: RAL 9002 Calculation per piece. List of furniture and equipment -4 wardrobe cabinets -1 desk with two cabinets with drawers 580 x 75 cm -2 chairs (office) -office shelves (h = 220 cm, l = 450 cm) -kitchen, lower and upper elements (including a sink, small stove, refrigerator, etc.) -1 dining table (180 x 40 cm - counter table) and 2 chairs -Floor mat, clothes hanger, container for umbrellas etc -complete sanitary facilities (sink, toilet, toilet tank, mirror, etc.) Item includes all the work, supply and the necessary materials to complete certainty</p>	set	1	65.000,00	65.000,00					1	65.000,00
A.1.2	Complete cleaning and washing of all spaces before handing over the building. Including cleaning and washing of floor, wall and ceiling panels as well as carpentry and locksmithing with corresponding glazing	set	1	500,00	500,00					1	500,00
A.1	Building for personnel TOTAL				65.500,00						65.500,00
A.2	Fence										
A.2.1	<p>Fence</p> <p>Supply, delivery and installation of wired fence. Height of completed fence, from finished terrain elevation is 2.0 m. It is made of steel columns and wired fence. Columns are treated with zinc on the outside and the inside and are plasticised (min. 60 micron). Fence foundation is a single foundation. Total dimensions of the cross section are 50/80 cm. Columns are steel, galvanized with additional plastic protection as a final layer. They are placed at a maximum distance of 2,0 m, in the foundations. All these elements are included in the price, along with all the necessary fittings and works. All other details of the fence are to be carried out according to the design. All metal parts of the fence have to be grounded. Item includes all works, supply and necessary materials to complete certainty. Color of the complete fence is dark green: RAL 6005. Calculation per m' of the installed fence.</p>	m'	200	250,00	50.000,00	50	12.500,00			250	62.500,00
A.2.2	<p>Double turnaround entrance doors 5,70 x 1,75 m Supply and installation of double hinged entrance doors (driveway) Width: 570 cm, Height: 157 cm, filling made of rectangular pipes 20x30 mm in the framework of square pipes 130x130 mm. The doors are equipped with the lock and the latch. Item includes installation of remote control (control of entry and exit in the building for personnel). It includes all the works, supply with the necessary materials to complete safety.</p> <p>Color of the doors is dark green: RAL 6005 (and the fence). Calculation per piece.</p>	pcs	1	19.000,00	19.000,00					1	19.000,00

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A.2.3	Single hinged doors, dimensions 100 x 200 cm Supply and installazion of single hinged entrance doors (pedestrian entrance) Width: 100 cm, Height: 157 cm, filling made of rectangular pipes 20x30 mm in the framework of square pipes 130x130 mm. The doors are equipped with the lock and the latch. Item includes installation of remote control (control of entry and exit in the building for personnel). It includes all the works, supply with the necessary materials to complete certainty. Color of the doors is darg green: RAL 6005 (and the fence). Calaculation per piece.	pcs	1	5.000,00	5.000,00				1	5.000,00
A.2	Fence TOTAL				74.000,00					86.500,00
A.3	Landscaping									
A.3.1	Landscaping Item includes complete exectuion of For better integration of the complex into the environment, protective green buffer zone will be formed, which will, together with the fence, create high-quality visual barrier. Item includes greening. It includes all the necessary actions adjusted to the terrain and the existing situation. Finishing works on green areas include milling to a depth of 20 cm, straightening and raking (fine planning) of disturbed earth with fragmentation, fertilization with organic manure 5 l/m2, and supply and installation of grass mixture in an amount of 4 dk/m2 that consists of drizzle grass and true grass. After sowing the seeds of grass mixture, manual rolling with a roller should be carried out, and a one-time watering in an amount of 10 l/m2. grassing Conducted surfaces maintain up to completion of all planned works. Include the following Mowing lawns during the implementation of the contract with the collection and disposal of cuttings, cleaning green areas, watering of green areas, if necessary, complete Phytosanitary protection, if necessary, in warranty, repair all the possible damages caused to the green. Calculation: 15% of the works procurement and planting shrubs and trees.	set	1	80.000,00	80.000,00			1	80.000,00	
A.3	Landscaping TOTAL				80.000,00				80.000,00	
A.4	Equipment									
A.4.1	Equipment Item includes supply and all necessary work for installation of containers and equipment (all according to the design) weigh 40 t	set	1	200.000,00	200.000,00				1	200.000,00
A.4.2	Fire extinguishers and handy tool									
A.4.2.1	They are used to localize fires that would eventually appear. They are placed in visible end easy accessible places at a height of 1.5 m, according to the plan given in Fire protection study. Envisaged extinguishers are dust type "S". Item includes supply, delivery and installation of fire extinguishers. S 6 kg	pcs	3	1.000,00	3.000,00				3	3.000,00
A.4.2.2	A handy tool consists of shovel, pick, hoes, metal broom for fire extinguishing, 2 birch brooms for cleaning asphalt surfaces. Item includes supply and delivery of the specified set of handy tool.	set	1	1.500,00	1.500,00				1	1.500,00
A.4.3.	Permanent Board Graphic preparation and design of permanent board for the purpose of informing and visibility of the project according. The frame dimensions are 100x60 cm.	pcs	1	4.000,00	4.000,00				1	4.000,00

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	Board will be of PVC with the text "Adriatic Sea Environmental Pollution Control Project (I), Remediation works of landfill Sitnica with closed leachate system" with specified year of ending of construction, with logos of World Bank, Global Environmental Facility (GEF), Environmental Protection and Energy Board shall be in Croatian Language.				208.500,00						208.500,00
A.4	Equipment TOTAL				208.500,00						208.500,00
A	ARCHITECTURAL WORKS										
A.1	BUILDING FOR PERSONNEL				65.500,00						65.500,00
A.2	FENCE				74.000,00		12.500,00				86.500,00
A.3	LANDSCAPING				80.000,00				80.000,00		208.500,00
A.4	EQUIPMENT				208.500,00						208.500,00
A	ARCHITECTURAL WORKS SUMMARY				428.000,00		12.500,00		80.000,00		360.500,00
B	CIVIL WORKS - TRAFFIC AND MANIPULATIVE AREA										
Item No. 1	Item description 2	Unit 3	Quantity 4	Rate 5	Amount 6	Quantity 4	Amount 6	Quantity 4	Amount 6	Quantity 4	Amount 6
B.1	Preparation works										
B.1.1	Staking out of route and objects. All geodetic surveys where data from design are transferred to the field and vice versa, during entire building works period, i.e. until presentation of works to the investor, are measured and charged by m2.	set	1	3.000,00	3.000,00					1	3.000,00
B.1.2	Survey of the "as built" condition of the roadways after final completion of all works. Survey shall be performed by the authorized company. Calculation shall be based on surveyed area.	set	1	4.500,00	4.500,00					1	4.500,00
B.1.3	Traffic regulation where necessary during works period. Safeguard of construction site, including all necessary signs, light signals and similar.	set	1	2.000,00	2.000,00					1	2.000,00
B.1	Preparation works TOTAL				9.500,00						9.500,00
B.2	Excavation works and sub base of roadway										
B.2.1	Excavation on existing ground of category B for construction of plateau and roads. (HRN U.E1.010) Works include wide excavation for construction of the calculated roadway layer thickness. Safety precautions and required safeguard of existing objects, installations and communications shall be undertaken during excavation. Adequate machines shall be engaged in wide excavation, while manual excavation should be limited to required minimum. Extreme precautions shall be applied during excavation, while excavation adjacent to installation shall be performed manually. Manual excavation volume is assumed to be 20%. All excavations shall be arranged in line with foreseen elevations and slope as per design and in accordance to the supervisory engineer requirements. Calculation shall be based on the m3 of excavated material in crammed condition.	m3	685	40,00	27.400,00					685	27.400,00
B.2.2	Making the embankment of gravel or stone (dolomite): This work includes: - delivery of the filling material of gravel or stone (dolomite) from site-reclamation and siltation layers of 30 cm - possibly wetting or drying, and compaction and planning materials in the embankment by the dimensions and grades given in the project. Mound under gates surface running of gravel or stone (dolomite) in the layer whose thickness is determined depending on the type of material and the compactor. Tamping should be done so that every layer reaches ME = 40 N/mm2. The calculation is done per m3 made embankments in packed condition.	m3	360	27,00	9.720,00					360	9.720,00

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B.4.1	Machine paving of bitumen support layer, mixed and laid using hot mixed technology with bitumen and mixture of approved working composition. For a medium traffic load, type AC 22 base 50/70, layer thickness 4,0 cm for roads and handling areas. The price shall include supply of machine made mixture of stone dust, gravel and bitumen as binder, of largest granule nominal size, stone type and granularity as per directives stated in design, as well as loading, transport and machine paving (scattering and compaction).	m2	31	90,00	2.790,00				31	2.790,00
B.4.2	Machine paving of top layer in hot mix asphalt concrete (HS-AB), bitumen type and mixture of approved working composition. For a medium traffic load, type AC 11 surf 50/70, layer thickness 5,0 cm for road and handling areas. The price shall include supply of machine made mixture of stone dust, gravel and bitumen as binder (road paving bitumen or polymer modified bitumen), stone type and granularity based on the thickest mixture rule, loading, transport, machine paving (scattering and compaction).	m2	31	105,00	3.255,00				31	3.255,00
B.4.3	Installation of concrete curbs 8x20x50 cm around the sidewalk near the building for staff. Concrete curbs supplied as a precast concrete elements which must meet the following requirements; - Concrete curbs must be made of concrete compressive strength C40 / 45, - Precast concrete elements must have straight edges and surfaces without cracks, - Incorporation of damaged pieces cannot allow, - Curbs are installed along the line and finished grade on concrete C16 / 20 This item includes the following: - Supply of prefabricated concrete elements curb C40 / 45 with all drive the curb at the construction site. - Preparation of the substrate with the necessary excavation or filling and compaction, - Design and installation of concrete pads compressive strength C16 / 20 to the processing and plating, - Laying concrete curbs in the direction and leveling, - All transports and transfers concrete and auxiliary materials, - Watering joints with cement mortar 1: 4, - It concrete and quality testing curbs and pads with obtaining certificates, Dimensions curbs are 8 x 20 x 50 cm. Calculation per m 'built a concrete curb.	m	28	100,00	2.800,00				28	2.800,00
B.4	Walkway TOTAL				8.845,00					8.845,00
B.5	Roadway infrastructure									
B.5.1	Excavation of foundations, fabrication of concrete foundations (truncated pyramid like, with base and top edge length of 30 and 20 cm respectively) made of class C 20/25 concrete, including supply, installation and treatment and backfilling and removal of excess material after completion. The price includes supply of material, form board for foundation, installation of anchoring and support pads for fixing the pole. Calculation shall be based on number of completed foundations.	pcs	2	300,00	600,00				2	600,00
B.5.2	Setting traffic sign posts (supports), one post per sign, made of Fe pipe, dia 63,5 mm, hot galvanized 85 µm layer or double system of the same protection, dimensions and type in accordance to the traffic infrastructure and signals design and in line with Regulations on traffic signs, infrastructure and signals on road (Official Gazette No. 33/2005) and Croatian Standard HRN EN 12899-1. The price includes supply and setting of post according to design (made of aluminum or Fe pipes), including transport, shifting and storage as well as all works and materials for installation according to design requirements. Calculation shall be based on number of signs set.	pcs	2	600,00	1.200,00				2	1.200,00

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	b) Water inlets - 44 m3 c) Separator - 46,80 m3 d) Absorption well - 21,15 m3 <u>Oily rainfall</u> a) Oily drainage system pipeline, trench depth 1,50 m, - 19 m3 <u>Sanitary waste water</u> a) sanitary waste water pipeline, trench depth 1 m, - 1,40 m3	m3	208,35	35,00	7.292,25				208,35	7.292,25
C.1.1.2	Backfilling the area around the buildings carried out by selected material from excavation grit 0-32 mm to designed certain angle. The item includes leveling and compacting the material in layers of 30 cm. Backfilling with excavation material a) Inspection shafts - 47 m3 b) Water inlets - 40 m3 c) Separator - 23 m3 d) Absorption well - 10,20m3	m3	120,2	18,00	2.163,60	51,1	919,80		171,3	3.083,40
C.1.1.3	Preparation of filling of the space around the absorption well with stone material grit 60/120 mm. The item includes leveling and compacting the material in layers of 30 cm. Preparation of filling Absorption well filling	m3	25	100,00	2.500,00	15	1.500,00		40	4.000,00
C.1.1.4	Supply and delivery of sand grit 0-12 mm and making sand foundation level with thickness of 10 cm for laying pipelines. The item includes compaction by manual compactor. Preparation of sand foundation level <u>Potentially oily rainfall drainage</u> a) potentially oily rainfall drainage system pipeline - 1,85 m3 <u>Sanitary waste water system</u> a) sanitary waste water pipeline - 0,15 m3	m3	2	160,00	320,00	9,2	1.472,00		11,2	1.792,00
C.1.1.5	Supply and delivery of sand / gravel or crushed stone grit 0-32 mm and filling the pipeline with a thickness of overburden above the pipe of 30 cm. The item includes compaction manual compactor. Pay special attention to lateral compaction of material between the pipe and the wall of the trench height of 0.5 D to obtain the bigger angle seating. When filling the compound should remain visible to the implementation of the pressure test. Backfilling with replacement material (calculation in grown-together state) <u>Potentially oily rainfall drainage system</u> a) potentially oily rainfall pipeline - 9 m3 <u>Sanitary waste water</u> a) sanitary waste water pipeline- 0,60 m3	m3	9,6	120,00	1.152,00	25,4	3.048,00		35	4.200,00
C.1.1.6	Backfilling space of fulfill zone of the trench above the pipeline protection zone with excavation material (max. grain size 63 mm). The item includes loading, transport, unloading, leveling and compaction of materials to the design of compression modulus in layers 30 cm thick. Backfilling with excavation material (calculation in grown-together state) <u>Potentially oily rainfall drainage system</u> a) potentially oily rainfall pipeline - 16,30 m3 <u>Sanitary waste water</u> a) sanitary waste water pipeline - 0,60 m3	m3	16,9	18,00	304,20	143,1	2.575,80		160	2.880,00
C.1.1.7	Transportation of surplus material from the excavation after backfilling the space around buildings carried out on the landfill site within a distance of 500m. The item includes loading, transport and unloading and spreading material at the landfill. Transportation of excavation material (calculation in grown-together state) <u>Buildings:</u> a) Inspection shafts - 16,60m3 b) Water inlets - 4,90 m3 c) Separator - 24 m3 e) Absorption well - 15,80 m3 <u>Potentially oily rainfall drainage system</u> a) potentially oily rainfall pipeline - 10,85 m3 <u>Sanitary waste water</u> a) sanitary waste water pipeline - 0,75 m3	m3	72,9	12,00	874,80	117,1	1.405,20		190	2.280,00

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C.1.1.8	Supply, delivery and installation of sand grit 0-12 mm for the performance of gravel substrate below the separator with thickness of 15 cm. The item includes compaction by manual compactor. Preparation of substrate Separator - 0,90 m3	m3	0,9	160,00	144,00	3,2	0,9	512,00		4,1	656,00	
C.1.1	Earthworks total				14.750,85			11.432,80			26.183,65	
C.1.2	Concrete works											
C.1.2.1	Supply, delivery and installation of base concrete of compressive strength C16 / 20, depending on the thickness of the building. The item includes all possibly necessary formwork, care and attestation of compressive strength. a) Inspection shafts - (0,3 m3/piece) - 1,20 m3 b) Water inlets - (0,1 m3/piece) - 0,20 m3 c) Control shaft - (0,3 m3/piece) - 0,30 m3	m3	1,7	750,00	1.275,00	0,7	1,7	525,00		2,4	1.800,00	
C.1.2.2	Supply, delivery and installation of concrete of compressive strength C25 / 30 in concrete slab and crown of inspection shafts and water inlets. The item includes all possibly necessary formwork, concrete care and attestation of compressive strength. <u>Inspection shafts (4 pieces):</u> a) slab - (0,3m3/piece) - 1,20 m3 b) crown - (0,5m3/piece) - 2,0 m3 <u>Water inlets (2 pieces)</u> a) slab - (0,1m3/piece) - 0,20 m3 b) crown - (0,15m3/piece) - 0,30 m3	m3	3,7	1.000,00	3.700,00				1	1.000,00	2,7	2.700,00
C.1.2	Concrete works total				4.975,00			525,00		1.000,00	4.500,00	
C.1.3	Reinforcement works											
C.1.3.1	Supply, delivery and installation of structural reinforcement of steel B 500 B of the slab and the crown of the sanitary water collection reservoir. The strike involves cutting, shaping, transfer to the construction site, installation and connection fittings to the grounding. The item also includes approval of implemented reinforcement. <u>Inspection shafts (4 pieces):</u> a) slab - (30kg/piece) - 120kg b) crown - (40kg/piece) - 160kg <u>Water inlets (2 pieces)</u> a) slab - (10kg/piece) - 20kg b) crown- (15kg/piece) - 30kg	kg	330	8,00	2.640,00						330	2.640,00
C.1.3	Reinforcement works total				2.640,00						2.640,00	
C.1.4	Installation works											
C.1.4.1	Supply, delivery and installation of corrugated HDPE and PVC sewer pipes for drainage potentially oily storm and sanitary wastewater. It includes all required work and materials for their installation. <u>Potentially oily rainfall drainage system</u> a) PEHD OD/ID 200/171 mm, SN 8 - 71,70 m' b) PEHD OD/ID 160/141 mm, SN 8 - 9,50 m' <u>Sanitary waste water</u> a) PVC OD/ID 160/152 mm, SN 4 - 11,00 m' b) PEHD OD/ID 110/99,4 mm, SN 8 - 6,00 m'	m'	32,5	75,00	2.437,50	65,7	32,5	4.927,50		98,2	7.365,00	
C.1.4.2	Supply, delivery and installation of corrugated HDPE sewer pipes OD / ID 1000/851 mm, SN 8, for the performance of the body of inspection shafts. The item includes the preparation of shafts with all the elements (plates bottom, pipe connections, channel ...) to full readiness, including the performance of climbers from PE sheet thickness min 2 cm, width 45 cm back protection and performance. It includes all needed works and materials for installation to full functionality. <u>Potentially oily rainfall drainage system</u> a) Inspection shafts- 4 pieces	pcs	4	5.000,00	20.000,00				1	5.000,00	3	15.000,00

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	Linear drainage channel with capacity C400 according to EN EN 1433. Because of their specific V-section channel is characterized by a faster rate of runoff and better self-cleaning effect. The channel is made of polymer concrete, a building height of 480 mm. Fog channel width is 400 mm, width 450 mm construction, building length of 1000 mm.										
	The edges of the channel are reinforced bracket of galvanized steel with thickness of 4 mm, which serves as a seat for taking the cover grid. The channel is carried out by laying the concrete base brand C25 / 30 thickness of 20 cm, side channel concrete pledge. The upper edge of the grid is performed at the level of 2-5 mm below the level of finished finishing the surrounding area. All the accessories for mounting to full functionality. Product as ACO Multiline V400 or equal:										
C.1.4.12.1	Product as Multiline V400 or equivalent-construction height 480 mm. Channel width is 400 mm, width 450 mm construction, building length of 1000 mm	m'	17,8	1.600,00	28.480,00			1,2	1.920,00	16,6	26.560,00
C.1.4.12.2	Product as Multiline V400 or equivalent, cover grating ACO Multiline V400 load C400 according to EN EN 1433 (medium-heavy traffic) from cast iron.	m'	17,8	2.000,00	35.600,00			1,2	2.400,00	16,6	33.200,00
C.1.4.12.3	Collector for the product as ACO Multiline V400 or equivalent from polymer concrete, with Drainlock® strengthening the grid without screws, with the precipitation vessel made of PVC.	pcs	3	5.000,00	15.000,00					3	15.000,00
C.1.4.12.4	Making the concrete foundation of quality C 20/25 according to the manufacturer of equipment, cross section and dimensions recommended by the manufacturer of equipment depending on the installation site, approximately Detailed elaboration according to the manufacturer's instructions	m3	1	1.000,00	1.000,00	4,5	4.500,00			5,5	5.500,00
C.1.4.12	Linear drainage channel total				80.080,00		4.500,00		4.320,00		80.260,00
C.1.4	Installation works total				155.992,50		54.932,50		11.320,00		199.605,00
C.1	Drainage TOTAL				178.358,35		66.890,30		12.320,00		232.928,65
C.2	Water supply system										
C.2.1	Earthworks										
C.2.1.1	Machine excavation of material in category C to a depth h [m] depending on the structure with vertical nicking. The works carried out depend on the equipment and technology of the contractor for all depths. The width of the trench is dependent on the normal profile and the size of the pipe. The excavated soil is rejected aside within the work zone, and if necessary in tight spaces is transported, deposited and again transported to the place of installation when backfilling . Excavation method determined by the Contractor, and the calculations are to be carried out according to the amounts of the ideal profile of the main design so that the excess excavation shall be calculated in the price and will not be subsequently recognized. The item includes all the necessary papers and equipment for shoring and securing the trench from collapsing, according to the technology contractor, in accordance with the prescribed conditions of safety at work, including excavation required for the installation of protective plates (which is not particularly specified).										
	Materials excavation (calculation in grown-together state) <u>Objects</u> sanitary water collection reservoir - 29,60 m3 sanitary network a) sanitary network pipeline, trench depth 1,0 m - 2,00m3	m3	31,6	45,00	1.422,00					31,6	1.422,00
C.2.1.2	Supply, delivery and installation of sand / gravel or crushed stone grit 0-32 mm for making substrate under sanitary water collection reservoir, at a thickness of 10 cm. The item includes compaction by manual compactor. Substrate preparation (calculation in grown-together state) sanitary water collection reservoir	m3	3,7	120,00	444,00			3,03	363,60	0,67	80,40

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Item No.	Item description	Unit	Quantity	Rate	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount
C.2.4.1	Supply, delivery and installation of smooth HDPE pressure pipes for the sanitary network. It includes all needed works and materials for their installation. Calculation per m 'of embedded pipes. <u>Sanitary network</u> a) PEHD OD 32 mm, SDR 17, PE 100, PN 10	m'	4	50,00	200,00	7	350,00			11	550,00
C.2.4.2	Supply, delivery and installation of HDPE pressure fittings for the performance of the sanitary network. It includes all needed work and material for their installation. <u>Sanitary network</u> a) electrical knee OD32/90°, PE100, SDR 11	pcs	4	280,00	1.120,00	4	1.120,00			8	2.240,00
C.2.4.3	Supply, delivery and installation of standard containers (reservoir) for water systems made of hard polyethylene according to DIN EN 1898, the volume of 6000 l. The dimensions of the reservoir are LxBxH - 2,88x180x2,05 m. It includes all needed works and materials for the installation and connection to the pipeline. Calculation per unit of implanted reservoir. Reservoir	pcs	1	13.500,00	13.500,00					1	13.500,00
C.2.4.4	Supply, delivery and installation of self-priming pump that sucks up below the pump. The pump consists of pump, motor, pressure tank, pressure sensor and flow regulator and check valve. The controller provides automatic start of the pump during the consumption of water and automatically stops when the consumption ceases. In addition, the controller protects the pump in case of failure / malfunction. The pump must meet the flow of 3 m3 / h and lifting height 23 m. It includes all needed works and materials for the installation and connection of the sanitary water collection reservoir, up to full readiness / functionality. Calculation per piece of incorporated self-priming pump. "	pcs	1	4.200,00	4.200,00					1	4.200,00
C.2.4.5	Supply, delivery and installation of cast iron canal cover of circular shape with a diameter of 600 mm. It includes all needed works and materials for the installation of the sanitary water collection reservoir. Cover class B 125 kN, according to HRN EN-124:2005	pcs	1	850,00	850,00					1	850,00
C.2.4.6	Testing of the entire water system (sanitary network) on waterproofing of joints and flow with water at the appropriate pressure. Item includes assembly and disassembly of temporary supply of water and other necessary equipment. Before filling, the pipeline must be buried except for compounds. A pressure test has to be carried out according to regulations. Calculation per meter of tested the water supply system. Testing of the water supply system	m'	4	100,00	400,00	4	400,00			8	800,00
C.2.4.7	Zero cleaning the internal water supply system (sanitary network) after completing all the previous works. It includes all needed work and material for the execution of cleaning. Zero cleaning of water supply system	m'	4	50,00	200,00	4	200,00			8	400,00
C.2.4.8	Disinfection of sanitary network pipeline. It includes all needed works and materials to perform. Disinfection of the pipeline	m'	4	500,00	2.000,00	4	2.000,00			8	4.000,00
C.2.4	Installation works total:				22.470,00		4.070,00				26.540,00
C.2	Water supply system TOTAL				25.444,70		5.720,88		363,60		30.801,98
C	CIVIL WORKS - WATER SUPPLY AND DRAINAGE										
C.1	DRAINAGE				178.358,35		66.890,30		12.320,00		232.928,65
C.2	WATER SUPPLY SYSTEM				25.444,70		5.720,88		363,60		30.801,98
C	CIVIL WORKS - WATER SUPPLY AND DRAINAGE SUMMARY				203.803,05		72.611,18		12.683,60		263.730,63
D	CIVIL WORKS - CONSTRUCTION										
Item No.	Item description	Unit	Quantity	Rate	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount
1	2	3	4	5	6	4	6	4	6	4	6

		CONTRACTED G.T.TRADE include VOI			Increase of works by VO2		Decrease of works by VO2		Total by VO 2	
D.4.1	<p>Fabrication, transportation and installation of garage for compactor according to the executable documentation, technical description and specification of materials. The price of this item includes: supply and delivery of steel (hot cast profiles, seamless round tubes, sheets, hot tubing square and rectangular hollow profiles, screws, making workshop documentation and production of steel tower structure, supply of electrodes, welding, blackmail includes work and all necessary material with loading, unloading, transport and transfer of materials and construction, as well as the necessary machinery, and the costs of testing materials.</p> <p>Provides for the protection of AK steel construction hot-dip galvanized, with previous blasting and surface preparation. According to standard EN 12944-2 - protection category C2. Complete the steel construction is cleaned to the level Sa 2 ½ (blasting, chemical equipments, brushes).</p> <p>Is calculated kg steel, actually built into the design, quality control, size, and position exactly according to the project. Corrosion protection of the supporting steel structure. Complete the steel construction is cleaned (sand blasting, chemical equipment, brushes). need to be cleaned before construction hot-dip galvanizing process.</p> <p>During installing, receiving ropes must be of non-metals (tape), which do not damage the corrosion protection layers of the structure. Upon completion of construction, installation, repair damaged parts of the coating. The surfaces of the steel structure that contact with concrete, not to be painted.</p>	kg	1.905,00	27,00	51.435,00				1905	51.435,00
D.4.2	Supply, delivery, assembly and anti-corrosive protection for steel structure wheel washing facility fence. Calculation is conducted per m of mounted steel structure members.	m	11,7	85,00	994,50		11,7	994,50		
D.4	Metal works TOTAL				52.429,50			994,50		51.435,00
D.5	Assembly works									
D.5.1	<p>Roof metalware.</p> <p>Procurement and installation of roof metalware from steel galvanized plastic coated sheet metal. Including all necessary materials for attaching to the concrete building structure (hooks, clamps), sealed element joints. Construction and assembly according to a detailed blueprint and agreement with the designer. Color according to design. The item includes all materials and labor. Calculated by m¹ of assembled, finalized metalware.</p> <p>The gutter is made from galvanized steel 0.55mm thick, rectangular cross section 15 x 15 cm with a slope on both sides, attached by galvanized steel hooks 30/3 mm to the roof purlins in the middle of the roof spaced about 75 cm apart.</p> <p>Vertical drainage pipes made from galvanized steel 0.55 mm thick, square cross section 10 x10 cm. Drainage pipes are fixed to the pillars by galvanized collars made from flat steel 30/3 mm. Collars are installed about every 1.00 m.</p> <p>Color RAL 7004, gray</p>	m	9,7	185,00	1.794,50		9,7	1.794,50		
D.5.2	Covering the roof with sheet metal Procurement and assembly of roof covering steel sheets d=0,55. Grading of the steel sheet S250, galvanized 275 g/m2 according to EN10142 and EN10147-2000 norms, load bearing 1.50 kN/m2, final coating of polyester paint RAL 7004 (gray) 25 microns thick. The item includes the necessary substructure for fastening the covering steel sheets. The substructure is secured to the reinforced concrete sloped slab or to the steel structure (according to the design) according to the details of the manufacturer. The item includes all necessary covering and flashing profiles on surface aberrations, rustproof bolts, washers and seals. Insulating layers under the cover are calculated separately. Creation of the workshop documentation and execution details have to be submitted by the constructor to the designer for approval. The item included all necessary materials and labor. Calculated by m2 of installed cover.	m2	69	255,00	17.595,00		69	17.595,00		
D.5	Assembly works TOTAL				19.389,50			19.389,50		

		CONTRACTED G.T.TRADE include VO1			Increase of works by VO2		Decrease of works by VO2		Total by VO 2	
	Supply, delivery and installation of corrugated HDPE sewer pipes OD / ID 1000/851 mm, SN 8, for the performance of the body of inspection shafts. The item includes the preparation of shafts with all the elements (plates bottom, pipe connections, channel ...) to full readiness, including the performance of climbers from PE sheet thickness min 2 cm, width 45 cm back protection and performance. It includes all needed works and materials for installation to full functionality. a) Revision shaft	psc	1	5.000,00	5.000,00				1	5.000,00
E.1.3.7	FILTRATION WELL Supply, delivery and installation of corrugated HDPE sewer pipes OD / ID 1000/851 mm, SN 8, for the performance of absorption well, including the performance of climbers from PE sheet thickness min 2 cm, width 45 cm, back protection and performance of the perforation of the well which is located below level of inlet pipe. It includes all needed works and materials for installation to full functionality. a) Infiltration well - 1 piece	psc	1	6.500,00	6.500,00				1	6.500,00
E.1.3	Rainfall collection system TOTAL				463.480,00					603.623,50
E.1	Excavation of landfill basins for landfill cells I, II, III and IV and construction of the clean stormwater drainage system and macadam roads TOTAL				2.672.680,79					2.142.860,80
E.2	Bottom sealing layer									
E.2.1	Earthworks									
E.2.1.1	The construction of the layer for levelling made of clay in the thickness of d=15 cm, and after realized excavation and embankment, namely after forming the area (bath) for disposing waste. The works have to be realized according to the design. The item includes loading, transport, spreading and compaction of the base to the necessary compaction level (≥40 MN/m2). The item includes all the necessary testing specified in the chapter Quality control and quality assurance programme. The calculation is conducted per m3 of embedded replacement layer.	m3	5.100,00	45,00	229.500,00		317,76	14.299,20	4782,24	215.200,80
E.2.1.1	Construction of the drainage layer in stone aggregate in the lower liner of thickness d=51 cm. The draining layer is made of aggregate, granulation 16/32 mm. The item includes supply, delivery, placement and testing of the draining layer, and all the works have to be realized according to the design. Calculation is conducted per m3 of placed material.	m3	17.200,00	85,00	1.462.000,00		1116,12	94.870,20	16083,88	1.367.129,80
E.2.1	Earthworks TOTAL				1.691.500,00			109.169,40		1.582.330,60
E.2.2	Geosynthetic works									
E.2.2.1	Supply, delivery and placement of smooth PEHD geomembrane, thickness of d=2.0 mm as a protection from flooding of anchor trench. Geomembrane can be placed only after testing proves its quality and it is approved by the supervising engineer. Calculation is conducted per m2 of lined surface and it includes all the losses occurred due to overlap, cutting and anchoring.	m2	1.965,00	42,00	82.530,00		1425	59.850,00	540	22.680,00
E.2.2.2	BOTTOM SEALING LAYER Supply, delivery and placement of geosynthetic clay liner (GCL) in the bottom sealing layer of the disposal site. Characteristics, testing and manner of placing the geosynthetic clay liner (GCL) in the bottom liner have to be realized in the manner described in the design and according to the instructions of the producer. GCL can be placed only after testing proves its quality and it is approved by the supervising engineer. Calculation is conducted per m2 of lined surfaces, and it includes all the losses occurred due to overlap, cutting and anchoring. The item also includes all the necessary testing specified in the chapter Quality control and insurance programme.	m2	33.720,00	34,00	1.146.480,00	1854,23	63.043,82		35574,23	1.209.523,82

		CONTRACTED G.T.TRADE include VO1			Increase of works by VO2		Decrease of works by VO2		Total by VO 2	
E.2.2.3	Supply, delivery and placement of the PEHD geomembrane rough on both sides for the slopes and smooth for the bottom of landfill cells, thickness of d=2.5 mm in the lower liner of the disposal site and after the placement of GCL. Characteristics, testing and manner of placing the PEHD geomembrane rough on both sides into the lower liner has to be realized in the manner described in the design and according to the instructions of the producer. Geomembrane can be placed only after testing proves its quality and it is approved by the supervising engineer. Calculation is conducted per m2 of lined surface and it includes all the losses occurred due to overlap, cutting and anchoring. The item also includes all the necessary testing specified in the chapter Quality control and insurance programme.	m2	33.720,00	52,00	1.753.440,00	1854,23	96.419,96		35574,23	1.849.859,96

		CONTRACTED G.T.TRADE include VO1			Increase of works by VO2		Decrease of works by VO2		Total by VO 2	
E.2.2.4	Supply, delivery and placement of the protective geotextile of 1000 g/m2 weight in the bottom liner of the disposal site, after the placement of the PEHD geomembrane. Characteristics, testing and manner of placing the protective geotextile into the lower liner have to be realized in the manner described in the design and according to the instructions of the producer. Protective geotextile can be placed only after testing proves its quality and it is approved by the supervising engineer. Calculation is conducted per m2 of lined surface and it includes all the losses occurred due to overlap, cutting and anchoring. The item also includes all the necessary testing specified in the chapter Quality control and insurance programme.	m2	33.720,00	24,50	826.140,00	1854,23	45.428,64		35574,23	871.568,64
E.2.2.5	Supply, delivery and placement of geogrid, 30/30 kN/m in the bottom liner of the disposal site, after the placement of the drainage layer. Characteristics, testing and manner of placing the protective geotextile into the lower liner have to be realized in the manner described in the design and according to the instructions of the producer. Protective geotextile can be placed only after testing proves its quality and it is approved by the supervising engineer. Calculation is conducted per m2 of lined surface and it includes all the losses occurred due to overlap, cutting and anchoring. The item also includes all the necessary testing specified in the chapter Quality control and insurance programme.	m2	33.720,00	12,00	404.640,00	1854,23	22.250,76		35574,23	426.890,76
E.2.2	Geosynthetic works TOTAL				4.213.230,00		227.143,18		59.850,00	4.380.523,18
E.2	Bottom sealing layer TOTAL				5.904.730,00		227.143,18		169.019,40	5.962.853,78
E.3	Leachate collection system									
E.3.1	Leachate collection reservoir									
E.3.1.1	Concrete-work of the foundation layer 10 cm thickness, with concrete C16/20. Calculation by m3 of the embedded material including the rim formwork.	m3	7	800,00	5.600,00		0,17	136,00	6,83	5.464,00
E.3.1.2	Concreting in C35/45 concrete. This item includes production, i.e. supply and transportation of concrete, placement and curing of fresh concrete. This item also includes the appropriate formwork, and all the materials and works related to that. Calculation is conducted per m3 of placed concrete.									
	a) LEACHATE COLLECTION RESERVOIR	m3	47	1.500,00	70.500,00		12,47	18.705,00	34,53	51.795,00
E.3.1.3	Supply, cutting, bending, transportation and placing of reinforcement. This item includes all the work and material. Calculation is conducted per kg of placed reinforcement.									
	a) LEACHATE COLLECTION RESERVOIR	kg	4.700,00	7,50	35.250,00	757,5	5.681,25		5457,5	40.931,25
E.3.1.4	Supply, delivery and installation of cast iron canal cover of circular shape with a dimension 150x120 cm. It includes all needed works and materials for the installation of the reservoir.									
	Cover class B 125 kN, according to HRN EN-124:2005	psc	1	4.500,00	4.500,00				1	4.500,00
E.3.1	Leachate collection reservoir TOTAL				115.850,00		5.681,25		18.841,00	102.690,25
E.3.2	Pipeline									
E.3.2.1	Procurement, placement and installation of PEHD pipes OD315mm, SDR11 with perforation on 2/3 of total surface for the collection and drainage of leachate. Item includes procurement and installation of electrofusion sockets for pipe connection.	m	795	435,00	345.825,00		104,36	45.396,60	690,64	300.428,40
E.3.2.2	Procurement, placement and installation of full PEHD pipes OD315mm, SDR11 for the collection and drainage of leachate. Item includes procurement and installation of electrofusion sockets for pipe connection and the necessary flanged pieces.	m	145	435,00	63.075,00	2,61	1.135,35		147,61	64.210,35

		CONTRACTED G.T.TRADE include VO1			Increase of works by VO2		Decrease of works by VO2		Total by VO 2	
E.3.2.3	Procurement and installation of the PEHD revision shaft Ø1600 mm, SN8 with PEHD Ø800 mm entry opening and top cover, bottom of the shaft thickness 20.0 mm, with PEHD ladders with safety cage and ventilation openings. Item includes all necessary fittings and parts for constructing the pipe line connections for the seepage water Procurement from the repository and pipe line connections for water drainage toward the pump shaft.	psc	2	13.000,00	26.000,00				2	26.000,00
E.3.2	Pipeline TOTAL				434.900,00	1.135,35	45.396,60			390.638,75
E.3	Leachate collection system TOTAL				550.750,00	6.816,60	64.237,60			493.329,00
E.4	Cover sealing layer									
E.4.1	Earthworks									
E.4.1.1	MIDDLE SEALING LAYER The construction of the layer for levelling (lining layer) made of soil in the thickness of d=25 cm. The works have to be realized according to the design. The item includes loading, transport, spreading and compaction of the base to the necessary compaction level. The item includes all the necessary testing specified in the chapter Quality control and quality assurance programme. The calculation is conducted per m3 of developed area.	m3	357	20,00	7.140,00		357	7.140,00		
E.4.1.2	COVER SEALING LAYER The construction of the layer for levelling (lining layer) made of soil in the thickness of d=25 cm. The works have to be realized according to the design. The item includes loading, transport, spreading and compaction of the base to the necessary compaction level. The item includes all the necessary testing specified in the chapter Quality control and quality assurance programme. The calculation is conducted per m3 of developed area.	m3	6.670,00	20,00	133.400,00		586,39	11.727,80	6083,61	121.672,20
E.4.1.3	Supply, delivery and placement of recultivation layer made of soil. Thickness of layer is 0,81 m. Characteristics, testing and manner of placing recultivation layer into the cover sealing layer have to be realized in the manner described in the design and according to the instructions of the producer. Recultivation layer can be placed only after testing proves its quality and it is approved by the supervising engineer. Calculation is conducted per m3 of lined surface. The item also includes all the necessary testing specified in the chapter Quality control and insurance programme.	m3	21.610,00	32,00	691.520,00	2967,76	94.968,32		24577,76	786.488,32
E.4.1.4	Supply, delivery and placement of humus layer. Thickness of layer is 0,20 m. Characteristics, testing and manner of placing humus into the cover sealing layer have to be realized in the manner described in the design and according to the instructions of the producer. Recultivation layer can be placed only after testing proves its quality and it is approved by the supervising engineer. Calculation is conducted per m2 of lined surface. The item also includes all the necessary testing specified in the chapter Quality control and insurance programme.	m2	5.335,00	20,00	106.700,00		5335	106.700,00		
E.4.1	Earthworks TOTAL				938.760,00	94.968,32	125.567,80			908.160,52
E.4.2	Geosynthetic works									
E.4.2.1	INTERSEALING Supply, delivery and placement of the geotextile of 400 g/m2 weight in the middle sealing layer of the disposal site, before and after the placement of the HDPE geomembrane so the quantity is calculated twice. Characteristics, testing and manner of placing the geotextile into the middle sealing layer have to be realised in the manner described in the design and according to the instructions of the producer. Geotextile can be placed only after testing proves its quality and it is approved by the supervising engineer. Calculation is conducted per m2 of lined surface and it includes all the losses occurred due to overlap and cutting. The item also includes all the necessary testing specified in the chapter Quality control and insurance programme.	m2	1.426,00	9,50	13.547,00		1426	13.547,00		

		CONTRACTED G.T.TRADE include VOI			Increase of works by VO2		Decrease of works by VO2		Total by VO 2	
	and delivery and unloading with a crane or forklift, and fixing anchor bolts. - merger with all mutual, previously deposited, lines to the full functionality of the plant, including the connection to FeZn grounding strap. -triali work (manual and automatic remote switching) -with the plant is delivered user's and maintenance manual in English and Croatian language, the factory test report and Croatian certificates. -making the Minutes of the handover.	set	1	7.000,00	7.000,00				1	7.000,00
G.1.3	Supply, delivery and pouring diesel fuel for testing aggregate operation, the amount min. 30 liters.	set	1	1.200,00	1.200,00				1	1.200,00
G.1	Generator station TOTAL				153.200,00					153.200,00
G.2	Main power distribution									
G.2.1	Delivery and installation of the main stand-alone control cabinet layout tags GRO, made of polyester, with full double doors equipped with a type lock and key, mounting plate, DIN rail, canopy, sealing washer to the bottom of the closet and a standard polyester base height h = 900mm, protect min. IP54, dimensions min. 1500 × 1250 × 420mm (H x W x D), as a type of PLA Thalassa "Schneider" or equivalent. The cabinet is installed below specified equipment type "Schneider" or equivalent, as follows									
	• MCCB rated current up to 160A, equipped with electronic protection unit Micrologic 5.2A, leakage module 300mA and MX voltage trigger, 4P4D as type NSX160B or equivalent	pcs	1	5.000,00	5.000,00				1	5.000,00
	• surge arresters type 2 + 3, 40 / 15kA, 4P, for TN-S system, complete with changing cartridges	pcs	1	2.500,00	2.500,00				1	2.500,00
	• Percussion mushroom push button for the door (or housing) closet, with 1xCO contact 230V, red, min. IP55	pcs	1	2.000,00	2.000,00				1	2.000,00
	• MCCB rated current up to 100A, equipped with electronic protection unit Micrologic 5.2A, 3P3D as type NSX100F or equivalent	pcs	1	350,00	350,00				1	350,00
	• MCCB rated current up to 100A, equipped with thermal-magnetic protection unit TM-D 40A, 3P3D as type NSX100F or equivalent	pcs	1	1.600,00	1.600,00				1	1.600,00
	• circuit breaker rated current C40A / 3p as type iC60N or equivalent	pcs	2	1.600,00	3.200,00				2	3.200,00
	• circuit breaker rated current C32A / 3p as type iC60N or equivalent	pcs	2	600,00	1.200,00				2	1.200,00
	• circuit breaker rated current C25A / 3p as type iC60N or equivalent	pcs	2	170,00	340,00				2	340,00
	• circuit breaker rated current C16A / 3p as type iC60N or equivalent	pcs	6	700,00	4.200,00				6	4.200,00
	• circuit breaker rated current C16A / 4p as type iC60N or equivalent, equipped with a Vigi differential module 30mA / 4p	pcs	2	140,00	280,00				2	280,00
	• circuit breaker rated current C10A / 3p as type iC60N or equivalent	pcs	1	40,00	40,00				1	40,00
	• circuit breaker rated current C16A / 1p as type iC60N or equivalent	pcs	2	40,00	80,00				2	80,00
	• circuit breaker rated current C10A / 1p as type iC60N or equivalent	pcs	2	40,00	80,00				2	80,00
	• circuit breaker rated current B10A / 1p as type iC60N or equivalent	pcs	2	40,00	80,00				2	80,00
	• circuit breaker rated current B6A / 1p as type iC60N or equivalent	pcs	1	40,00	40,00				1	40,00
	• circuit breaker rated current B4A / 1p as type iC60N or equivalent	pcs	1	40,00	40,00				1	40,00
	• circuit breaker rated current B2A / 1p as type iC60N or equivalent	pcs	4	40,00	160,00				4	160,00
	• cam switch 40A / 3p for inner cabinet doors	pcs	1	450,00	450,00				1	450,00
	• cam switch 25A / 1p for inner cabinet doors	pcs	6	400,00	2.400,00				6	2.400,00
	• rippled election switch 1-0-2, 12A / 1p, the inner cabinet doors	pcs	1	340,00	340,00				1	340,00
	• installation coupler 25A / 3P / 230V	pcs	2	400,00	800,00				2	800,00
	• signal light 2A / 230V green	pcs	3	45,00	135,00				3	135,00
	• light switch (luxomat) 2-2000lx, complete with outdoor sensor in the protection min. IP54	pcs	1	320,00	320,00				1	320,00
	• thermostat temperature control TS140 or equivalent	pcs	1	400,00	400,00				1	400,00
	• higrrotermostat temperature control or HS3000 or equivalent	pcs	1	2.200,00	2.200,00				1	2.200,00
	• resistive heater CR 90W / 230V / 50Hz	pcs	1	1.200,00	1.200,00				1	1.200,00
	• Light cabinet 11W / 230V, with magnet	pcs	1	220,00	220,00				1	220,00
	• terminal blocks up to 95mm2	pcs	4	110,00	440,00				4	440,00
	• terminal blocks up to 35mm2	pcs	3	22,00	66,00				3	66,00
	• terminal blocks to 10-16mm2	pcs	15	20,00	300,00				15	300,00
	• terminal blocks up to 6mm2	pcs	15	10,00	150,00				15	150,00
	• terminal blocks up to 2.5mm2	pcs	30	7,00	210,00				30	210,00

			CONTRACTED G.T.TRADE include VO1		Increase of works by VO2		Decrease of works by VO2		Total by VO 2	
	• sealing plate to the bottom of the closet and entry pipes and cables	pcs	1	300,00	300,00				1	300,00
	• grid ventilation for IP54 protection	pcs	1	400,00	400,00				1	400,00
	• L1, L2 and L3 insulated needle-pole bus, N and PE bus, copper bus bars, insulators, terminals, conductors for wiring, connecting material, labels, nameplates, screws and fittings, equipment carriers, cover plates, with lock mask and keys and other small materials. Offer:									
		set	1	720,00	720,00				1	720,00
G.2.2	Supply and laying of 1 kV power cables with flexible HERP insulation and PVC sheath, according to the lower specification. The cables are laid in the previously passed PVC pipes in ducts. The sentence included mutually connecting cable with all necessary equipment to full functionality.									
	5xFG70R 1x95mm2	m'	20	405,00	8.100,00				20	8.100,00
	5xFG70R 1x35mm2	m'	90	185,00	16.650,00				90	16.650,00
	FG70R 5x10mm2	m'	240	55,00	13.200,00				240	13.200,00
	FG70R 5x6mm2	m'	20	43,00	860,00				20	860,00
	FG70R 3x1,5mm2	m'	50	11,00	550,00				50	550,00
	FG70R 5x2,5mm2	m'	50	22,00	1.100,00				50	1.100,00
	NHXH E30 2x1,5mm2	m'	20	25,00	500,00				20	500,00
	NY Y 16x1,5mm2	m'	100	39,00	3.900,00				100	3.900,00
G.2.3	Supply and laying of double wall corrugated PVC / HDPE pipes in pre-prepared earthen trench to the lower specification. The pipes must be made of high density polyethylene, with a corrugated outer wall and an inner smooth, suitable for direct burial in the ground and concrete. All pipe to perform a standard couplings. All segments laid pipes must be equipped with a trailer for broaching metal cable.									
	• 1 x PVC Ø50mm	m'	25	28,00	700,00				25	700,00
	• 2 x PVC Ø50mm	m'	30	52,00	1.560,00				30	1.560,00
	• 3 x PVC Ø50mm	m'	30	80,00	2.400,00				30	2.400,00
	• 1 x PVC Ø110mm	m'	30	40,00	1.200,00				30	1.200,00
	• 2 x PVC Ø110mm	m'	90	80,00	7.200,00				90	7.200,00
	• 3 x PVC Ø110mm	m'	35	120,00	4.200,00				35	4.200,00
	• 4 x PVC Ø110mm	m'	40	150,00	6.000,00				40	6.000,00
	• 1 x PVC Ø160mm	m'	20	60,00	1.200,00				20	1.200,00
G.2.4	Preparation and connect the power cable to 5x35mm2 the distributor housings, complete with all necessary equipment and works. Calculation per piece unilaterally.	set	25	195,00	4.875,00				25	4.875,00
G.2.5	Delivery and installation of 1 kV underground cable connectors for power cables type Raich "TYCO" or equivalent, for the following cables:									
	• 5x35 Cu	pcs	2	360,00	720,00				2	720,00
	• 5x10 Cu	pcs	3	360,00	1.080,00				3	1.080,00
	• 5x6 Cu	pcs	2	300,00	600,00				2	600,00
	Offer:									
G.2.6	Delivery and installation of a full metal cable channel made of stainless steel, complete with cover and mounting accessories. The channel dimensions of 100 / 50mm. The channel is mounted on the front of the building for staff from the floor to the position of connection sockets and GTDI.	m'	4	200,00	800,00				4	800,00
G.2.7	Supply and installation of industrial plug IEC 309 3P + N + PE 16 (32) A / 400V. The plug is installed on the power cable to the building for staff. The plug must be protection min. IP67.	pcs	1	200,00	200,00				1	200,00
G.2.8	Production of construction pits for installation pedestal cabinets GRO, RO.PK, RO.PV and RO.O.V After mounting surface to its original condition and the excess material disposed. The sentence included all the material and labor for excavation and installation of stands, to full functionality.	pcs	4	750,00	3.000,00				4	3.000,00
G.2.9	Delivery and installation of rigid pipe installation PNT Ø19-22mm on the walls of buildings, complete with brackets and wiring accessories.	m'	50	29,00	1.450,00				50	1.450,00

		CONTRACTED G.T.TRADE include VO1			Increase of works by VO2		Decrease of works by VO2		Total by VO 2	
G.2.10	Supply, installation and connection of the intermediate disconnecting push button for emergency switching off power to protect min IP55, red color, with removable front slides. Push button must be equipped contact 1xC / O 2A / 230V.	pcs	1	300,00	300,00				1	300,00
G.2	Main power distribution TOTAL				114.586,00					114.586,00
G.3	Electric installation of building for personnel									
G.3.1	Delivery and installation of wall the intermediate control cabinet layout tags R.O.K, made of PVC, with full door equipped with a type lock and DIN rails. The cabinet is installed below specified equipment type "Schneider" or equivalent, as follows: <ul style="list-style-type: none"> • current protection switch 40A / 0.03 / 4p • circuit breaker rated current C16A / 1p as type iC60N or equivalent • circuit breaker rated current B16A / 1p as type iC60N or equivalent • circuit breaker rated current B10A / 1p as type iC60N or equivalent • circuit breaker rated current B6A / 1p as type iC60N or equivalent • terminal blocks up to 6mm2 • terminal blocks up to 2.5mm2 • L1, L2 and L3 insulated needle-pole bus, N and PE busbars, insulators, terminals, conductors for wiring, connecting material, labels, nameplates, screws and fittings, equipment carriers, cover plates, lock the mask and keys and other small materials. Offer:	pcs	1	1.350,00	1.350,00				1	1.350,00
		pcs	1	35,00	35,00				1	35,00
		pcs	6	35,00	210,00				6	210,00
		pcs	3	35,00	105,00				3	105,00
		pcs	1	35,00	35,00				1	35,00
		pcs	4	10,00	40,00				4	40,00
		pcs	15	10,00	150,00				15	150,00
		set	1	600,00	600,00				1	600,00
G.3.2	Supply and installation of power cables with PVC insulation and PVC sheath, according to the lower specification. The cables are laid in the previously passed PVC pipes or PVC tiles. The sentence included mutually connecting cable with all necessary equipment to full functionality. NYM 3x1,5mm2 NYM 3x2,5mm2	m'	40	12,00	480,00				40	480,00
		m'	250	15,00	3.750,00				250	3.750,00
G.3.3	Supply and installation of PVC cable channel dim. Approx 100x60cm. The channels are placed in the building for staff in the ceiling. The sentence included fittings, covers and mounting accessories.	m'	30	110,00	3.300,00				30	3.300,00
G.3.4	Supply and installation of PNT pipes Ø20mm, complete with brackets and mounts. The pipes are laid in the building for staff in the vertical divorce.	m'	25	30,00	750,00				25	750,00
G.3.5	Supply and installation of PVC trunking. The channels are placed in the building for staff above the desk. The sentence included fittings, covers and mounting accessories.	m'	4	100,00	400,00				4	400,00
G.3.6	Supply, installation and connection of the double socket 16A / 230V 2P + E for installation in trunking.	pcs	3	120,00	360,00				3	360,00
G.3.7	Supply, installation and connection of plaster socket 16A / 230V 2P + E for installation in the building for personnel	pcs	5	90,00	450,00				5	450,00
G.3.8	Supply, installation and connection of plaster switches 10A / 230V 1P for installation in the building for personnel	pcs	6	90,00	540,00				6	540,00
G.3.9	Supply, installation and connection of Vanity ceiling lamps with shiny grid and fluorescent light sources 2x35W, as type wedge "INDORA" or equivalent. Offer:	pcs	1	540,00	540,00				1	540,00
G.3.10	Supply, installation and connection of Vanity ceiling lamps in protecting min. IP44, insulation class II, with saving light source.	pcs	5	300,00	1.500,00				5	1.500,00
G.3.11	Supply, installation and connection of Vanity wall lamps in protecting min. IP55, with saving light source.	pcs	1	320,00	320,00				1	320,00

		CONTRACTED G.T.TRADE include VO1			Increase of works by VO2		Decrease of works by VO2		Total by VO 2	
G.3.12	Delivery and installation of emergency lighting autonomy 1 hour of work, with a fluorescent light source 1x8W and pictogram "EXIT". The lamp must be in preparatory compound.	m'	1	450,00	450,00				1	450,00
G.3.13	Connecting the mechanical consumer to previously laid the power cable, including water heater, pump hot water, wardrobe R, S and air unit. The sentence included all papers and accessories to full functionality.	pcs	5	100,00	500,00				5	500,00
G.3.14	Delivery and installation of wall the intermediate control cabinet layout marking R, S, made of steel, with full door equipped with a type lock. On the closet door is installed below specified equipment for signaling the state of the basin for leachate or closet PSF, as follows: • Push-button for switching off the pump 2A / 230V, red • signal light 2A / 230V red • signal light 2A / 230V yellow • beeper buzzer to signal alarm • guides for wiring, fittings and similar Offer:	pcs	1	600,00	600,00				1	600,00
		pcs	3	80,00	240,00				3	240,00
		pcs	1	80,00	80,00				1	80,00
		pcs	1	400,00	400,00				1	400,00
		pcs	1	400,00	400,00				1	400,00
		set	1	1.720,00	1.720,00				1	1.720,00
G.3	Electric installation of building for personnel TOTAL				19.305,00					19.305,00
G.4	Electric installation of garage for compactor									
G.4.1	Delivery and installation of wall the intermediate control cabinet layout tags RO.gk, made of steel, with full door equipped with a type lock and DIN rails. Wardrobe approx. 800x600x230mm, the protection IP55. The cabinet is installed below specified equipment type "Schneider" or equivalent, as follows: • current protection switch 63A / 0.03 / 4p • break switch 63A / 3p with Shunt • circuit breaker rated current C16A / 3p as type iC60N or equivalent • circuit breaker rated current C16A / 1p as type iC60N or equivalent • circuit breaker rated current B16A / 1p as type iC60N or equivalent • circuit breaker rated current B10A / 1p as type iC60N or equivalent • circuit breaker rated current C10A / 3p as type iC60N or equivalent • circuit breaker rated current B6A / 1p as type iC60N or equivalent • circuit breaker rated current B2A / 1p as type iC60N or equivalent • signal light 2A / 230V green • Percussion mushroom push button for the door (or housing) closet, with 1xCO contact 230V, red, min. IP55 • break switch 25A / 1p / 230V for cabinet doors • socket 16A 230V 2P+E for cabinet IEC 309 • thermostat temperature control TS140 or equivalent • higrrotermostat temperature control or HS3000 equivalent • resistive heater CR 90W / 230V / 50Hz • Light cabinet 11W / 230V, with magnet • terminal blocks up to 10mm2 • terminal blocks up to 2.5mm2 • L1, L2 and L3 insulated needle-pole bus, N and PE busbars, insulators, terminals, conductors for wiring, connecting material, labels, nameplates, screws and fittings, equipment carriers, cover plates, lock the mask and keys and other small materials. Offer:	pcs	1	510,00	510,00				1	510,00
		pcs	1	2.300,00	2.300,00				1	2.300,00
		pcs	5	110,00	550,00				5	550,00
		pcs	3	32,00	96,00				3	96,00
		pcs	2	30,00	60,00				2	60,00
		pcs	4	30,00	120,00				4	120,00
		pcs	3	105,00	315,00				3	315,00
		pcs	2	30,00	60,00				2	60,00
		pcs	4	30,00	120,00				4	120,00
		pcs	3	40,00	120,00				3	120,00
		pcs	1	330,00	330,00				1	330,00
		pcs	3	430,00	1.290,00				3	1.290,00
		pcs	1	200,00	200,00				1	200,00
		pcs	1	380,00	380,00				1	380,00
		pcs	1	3.000,00	3.000,00				1	3.000,00
		pcs	1	950,00	950,00				1	950,00
		pcs	1	230,00	230,00				1	230,00
		pcs	4	15,00	60,00				4	60,00
		pcs	15	7,00	105,00				15	105,00
		set	1	400,00	400,00				1	400,00
G.4.2	Supply and laying of 1 kV power cables with flexible HERP insulation and PVC sheath, according to the lower specification. The cables are laid in the previously passed PK channels and PNT pipes in the garage for the compactor. The sentence included mutually connecting cable with all necessary equipment to full functionality. • FG70R 3x1,5mm2 • FG70R 3x2,5mm2 • FG70R 5x2,5mm2 • NHXH E30 2x1,5mm2	m'	120	11,00	1.320,00				120	1.320,00
		m'	90	15,00	1.350,00				90	1.350,00
		m'	90	20,00	1.800,00				90	1.800,00
		m'	25	22,00	550,00				25	550,00

		CONTRACTED G.T.TRADE include VO1			Increase of works by VO2		Decrease of works by VO2		Total by VO 2	
G.4.3	Supply and installation of perforated sheet metal cable channel (PKK) in size to a standard wall mounts. The channels are laid on the walls of the garage in the ceiling. The sentence included all the necessary mounting hardware, fittings and the like.									
	• PKK 100/50mm	m'	40	105,00	4.200,00				40	4.200,00
	• PKK 50/35mm	m'	30	80,00	2.400,00				30	2.400,00
G.4.4	Supply and installation of PNT pipes Ø20mm, complete with brackets and mounts. The pipes are laid in a garage in the vertical distribution	m'	70	23,00	1.610,00				70	1.610,00
G.4.5	Supply and installation of bus Equipotential visible variations. The bus must be able to accept the tape 30x3,5mm and 10 guide section 6-16mm2.	pcs	1	310,00	310,00				1	310,00
G.4.6	Supply, installation and connection of plaster socket 16A / 230V 2P + E for installation in the garage.	pcs	5	90,00	450,00				5	450,00
G.4.7	Supply, installation and connection of plaster socket 16A / 230V 3P + N + PE for installation in the garage.	pcs	5	145,00	725,00				5	725,00
G.4.8	Supply, installation and connection of Vanity ceiling lamps in protecting min. IP66 and LED light sources 1x59W as type FUTURA 2.5ft PC A1 8000/840 or equivalent. Offer:	pcs	9	900,00	8.100,00				9	8.100,00
G.4.9	Delivery and installation of emergency lighting autonomy 1 hour of work, with a fluorescent light source 1x11W and pictogram "EXIT". The lamp has to be in the preliminary junction, protection IP55.	m'	1	400,00	400,00				1	400,00
G.4.10	Connecting the mechanical consumer to previously laid the power cable. The sentence included all papers and accessories to full functionality.	pcs	1	400,00	400,00				1	400,00
G.4.11	Supply, installation and connection of the intermediate disconnecting push button for emergency switching off power to protect min IP55, red color, with removable front slides. Push button must be equipped contact 1xC / O 2A / 230V.	pcs	1	300,00	300,00				1	300,00
G.4.12	Supply green-yellow guide and performance connectivity conductive parts earthed. In paragraph included all the necessary fittings and works up to full functionality. • H07V-K 1x6mm2 • H07V-K 1x16mm2	m'	50	10,00	500,00				50	500,00
		m'	30	20,00	600,00				30	600,00
G.4	Electric installation of garage for compactor TOTAL				36.211,00					36.211,00
G.5	LPS of garage for compactor									
G.5.1	The supply and laying of stainless steel strips P30x3,5mm Rf in the concrete foundation of the garage. All compounds are cleaved and implement a standard cross stainless steel fittings "strip-tape " and coated with bitumen coating.	m'	50	48,00	2.400,00				50	2.400,00
G.5.2	Creating a branch (lateral lines) with a grounding in the basis, the average length l = 4m stainless steel strip P30x3,5mm by cross-coupling. The compound coated with bitumen.	pcs	7	220,00	1.540,00				7	1.540,00
G.5.3	The implementation of ground available and foreign conductive mass connecting the grounding strap. Compound perform screw, the type coupler or welding, complete with all necessary material.	pcs	5	100,00	500,00				5	500,00
G.5.4	Supply and laying of main drains LPS made of stainless steel wire Ø8mm on a section of the measurement compounds to the roof (of reception lines). The sentence included and standard stainless steel wall brackets. The length of the drain is an average of 5m.	pcs	4	240,00	960,00				4	960,00

		CONTRACTED G.T.TRADE include VO1			Increase of works by VO2		Decrease of works by VO2		Total by VO 2	
G.5.5	Laying the main drain LPS made of stainless steel strips P30x3,5mm the share of measuring compounds to the floor (ground fault). The sentence included and standard stainless steel wall brackets to the wall. Length of the line is Mean 3m.	pcs	4	300,00	1.200,00				4	1.200,00
G.5.5	Supply and installation of vertical type of protection the main drain LPS on the section of the floor to the measurement circuit. The sentence included mounting accessories for installation.	pcs	4	300,00	1.200,00				4	1.200,00
G.5.6	Supply and laying of roofing system clamps - Stainless steel wire Ø8mm on a standard stainless steel roof beams according to the type of roof covering. Compounds perform a standard stainless steel fittings.	m'	1	300,00	300,00				1	300,00
G.5.7	Supply of materials and performance measurement circuit by disconnection of cross stainless steel fittings "strip-wire ".	pcs	4	200,00	800,00				4	800,00
G.5.8	The supply of materials and circuit design of the vertical gutters on a copy of the grounding using standard stainless steel gutter.	pcs	10	130,00	1.300,00				10	1.300,00
G.5.9	Supply of materials and execution of joint horizontal gutters on the main drainage system LPS using standard stainless steel fittings.	pcs	10	130,00	1.300,00				10	1.300,00
G.5	LPS of garage for compactor TOTAL				11.500,00					11.500,00
G.6	Electric installation of outdoor lighting									
G.6.1	Supply, laying and mutually connecting 1 kV power cables with flexible HERP insulation and PVC sheath, according to the lower specification. The cables are laid in PVC pipe in the ditch on a sandy bed. PVC pipe previously placed.									
	• FG70R 5×6 mm2	m'	35	40,00	1.400,00				35	1.400,00
	• FG70R 5×10 mm2	m'	180	58,00	10.440,00				180	10.440,00
G.6.2	Supply and laying of double wall corrugated PVC / HDPE pipes in pre-prepared earthen trench to the lower specification. The pipes must be made of polyethylene, with ribbed outer wall and an inner smooth, suitable for direct burial in the ground and concrete. All pipe to perform a standard connectors. All segments laid pipes must be equipped with a trailer for broaching metal cable.									
	• 1 × PVC Ø50mm	m'	180	26,00	4.680,00				180	4.680,00
G.6.3	Supply, laying and connecting the internal wiring of lighting columns:									
	• NY Y (PP0-Y) 3×1,5 mm	m'	100	11,00	1.100,00				100	1.100,00
G.6.4	Supply, installation and centering lighting columns height 10 (10.9) m, conical octagonal performance, hot galvanized, threaded, for the wind zone 3, scheduled for installation bracket and lamp outdoor lighting, as well as the type of KORS 2A-1000-3 ' DALEKOVOD " or equivalent. Top column seal. Calculation per piece including materials and installation of the pre-prepared foundation.	pcs	4	4.900,00	19.600,00				4	19.600,00
G.6.5	Supply and installation of dividing the column exterior lighting with built-D01 (E14) fuses. The divide must be able to accept min. 3 cable (input / output) number of wires and sections to 5x10mm2. For protection circuitry lights on a pole divide must be equipped with min. 3 D01 fuse rated current of 4A. The divide as type EKM 2050 " TYCO " or equivalent.									
	Offer	pcs	4	270,00	1.080,00				4	1.080,00
G.6.6	Supply of small installation materials (cable terminals, sleeves, etc.), Preparing the cable and connecting cable 5x6 (10) mm2 to divide the pillar or closet. Calculation per piece of cable, one-sided.	pcs	10	370,00	3.700,00				10	3.700,00

		CONTRACTED G.T.TRADE include VO1			Increase of works by VO2		Decrease of works by VO2		Total by VO 2	
G.6.7	Supply and mounting brackets 2 reflectors on a pole height of 10m, with swivel plates made according to the type of tendered limelight because it enables rotation reflector per horizontal axis. Material iron access manded by hot dip galvanizing, all fixing and other accessories must be protected by anti-corrosion or stainless materials.	pcs	4	270,00	1.080,00				4	1.080,00
G.6.8	Supply, installation and connection of luminaires reflector, a source LED, aluminum housing, powder painted, silicone seal, tempered glass, IP66 protection, swivel bracket, lifespan L70 (70% of nominal light output) 130000h. Characteristics of origin: - Asymmetric optics - Usable (real) luminous flux $\geq 23\ 770\ \text{lm}$ - Light-efficiency lamps $\geq 99\ \text{lm} / \text{W}$ - Total power (LED module + gear) $\leq 238\ \text{W}$ - Color light $\leq 4000\text{K}$ - CRI (Ra) ≥ 70 Flashlight with ENEC certification, the manufacturer must have a certificate of ISO9001, all such type Guell 3 A / W , " SBP "" or equivalent.	pcs	8	6.750,00	54.000,00				8	54.000,00
G.6.9	The supply and laying of stainless steel strips P30x3,5mm RF cable with outdoor lighting, previously prepared in an earthen trench, complete with stainless steel fittings and accessories.	m'	60	46,00	2.760,00				60	2.760,00
G.6.10	The supply of stainless steel strips P30x3,5mm Rf and execution ground pillars of external lighting by connecting the grounding screw pillar and ground electrode in a trench. The sentence included stainless steel cross-coupling, "tape-strip", "tape 1 = 2m, and small installation supplies and accessories.	set	4	160,00	640,00				4	640,00
G.6.11	Setting the (routing) reflector in accordance with the project and the results of measurements of illumination on the ground. The sentence included the measurement of illumination before and after fine tuning lamps.	set	1	2.000,00	2.000,00				1	2.000,00
G.6	Electric installation of outdoor lighting TOTAL				102.480,00					102.480,00
G.7	Integral grounding									
G.7.1	The supply and laying of stainless steel strips P30x3,5mm R in previously prepared soil trench along the ducts and energy for grounding available and foreign conductive parts (metal masses) in the building. All compounds perform a standard cross stainless steel fittings "strip-tape " and coated bitumen coating.	m'	200	46,00	9.200,00				200	9.200,00
G.7.2	Development of lateral lines with grounding in the trenches, the average length l = 2.5m stainless steel strip P30x3,5mm Rf by cross-coupling (grounding conductive parts, introduced in wells, etc.). The compound coated with bitumen.	pcs	35	155,00	5.425,00				35	5.425,00
G.7.3	The implementation of ground available and foreign conductive mass connectivity to previously made copies of the tapes grounding. Compound perform screw, the type coupler or welding, complete with all necessary material.	pcs	35	150,00	5.250,00				35	5.250,00
G.7.4	Supply of materials and execution ground (potential equalization) available and foreign conductive mass connecting green-yellow conductor type H07V-K 1x6mm2. Compound perform screw, the type coupler, complete with all necessary material. Cable length approx. 5m per joint.	pcs	20	70,00	1.400,00				20	1.400,00
G.7.5	Supply of materials and execution ground (potential equalization) available and foreign conductive mass connecting green-yellow conductor type H07V-K 1x6mm2. Compound perform screw, the type coupler, complete with all necessary material. Cable length approx. 5m per joint.	pcs	15	70,00	1.050,00				15	1.050,00

		CONTRACTED G.T.TRADE include VO1			Increase of works by VO2		Decrease of works by VO2		Total by VO 2	
G.7.6	Supply of materials and execution grounded fence landfill at prescribed intervals in accordance with project documentation. The item is included below specified outfitting and material, with the installation, including nailing ground rod electrode (alt. Drilling), excavation pits and installation of the grounding wells and other work to full advantage. • grounding HDPE well 30x30x30cm - 1 pc • rod (stick) earthing Ø12mm, l = 2m - 1 pc • Stainless steel strip P30x3,5mm Rf, l = 3m - 1 pc • Stainless steel cross-coupling - 1 pc • Stainless steel joints (clip) for a fence - 1 pc • small fittings and accessories - 1 set	set	15	3.000,00	45.000,00				15	45.000,00
G.7.7	Delivery and installation assembly for dissipating static electricity and ground car tanks during refueling of diesel generators, as well as type SKX 15/41 ST "TEPEX" or equivalent.	pcs	1	2.400,00	2.400,00				1	2.400,00
G.7	Integral grounding TOTAL				69.725,00					69.725,00
G.8	Grounding of reservoirs									
G.8.1	The supply and laying of stainless steel strips P30x3,5mm R in previously prepared soil trench wash area wheel and grounding available and foreign conductive parts (metal masses) in wash area. All compounds perform a standard cross stainless steel fittings "strip-tape " and coated with bitumen coating .	m'	50	47,00	2.350,00				50	2.350,00
G.8.2	The supply and laying of stainless steel strips P30x3,5mm Rf in concrete foundations, walls and ceilings of the pool for leachate and storm water and based vehicular balances. All compounds perform a standard cross stainless steel fittings "strip-tape " and coated with bitumen coating.	m'	150	47,00	7.050,00				150	7.050,00
G.8.3	Development of lateral lines with grounding in the trenches or concrete, the average length l = 2.5m stainless steel strip P30x3,5mm Rf by cross-coupling (grounding conductive parts, etc.). The compound coated with bitumen.	pcs	42	155,00	6.510,00				42	6.510,00
G.8.4	The implementation of ground available and foreign conductive mass connectivity to previously made copies of the tapes grounding. Compound perform screw, the type coupler or welding, complete with all necessary material.	pcs	42	150,00	6.300,00				42	6.300,00
G.8.5	Supply of materials and execution ground (potential equalization) available and foreign conductive mass connecting green-yellow conductor type H07V-K 1x6mm2. Compound perform screw, the type coupler, complete with all necessary material. Cable length approx. 5m per joint.	pcs	30	70,00	2.100,00				30	2.100,00
G.8.6	Supply of materials and execution ground (potential equalization) available and foreign conductive mass connecting green-yellow conductor type H07V-K 1x6mm2. Compound perform screw, the type coupler, complete with all necessary material. Cable length approx. 5m per joint.	pcs	30	70,00	2.100,00				30	2.100,00
G.8	Grounding of reservoirs TOTAL				26.410,00					26.410,00
G.9	Construction works									
G.9.1	Tracing the trench - marking the route of cable laying, cable wells and foundations of the pillars of external lighting. The course is conducted on the ground.	m'	250	2,00	500,00				250	500,00
G.9.2	Excavation of trench for laying cables and pipes for electrical installations (OG, VR), regardless of the category of the terrain, with planning bottom of the trench, dimensions 60 x 100 cm (W x H) with the correct cuts the sides. Material from excavation disposed on the side min 1m from the edge trench.	m'	15	70,00	1.050,00				15	1.050,00
G.9.3	Excavation of trench for laying cables and pipes for electrical installations (OG, VR), regardless of the category of the terrain, with planning bottom of the channel dimensions 40-60 x 80 cm (W x H) with the correct cuts the sides. Material from excavation disposed on the side min 1m from the edge of the trench.	m'	210	60,00	12.600,00				210	12.600,00

		CONTRACTED G.T.TRADE include VO1			Increase of works by VO2		Decrease of works by VO2		Total by VO 2	
G.1	GENERATOR STATION			153.200,00						153.200,00
G.2	MAIN POWER DISTRIBUTION			114.586,00						114.586,00
G.3	ELECTRIC INSTALLATION OF BUILDING FOR PERSONNEL			19.305,00						19.305,00
G.4	ELECTRIC INSTALLATION OF GARAGE FOR COMPACTOR			36.211,00						36.211,00
G.5	LPS OF GARAGE FOR COMPACTOR			11.500,00						11.500,00
G.6	ELECTRIC INSTALLATION OF OUTDOOR LIGHTING			102.480,00						102.480,00
G.7	INTEGRAL GROUNDING			69.725,00						69.725,00
G.8	GROUNDING OF RESERVOIRS			26.410,00						26.410,00
G.9	CONSTRUCTION WORKS			74.760,00						74.760,00
G.10	INSTALLATION TESTS AND TECHNICAL DOCUMENTATION			14.500,00						14.500,00
G	ELECTROTECHNICAL WORKS SUMMARY			622.677,00						622.677,00
ADENDA no.1										
H.1	Mechanical excavation of class "A" material, to the elevations specified in the design. The item includes excavation, transport and disposal at the place where backfilling shall be performed. The excavation includes also the fragmentation of large pieces into grains of maximum size of 40 cm. Calculation is conducted per m3 of actually excavated and transported material in natural condition, based on surveyed profiles and in the presence of the supervising engineer who shall also determine the class and percentage of excavated material.	m3	133.272,63	83,50	11.128.264,61		8211,63	685.671,11	125061	10.442.593,50
H.2.	Cost of mobilization and demobilization of machines	set	1,00	378.634,24	378.634,24				1	378.634,24
ADENDA no.1 SUMMARY					11.506.898,85			685.671,11		10.821.227,74
ADENDA no.2										
II. VIK - VODOOPSKRBA										
II.1. Zemljani radovi										
II.1.1.	Strojni iskop materijala u B kategoriji do dubine h[m] ovisno o građevini sa vertikalnim zasjecanjem. Radove izvesti ovisno o opremljenosti i tehnologiji rada izvođača za sve dubine prema grafičkim priložima projekta. Širina rova je ovisna o normalnom profilu i veličini cjevovoda. Iskopano tlo odbacuje se u stranu unutar radnog pojasa, a ukoliko je potrebno na uskim mjestima se odvozi, međudeponira i kod zatrpavanja se ponovo dovozi na mjesto ugradbe. Način iskopa određuje izvoditelj, a obračun će biti proveden prema količinama po idealnom profilu iz glavnog projekta tako da višak iskopa treba biti ukalkuliran u cijenu i neće se naknadno priznavati. U stavku su uključeni svi potrebni radovi i oprema za razupiranje i osiguranje rova od urušavanja, prema tehnologiji izvođača radova, u skladu s propisanim uvjetima zaštite na radu, uključujući i potreban iskop za ugradnju zaštitne oplata (koji nije posebno specificiran). Iskop materijala (obračun u sraslom stanju) <u>Voda za perilište kotača</u> a) cjevovod, iskop dubine 0,9 m, - 21 m3 b) tipsko okno s priključkom za DN 32 - 2,0 m3	m ³		90,00		23,00	2.070,00		23	2.070,00
<i>(kao stavka D.1.1.)</i>										
II.1.2.	Nabava i doprema pijeska granulacije 0 - 12 mm te izrada pješčane posteljice debljine 10 cm za polaganje cjevovoda. Stavka uključuje zbijanje ručnim nahaćima. Izrada posteljice <u>Voda za perilište kotača</u> a) cjevovod - 2,3 m3 <i>(kao stavka C.2.1.4.)</i>	m ³		160,00		2,30	368,00		2,3	368,00

		CONTRACTED G.T.TRADE include VO1	Increase of works by VO2		Decrease of works by VO2		Total by VO 2	
II.1.3.	Nabava i doprema pijeska/šljunka ili drobljenog kamena granulacije 0 - 32 mm te zatrpavanje cjevovoda s debljinom nadsloja iznad tjemena cijevi od 30 cm. Stavka uključuje zbijanje ručnim nabijačima. Posebnu pažnju obratiti na bočno zbijanje materijala između cijevi i stijenke rova visine 0,5 D kako bi se dobio čim veći kut nalijeganja. Pri zatrpavanju spoj mora ostati vidljiv da se ne odvoji. Stavka ne obuhvaća Zatrpavanje zamjenskim materijalom <u>Voda za perilište kotača</u> a) cjevovod - 6,90 m ³ (kao stavka C.2.1.5.)	m ³	120,00	6,90	828,00		6,9	828,00
II.1.4.	Zatrpavanje prostora zone ispuhe rova cjevovoda iznad zone zaštite cjevovoda materijalom iz iskopa (max. veličine zrna 63 mm). Stavka uključuje utovar, prijevoz, istovar, niveliranje i zbijanje materijala do projektiranog modula stišljivosti u slojevima debljine 30 cm. <u>Voda za perilište kotača</u> a) cjevovod - 4,60 m ³ b) Tipsko okno s priključkom za DN 32 - 1,00 m ³ (kao stavka C.2.1.6.)	m ³	18,00	5,60	100,80		5,6	100,80
II.1.5.	Prijevoz viška materijala iz iskopa nakon zatrpavanja prostora oko izvedenih građevina na deponiju unutar gradilišta na udaljenosti do 500m. Stavka uključuje utovar, prijevoz i istovar te razastiranje materijala na deponiji Prijevoz materijala iz iskopa (obračun u sraslom stanju) <u>Vode s perilišta kotača</u> a) cjevovod - 16,40 m ³ b) Tipsko okno s priključkom za DN 32 - 1,00 m ³ (kao stavka C.2.1.7.)	m ³	12,00	17,40	208,80		17,4	208,80
II.1.	Zemljani radovi ukupno:				3.575,60			3.575,60
II.2.	Monterški radovi							
II.2.1.	Nabava, doprema i ugradnja glatkih PEHD tlačnih cijevi za izvedbu cjevovoda za napajanje miniwasha perilišta kotača. Stavka uključuje sav potreban rad i materijal za njihovu ugradnju. Obračun po m' ugrađene cijevi <u>Voda za perilište kotača</u> PEHD OD 32 mm, SDR 17, PE 100, PN 10	m'	50,00	60,00	3.000,00		60	3.000,00
II.2.2.	Nabava, doprema i ugradnja tipskog AB okna tlocrtnih dimenzija minimalno 1 x 1 m. Okno mora biti opremljeno priključkom za DN 32 mm (vintil 1" + brza spojka za spajanja miniwasha). Obračun prema komadu izvedenog okna. U stavku je uračunato sve potrebno za punu funkcionalnost.	kom	10.000,00	1,00	10.000,00		1	10.000,00
II.2.	Monterški radovi ukupno:				13.000,00			13.000,00
II.	VIK - VODOOPSKRBA UKUPNO				16.575,60			16.575,60
III.	KONSTRUKCIJE							
	Perilište kotača Okno perilišta kotača							
III.1	Zemljani radovi							
III.1.1.	Iskop zemlje s odlaganjem u neposrednoj blizini građevinske jame. Stavka uključuje i uređenje temeljnog tla mehaničkim zbijanjem do projektiranog modula stišljivosti. Obračun prema m ³ zemlje u sraslom stanju. Količina određena prema idealnom profilu a) Perilište kotača b) Okno perilišta kotača (kao stavka D.1.1.)	m ³	90,00	2,60	234,00		2,6	234,00
		m ³	90,00	11,00	990,00		11	990,00
III.1.2.	Nabava, doprema i ugradnja tamponskog sloja do projektom određene kote. Stavka uključuje i uređenje tamponskog sloja mehaničkim zbijanjem do projektiranog modula stišljivosti od 40 MPa. Obračun prema m ³ zemlje u sraslom stanju a) Perilište kotača b) Okno perilišta kotača (kao stavka C.2.1.5.)	m ³	120,00	9,00	1.080,00		9	1.080,00
		m ³	120,00	2,00	240,00		2	240,00
III.1.3.	Prijevoz viška materijala iz iskopa nakon zatrpavanja građevinske jame na odlagalište udaljeno do 5 km. Stavka uključuje utovar, prijevoz i istovar te razastiranje materijala na odlagalištu. Obračun prema m ³ zemlje u sraslom stanju. (kao stavka D.1.3.)	m ³	12,00	80,00	960,00		80	960,00
III.1	Zemljani radovi ukupno:				3.504,00			3.504,00

		CONTRACTED G.T.TRADE include VOI	Increase of works by VO2		Decrease of works by VO2		Total by VO 2	
III.2. Betonski radovi								
III.2.1.	Betoniranje podložnog betona razreda tlačne čvrstoće C12/15. Stavka uključuje proizvodnju, odnosno nabavu i dopremu betona, ugradnju i njegu svježeg betona. Obračun prema m3 ugrađenog betona.							
	a) Perilište kotača	m ³	750,00	2,50	1.875,00		2,5	1.875,00
	b) Okno perilišta kotača	m ³	750,00	0,50	375,00		0,5	375,00
	(kao stavka D.2.1.)							
III.2.2.	Betoniranje betonom razreda tlačne čvrstoće C30/37, XD3. Stavka uključuje proizvodnju, odnosno nabavu i dopremu betona, ugradnju i njegu svježeg betona. Stavka također uključuje svu potrebnu oplatu te materijale i radove vezane uz oplatu. Obračun prema m3 ugrađenog betona.							
	Perilište kotača	m ³	1.650,00	5,20	8.580,00		5,2	8.580,00
	(kao stavka D.2.2. + XD3)							
III.2.3.	Betoniranje betonom razreda tlačne čvrstoće C30/37, vodonepropusni, XD2. Stavka uključuje proizvodnju, odnosno nabavu i dopremu betona, ugradnju i njegu svježeg betona. Stavka također uključuje svu potrebnu oplatu te materijale i radove vezane uz oplatu. Obračun prema m3 ugrađenog betona.							
	Okno perilišta kotača	m ³	1.650,00	5,10	8.415,00		5,1	8.415,00
	(kao stavka D.2.2. + XD2)							
III.2. Betonski radovi ukupno:					19.245,00			19.245,00
III.3. Armirački radovi								
III.3.1.	Nabava, doprema, rezanje, savijanje, prijenos do mjesta ugradnje i ugradnja armature. Stavka uključuje sav potreban materijal i radove. Obračun prema ko ugrađene armature.							
	a) Perilište kotača	kg	8,00	535,00	4.280,00		535	4.280,00
	b) Okno perilišta kotača	kg	8,00	678,00	5.424,00		678	5.424,00
	(kao stavka C.1.3.1.)							
III.3. Armirački radovi ukupno:					9.704,00			9.704,00
III.4. Monterski radovi								
III.4.1.	Nabava, doprema i ugradnja lijevanoželjeznog poklopcu nosivosti B125 (150 kN). Poklopac se ugrađuje na okno perilišta kotača. Poklopac je dimenzija 600 x 600 mm. Obračun prema komadu ugrađenog poklopcu.							
		kom	900,00	1,00	900,00		1	900,00
III.4.2.	Nabava, doprema i ugradnja lijevanoželjeznih rešetki dimenzija 400 x 400 mm. Rešetke se ugrađuju na perilištu kotača. Obračun prema komadu ugrađene rešetke.							
		kom	900,00	5,00	4.500,00		5	4.500,00
III.4. Monterski radovi ukupno:					15.104,00			5.400,00
III. KONSTRUKCIJE UKUPNO:					37.853,00			37.853,00
IV. ODLAGALIŠTE								
Sustav recirkulacije procjedne vode								
IV.1. Zemljani radovi								
IV.1.1.	Strojni iskop materijala u C kategoriji do dubine h[m] ovisno o građevini sa vertikalnim zasjecanjem. Radove izvesti ovisno o opremljenosti i tehnologiji rada izvođača za sve dubine prema grafičkim priložima projekta. Širina rova je ovisna o normalnom profilu i veličini cjevovoda. Iskopano tlo odbacuje se u stranu unutar radnog pojasa, a ukoliko je potrebno na uskim mjestima se odvozi, međudeponira i kod zatrpavanja se ponovo dovozi na mjesto ugradbe. Način iskopa određuje izvoditelj, a obračun će biti proveden prema količinama po idealnom profilu iz glavnog projekta tako da višak iskopa treba biti ukalkuliran u cijenu i neće se naknadno priznavati. U stavku su uključeni svi potrebni radovi i oprema za razupiranje i osiguranje rova od urušavanja, prema tehnologiji izvođača radova, u skladu s propisanim uvjetima zaštite na radu, uključujući i potreban iskop za ugradnju zaštitne oplata (koji nije posebno specificiran).							
	(kao stavka D.1.1.)	m ³	90,00	11,40	1.026,00		11,4	1.026,00
	Strojni iskop materijala u C kategoriji (rekultivirajućem sloju odlagališta) do dubine 0,8 m.							
	(kao stavka C.1.1.1.)	m ³	35,00	104,50	3.657,50		104,5	3.657,50
IV.1.2.	Nabava i doprema pijeska granulacije 0 - 12 mm te izrada pješčane posteljice debljine 10 cm za polaganje cjevovoda. Stavka uključuje zbijanje ručnim nabijačima.							
	(kao stavka C.1.1.4.)	m ³	160,00	9,00	1.440,00		9	1.440,00

		CONTRACTED G.T.TRADE include VO1	Increase of works by VO2		Decrease of works by VO2		Total by VO 2	
IV.1.3.	Nabava i doprema pijeska/šljunka ili drobljenog kamena granulacije 0 - 32 mm te zatrpavanje cjevovoda s debljinom nadsloja iznad tjemena cijevi od 30 cm. Stavka uključuje zbijanje ručnim nabijačima. Posebnu pažnju obratiti na bočno zbijanje materijala između cijevi i stijenke rova visine 0,5 D kako bi se dobio čim veći kut nalijeganja. Pri zatrpavanju spoj mora ostati vidljiv da se ne odvoji. (kao stavka C.1.1.5.)	m ³	120,00	26,00	3.120,00		26	3.120,00
IV.1.4.	Nabava, doprema i ugradnja glatkih PEHD tlačnih PE 100, OD 90 mm, SDR 17 (PN 10) cijevi za izvedbu sustava recirkulacije procjedne vode. Stavka uključuje sav potreban rad i materijal za njihovu ugradnju, ispitivanje montiranog cjevovoda na vodonepropusnost pomoću vode na odgovarajući tlak, te nulto čišćenje sustava. Prije punjenja cjevovod mora biti zatrpan, osim spojeva.	m'	120,00	250,00	30.000,00		250	30.000,00
IV.1.5.	Zatrpavanje prostora zone iznad zone zaštite cjevovoda materijalom iz iskopa (rekultivirajući sloj odlagališta). Stavka uključuje utovar, prijevoz, istovar, niveliranje i zbijanje materijala do projektiranog modula stišljivosti u slojevima debljine 30 cm. (kao stavka C.1.1.6.)	m ³	18,00	77,00	1.386,00		77	1.386,00
IV.1.6.	Prijevoz viška materijala na deponiju unutar gradilišta na udaljenosti do 500m. Stavka uključuje utovar, prijevoz i istovar te razastiranje materijala na deponiji. (kao stavka C.1.1.7.)	m ³	12,00	11,40	136,80		11,4	136,80
IV.	ODLAGALIŠTE - SUSTAV RECIRKULACIJE UKUPNO:				40.766,30			40.766,30
V.1.	ARHITEKTONSKI PROJEKT - NADSTREŠNICE							
V.1.1.	Garaža za kompaktor							
V.1.1.1.	Obloga krova i pročelja							
	<p>Nabava, doprema i montaža fasadnog i krovnog sendvič panela po EN 14509 ili jednakovrijednoj normi.</p> <p>Sendvič panel se sastoji od obostrano pocinčanog čeličnog lima debljine 0,5/0,5 mm (kvalitete lima S 320 GD), trapeznog profila s gornje i standardnog profila s donje strane</p> <ul style="list-style-type: none"> - Krovni panel mikroliniranog s vanjske strane i standardnog profila s unutarnje strane - Fasadni panel, s konstrukcijskom jezgrom od PIR-a gustoće 40±3kg/m³, ukupne debljine 100 mm, klase negorivosti B s1 d0 prema EN 13501 ili jednakovrijednoj normi. Paneli su obostrano antikoroziivno zaštićeni PS bojom 35 μm (hairultra) te zaštitnim folijama koje se skidaju kod montaže, boja RAL 7011/9002, U faktor 0,214 W/m²K, <p>Krovni sendvič paneli se postavljaju na prethodno montirane rožnice, na rasponu 2,0 m. Nosivost krovnog panela mora biti sukladna proračunu iz glavnog projekta. Stavka uključuje kompletno riješenu odvodnju oborinskih voda, horizontalne i vertikalne oluke, okapnice i druge fazonske elemente istog proizvođača. U cijenu su uključeni svi potrebni preklopi i spojna sredstva kao i sve potrebno za punu funkcionalnost. Obračun po m². Izvedba i montaža prema projektu i dogovoru s projektantom.</p> <p>Žlijebovi se izvode od nehrđajućeg čelika debljine 0.55 mm, pravokutnog poprečnog presjeka 15 x 15 cm, pričvršćenog kukama od nehrđajućeg čelika dimenzija 30/3 mm na rožnice.</p> <p>Vertikalne cijevi za odvodnju izvode se od nehrđajućeg čelika debljine 0,55 mm, kvadratičnog poprečnog presjeka 10 x 10 cm. Cijevi za odvodnju pričvršćene su za stupove nehrđajućim obujmicama od plosnatog čelika dimenzija 30/3 mm. Obujmice se montiraju na svakih 1,00 m međusobne udaljenosti.</p> <p>Fasadni sendvič paneli se postavljaju vertikalno na prethodno montiranu potkonstrukciju. U cijenu su uključeni svi potrebni preklopi, spojna sredstva, opšavi i sve potrebno za punu funkcionalnost. Nosivost fasadnog panela mora biti minimalno 1,00 kN/m² na rasponu od 3,0 m.</p> <p>Boja: RAL 7011/9002</p> <p>Paneli moraju biti otporni na požar minimalno 30 min. KROVNI PANEL - REI 30 prema EN 13501-2 FASADNI PANEL - EI 30 prema EN 13501-2</p> <p>U jedničnu cijenu ukalkulirati montažu i demontažu sve potrebne skele.</p>							

		CONTRACTED G.T.TRADE include VO1		Increase of works by VO2	Decrease of works by VO2	Total by VO 2	
EN 14509 ili jednakovrijedna norma:							
EN 13501 ili jednakovrijedna norma:							
Krov - (krovni panel)	m ²	666,00	-	70,00	46.620,00	70	46.620,00
Pročelje (fasadni lim) _ Jugoizapad	m ²	720,00	-	15,00	10.800,00	15	10.800,00
Pročelje (fasadni lim) _ Sjeveroistok	m ²	720,00	-	22,00	15.840,00	22	15.840,00
Pročelje (fasadni lim) _ Sjeverozapad	m ²	720,00	-	33,00	23.760,00	33	23.760,00
Pročelje (fasadni lim) _ Jugoistok	m ²	720,00	-	36,00	25.920,00	36	25.920,00
V.1.1. Garaža za kompaktor ukupno:					122.940,00		122.940,00
V.1.2. Garaža za kompaltor - vrata i prozori							
V.1.2.1. Vrata							
Sekcijska podizna vrata Stavka uključuje nabavu, dopremu i montažu. Sekcijska vrata, podizna segmentna vrata izrađena od čeličnog pocinčanog lima s poliuretanskom ispunom. Širine 400 i visine 500 m. Čelični lim je dvostruko plastificiran (trajna zaštita od korozije i atmosferilija). Ugrađen je sigurnosni sistem kočnica (sistem pero - utor) kao osiguranje od nekontroliranog pada. Vratima se upravlja motornim pogonom, pomoću daljinskog upravljača i tipalom (u samoj hali). Vanjska boja je elektrostatski zapečena na pripremljenom pocinčanom čeličnom limu. Spojni okovi i vodilice su toplo cinkani, debljine 2 i 1,5 mm. Bazni i gornji profil vrata su od aluminija. Pocinčane torzione opruge (za balansiranje i podizanje) se nalaze iznad vrata. Jedno polje vrata su prozirni prozorski elementi.							
	kom	60.000,00	-	1,00	60.000,00	1	60.000,00
V.1.2.2. Prozori							
Nabava, doprema i montaža Al prozora. Prozori su aluminijska stolarija s minimalnim zahtjevima i karakteristikama termoizolacijskih svojstava.							
	kom	4.800,00	-	8,00	38.400,00	8	38.400,00
V.1.2. Garaža za kompaltor - vrata i prozori ukupno:					98.400,00		98.400,00
V.1. NADSTREŠNICA UKUPNO:					221.340,00		221.340,00
VI. OSTALO							
VI.1. Dodatak crpke za oborinske vode	kom	25.272,00		1	25.272,00	1	25.272,00
VI.2. Formiranje pokosa terena/nasipa iznad 4.odlaqališne kazete	m ²	13,72		11300	155.036,00	11300	155.036,00
VI.3. Ulazna vrata na istočnom dijelu odlagališta (kao stavka A.2.2.)	kom	19.000,00		1	19.000,00	1	19.000,00
VI.4. Izrada betonskog okna (sv.dim. 1x1x1,8) za smještaj crpki za sanitarnu vodu	kom	9.945,00		1	9.945,00	1	9.945,00
VI. OSTALO UKUPNO:					209.253,00		209.253,00
VII. Naknadna izvedba							
1.1. Rezanje betona u armiranobetonskoj gornjoj ploči bazena za procjedne vode (okno za ulaz). Rezanje se izvodi pomoću dijamantne pile. Dubina reza iznosi 25 cm, a dimenzije reza su 600 x 600 mm. Stavka uključuje sav potreban rad, opremu i transport opreme za rezanje, te eventualni dodatni materijal kako bi se izveo potrebni rez armiranog betona.	m	6.375,00		2,4	15.300,00	2,4	15.300,00

		CONTRACTED G.T.TRADE include VOI	Increase of works by VO2	Decrease of works by VO2	Total by VO 2		
1.2.	Rezanje betona u armiranobetonskoj gornjoj ploči bazena za oborinske vode (okno za crpke). Rezanje se izvodi pomoću dijamantne pile. Dubina reza iznosi 25 cm, a dimenzije reza su 1200 x 1500 mm. Stavka uključuje sav potreban rad, opremu i transport opreme za rezanje, te eventualni dodatni materijal kako bi se izveo potrebni rez armiranog betona.	m	4.500,00	5,4	24.300,00	5,4	24.300,00
1.3.	Bušenje rupe u zidovima bazena za oborinske vode i okna za priključak vatrogasnog crijeva za prolazak cijevi DN50.	kom	8.150,00	1	8.150,00	1	8.150,00
1.4.	Bušenje rupe u gornjoj ploči bazena za procjedne vode prolazak cijevi oduška promjera 3".	kom	8.150,00	1	8.150,00	1	8.150,00
1.5.	Nabava, doprema i ugradnja betona tlačne čvrstoće C25/30 za izvedbu grla okana i okna za priključenje vatrogasnog crijeva za pranje površina kod bazena za oborinske vode. Stavka uključuje obodnu oplatu, njegu betona i atest tlačne čvrstoće.	m ³	1.300,00	2	2.600,00	2	2.600,00
	(stavka D.2.3.)						
1.6.	Nabava, doprema i ugradnja konstruktivne armature od čelika kvalitete B 500 B u svrhu izvedbe grla okana i okna za priključenje crijeva za pranje površina kod bazena za oborinske vode. Stavka uključuje nabavu, dopremu, rezanje, oblikovanje, prijenos do mjesta ugradnje i ugradnju. Stavka također uključuje atest ugrađene armature.	kg	7,50	160	1.200,00	160	1.200,00
	(stavka D.3.1.)						
1.7.	Nabava, doprema i ugradnja čeličnih ljestvi duljine 232 cm, odvojene od dna bazena 29 cm. Antikorozivna zaštita je vruće cinkanje za razred korozivnosti C5. Penjalice izvesti od okruglog profila promjera 16 mm. Penjalice su široke 45 cm te su na osnom razmaku od 30 cm. Ljestve se montiraju na zid okna sa 4 ankera M8. Ljestve se izvode u jednom komadu, tako da su prečke zavarene na dva flaha debljine minimalno 8 mm. Stavka uključuje i izvedbu pripadajućeg ledobrana prema važećem Zakon o zaštiti na radu i spoj na uzemljenje.	kom	11.258,70	1	11.258,70	1	11.258,70
1.8.	Nabava, doprema i ugradnja čeličnih ljestvi duljine 303 cm, odvojene od dna taložnice prema 30 cm. Antikorozivna zaštita je vruće cinkanje za razred korozivnosti C5. Penjalice izvesti od okruglog profila promjera 16 mm. Penjalice su široke 45 cm te su na osnom razmaku od 30 cm. Ljestve se montiraju na zid okna sa 4 ankera M8. Ljestve se izvode u jednom komadu, tako da su prečke zavarene na dva flaha debljine minimalno 8 mm. Stavka uključuje i izvedbu pripadajućeg ledobrana prema važećem Zakon o zaštiti na radu i spoj na uzemljenje.	kom	12.170,00	1	12.170,00	1	12.170,00
1.9.	Nabava, doprema i ugradnja čeličnih ljestvi duljine 440 cm, odvojene od dna bazena 29 cm. Antikorozivna zaštita je vruće cinkanje za razred korozivnosti C5. Penjalice izvesti od okruglog profila promjera 16 mm. Penjalice su široke 45 cm te su na osnom razmaku od 30 cm. Ljestve se montiraju na zid okna sa 4 ankera M8. Ljestve se izvode u jednom komadu, tako da su prečke zavarene na dva flaha debljine minimalno 8 mm. Stavka uključuje i izvedbu pripadajućeg ledobrana prema važećem Zakon o zaštiti na radu i spoj na uzemljenje.	kom	12.756,50	2	25.513,00	2	25.513,00
1.10.	Nabava, doprema i ugradnja kanalskog poklopca pravokutnog oblika dimenzija 600 x 600 mm prema normi HRN EN-124:2015. Stavka uključuje sav potreban rad i materijal za ugradnju. Pnklonar klase B 125 (nosivost 125 kN)	kom	4.875,00	2	9.750,00	2	9.750,00
1.11.	Nabava, doprema i ugradnja kanalskog poklopca pravokutnog oblika dimenzija 1200 x 1200 mm prema normi HRN EN-124:2015. Stavka uključuje sav potreban rad i materijal za ugradnju. Pnklonar klase B 125 (nosivost 125 kN)	kom	25.525,00	1	25.525,00	1	25.525,00
1.12.	Nabava, doprema i ugradnja elemenata cjevovoda unutar okna za priključenje vatrogasnog crijeva za pranje površina kod bazena za oborinske vode:						
	- prirubnica s navojem DN50	kom	515,61	1	515,61	1	515,61
	- nipl DN50	kom	154,67	3	464,01	3	464,01
	- Y-filtar DN50	kom	574,50	1	574,50	1	574,50
	- razdjelni komad DN50	kom	447,10	1	447,10	1	447,10
	- ventil DN50	kom	769,50	1	769,50	1	769,50
	- spojnica za vatrogasno crijevo DN50	kom	444,89	1	444,89	1	444,89
	- redukcija DN50/25	kom	287,30	1	287,30	1	287,30
	- nipl DN25	kom	140,40	2	280,80	2	280,80
	- ventil DN25	kom	487,40	1	487,40	1	487,40
	- spojni komad sa slobodnom maticom (PEHD-č) OD32/DN25	kom	401,60	1	401,60	1	401,60

		CONTRACTED G.T.TRADE include VO1	Increase of works by VO2		Decrease of works by VO2		Total by VO 2	
1.13.	Nabava dobprema i ugradnja oduška bazena za procjedne vode. Odušak se izvodi od čeličnih cijevi promjera 3" te tzv. lule koja se izvodi od dva luka 90° promjera 3". Visina oduška od kote uređenog terena iznosi 5 m. Stavka uključuje izvedbu antikorozivne zaštite (temeljni i finalni premaz) i spoj na uzemljenje	omplet 20.550,00	1	20.550,00			1	20.550,00
UKUPNO				169.139,41				169.139,41
ADENDA no.2 SUMMARY				694.927,31				694.927,31
TOTAL SUMMARY								
A	ARCHITECTURAL WORKS	428.000,00		12.500,00		80.000,00		360.500,00
B	CIVIL WORKS - TRAFFIC AND MANIPULATIVE AREA	217.020,00				1.950,00		215.070,00
C	CIVIL WORKS - WATER SUPPLY AND DRAINAGE	203.803,05		72.611,18		12.683,60		263.730,63
D	CIVIL WORKS - CONSTRUCTION	404.721,50		84.741,52		133.056,53		356.406,50
E	CIVIL WORKS - LANDFILL (STAGE II, PHASE 1)	16.533.017,79		1.957.534,05		1.529.374,58		16.961.177,26
F	MECHANICAL WORKS	765.000,00				500.000,00		265.000,00
G	ELECTROTEHNICAL WORKS	622.677,00						622.677,00
H	ADENDA no.1	11.506.898,85				685.671,11		10.821.227,74
I	ADENDA no.2			694.927,31				694.927,31
TOTAL SUMMARY		30.681.138,19		2.822.314,06		2.942.735,81		30.560.716,43
RAZLIKA:		-120.421,75				120.421,75		