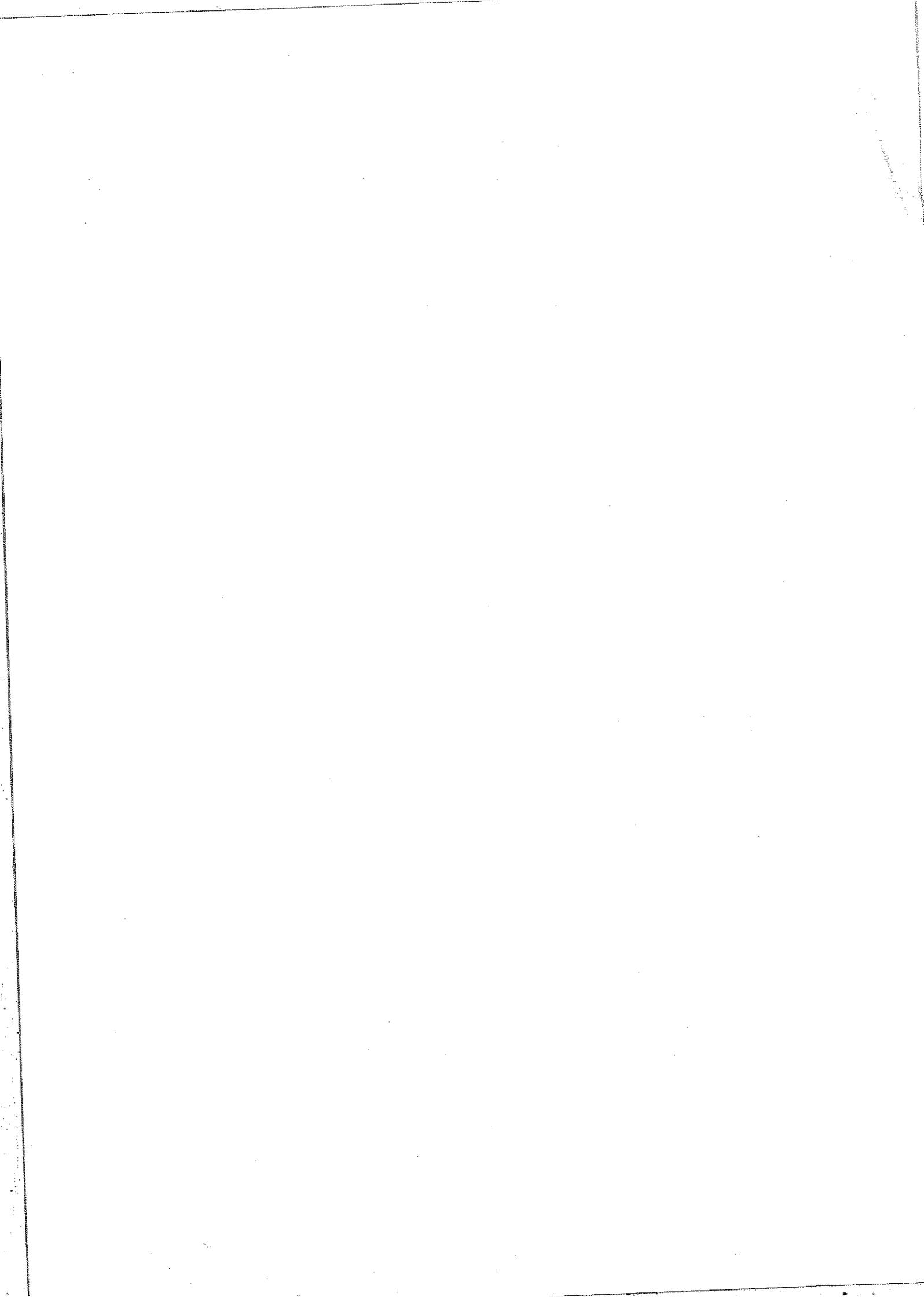


SUMMARY

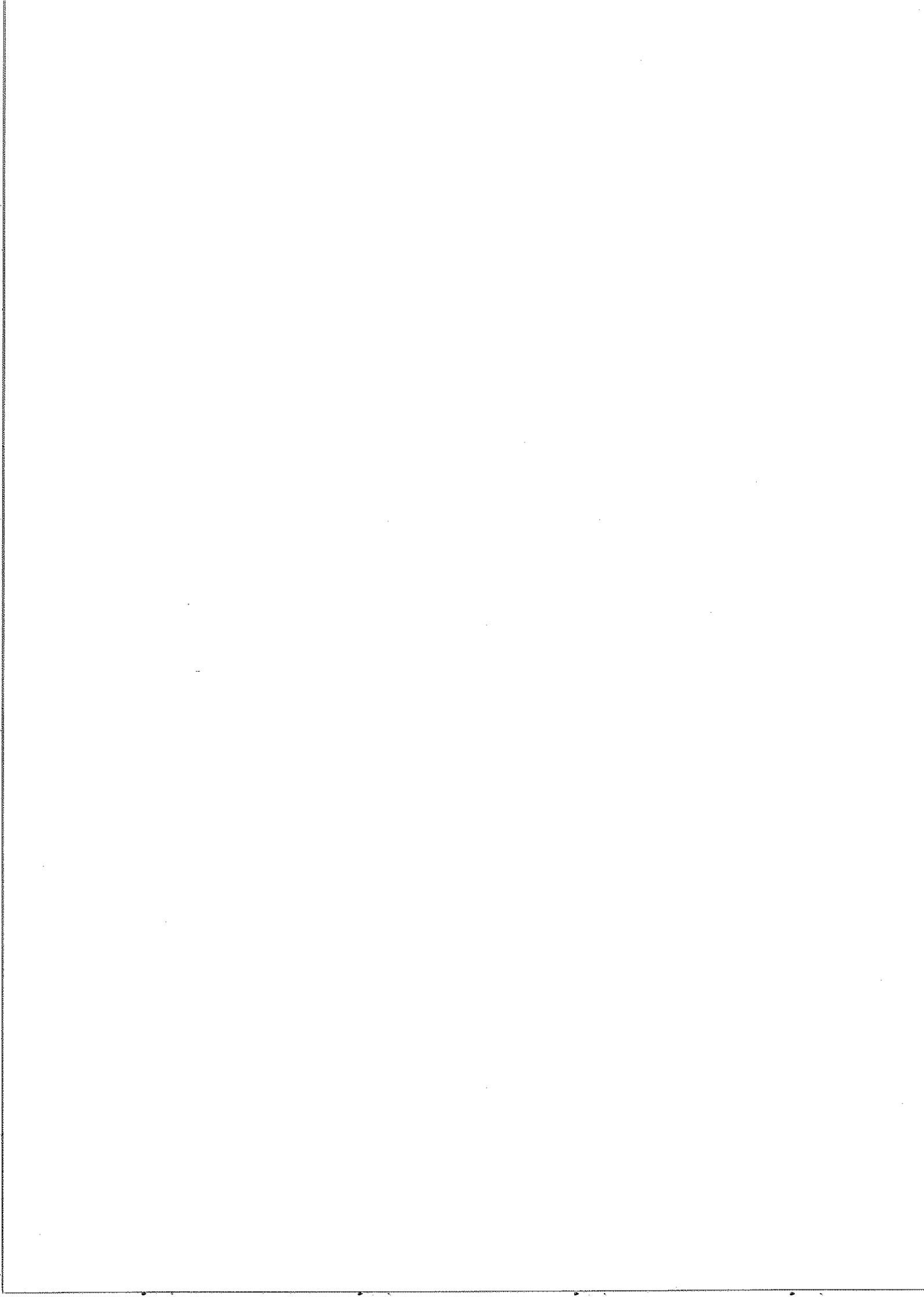
Construction and adaptation of part of the facility UKP NKTC laboratories for physical and chemical properties and toxicological expertise.

SUMMARY OF WORKS BILLS

Nr	Technical Specification Ref. number	TYPE OF WORKS	AMOUNT (RSD)
0	Sec 0	GENERAL ITEMS	
A.	Sec A	CONSTRUCTION AND FINISHING WORKS	
B.	Sec B	WATER SUPPLY AND SEWAGE INSTALLATIONS	
C.	Sec C	THERMO-TECHNICAL INSTALLATIONS	
D.	Sec D	ELECTRICAL INSTALLATIONS	
E.	Sec E	TELECOMMUNICATION INSTALLATIONS	
F.	Sec F	ELEVATORS	
G.	Sec G	AUTOMATIC GAS DETECTION /DONATION/	
H.	Sec H	DISTRIBUTION OF SPECIAL GASES /DONATION/	
I.	Sec I	ELECTROMOTIVE DRIVE	
		TOTAL (excluding VAT)	
		Contingency 5%	
		Total Sum (excluding VAT)	



BILL 0					
Reconstruction and adaptation of part of the facility UKP NKTC laboratories for physical and chemical properties and toxicological					
number	work position description	unit	quantity	unit price	total price
1	2	3	4	5	6
1	GENERAL ITEMS				
1.1	Contractual Requirements (Performance Security, Guarantees, Insurances, etc.)	LS	1		0.00
1.2	Setting up of Contractor's site offices, compound, temporary fencing, etc, maintenance during Contract period and dismantling of site offices at end of Contract, etc.	LS	1		0.00
1.3	Provision of signboards – 2 units	LS	1		0.00
1.4	Quality Assurance, Health, Safety and Environmental Protection	LS	1		0.00
1.5	Operation and Maintenance Manuals in English and Serbian Language	LS	1		0.00
1.6	As-Built Drawings and Design and other documentation needed for technical acceptance and using permit	LS	1		0.00
1.7	Start up, Commissioning, Tests on Completion and Trial Operation	LS	1		0.00
1.8	Attendance during Defects Liability Period	LS	1		0.00
I.	TOTAL GENERAL ITEMS (Transfer to Summary of Bills)				0.00



BILL A

Reconstruction and adaptation of part of the facility UKP NKTC laboratories for physical and chemical properties and toxicological expertise.

No.	Technical Specification Ref. number	Description of works	Unit	Quantity	Unit price	Total Price
Facility						
I	Sec A. I	I.DEMOLITION AND DISMANTLING				
1.	Sec A.1.1	Dismantling of partitions in doors. Partitions are made in grid of anodized aluminium sections and covered on both sides with refined chipboard, with mineral wood solid boards. Dismantled partitions and doors shall be arranged, loaded on a truck and transported to a depot allocated by investor. Debris shall be collected, taken out, loaded on the truck and transported to the city depot. Price shall include works, transport and scaffold.				
		lower ground floor				
		partitions type K1, 16 cm thick				
		first floor				
		partitions type K1, 16 cm thick	m2	250.70		0.00
		first floor				
		partitions type K2, 10 cm thick	m2	278.42		0.00
2.	Sec A.1.2	Dismantling of wall coverings, columns and parapets together with substructure. Coverings are made of refined corkboard. Dismantled coverings shall be arranged, loaded on a truck and transported to depot allocated by investor. Debris shall be collected, taken out, loaded on the truck and transported to the city depot. Price shall include works, transport and scaffold.	m2	236.75		0.00
3.	Sec A.1.3	Dismantling of aluminium parapet sills - grating. Dismantled coverings shall be arranged, loaded on a truck and transported to depot allocated by investor. Debris shall be collected, taken out, loaded on a truck and transported to a depot allocated by investor. Price shall include works and transport.	m2	34.90		0.00
4.	Sec A.1.4	Dismantling of glazed aluminium partition with double door on stair landing. Dismantled partition shall be arranged, loaded on a truck and transported to depot allocated by investor. Debris shall be collected, taken out, loaded on a truck and transported to a depot allocated by investor. Price shall include works, transport and scaffold.	m2	30.32		0.00
5.	Sec A.1.5	Dismantling of double door partition on installation manhole in sanitary block. Partition is made in grid of anodized aluminium profiles and covered with refined chipboards. Dismantled partition shall be arranged, loaded on a truck and transported to depot allocated by investor. Debris shall be collected, taken out, loaded on a truck and transported to a depot allocated by investor. Price shall include works, transport and scaffold.	m2	12.51		0.00

BILL A**Reconstruction and adaptation of part of the facility UKP NKTC laboratories for physical and chemical properties and toxicological expertise.**

No.	Technical Specification Ref. number	Description of works	Unit	Quantity	Unit price	Total Price
6.	Sec A.1.6	Removal of floor coverings and soft PVC angular strips. Floor coverings and strips shall be removed, packed, loaded on a truck and transported to a depot allocated by investor. Price shall include works and transport.	m2	452.97		0.00
7.	Sec A.1.7	Removal of floor coverings and soft PVC angular strips from the stair tread riser, including stair landing and stair inter-landing. Floor coverings and strips shall be removed, packed, loaded on a truck and transported to a depot allocated by investor. Surface shall be scraped and cleaned from glue leftovers chemically. Price shall include works, material and transport.	m2	162.45		0.00
8.	Sec A.1.8	Removal of floating floor, cement screed, of total 8 cm thickness. Cement screed and all layers shall be removed completely to the concrete substructure. Debris shall be taken out, loaded on a truck and transported to the city depot. Price shall include work and transport.	m2	452.97		0.00
9.	Sec A.1.9	Demolition of ceramic tiles flooring, together with all layers, to the AB structure. Debris shall be taken out, loaded on a truck and transported to the city depot. Price shall include work and transport.	m2	20.90		0.00
10.	Sec A.1.10	Careful dismantling of wall ceramic tiles, placed over layer of glue. Tiles and base shall be removed all the way to the concrete structure, i.e. mortar. Debris shall be taken out, loaded on a truck and transported to the city depot. Price shall include works and transport.	m2	82.33		0.00
11.	Sec A.1.11	Dismantling of dropped ceiling made of sheet metal strips type Dampa 10 with supporting substructure. Reusable material shall be separated and arranged. Debris shall be taken out, loaded on a truck and transported to the city depot. Price shall include works, transport and scaffold.	m2	473.87		0.00
12.	Sec A.1.12	Demolition of partition brick walls, 7cm thick , in sanitary block. Demolition of the walls shall be carried out together with ring beams, door lintels and all other coverings on the wall. Brick shall be cleaned and transported to the site depot. Price shall include works, transport and scaffold.	m2	29.94		0.00
13.	Sec A.1.13	Demolition of partition brick walls, 12cm thick , in sanitary block. Demolition of the walls shall be carried out together with ring beams, door lintels and all other coverings on the wall. Brick shall be cleaned and transported to the site depot. Price shall include works, transport and scaffold..	m2	8.48		0.00

BILL A

Reconstruction and adaptation of part of the facility UKP NKTC laboratories for physical and chemical properties and toxicological expertise.

No.	Technical Specification Ref. number	Description of works	Unit	Quantity	Unit price	Total Price
14.	Sec A.1.14	Punching of brick partition wall for elevator door opening construction. Wall parts shall be demolished carefully, in order to prevent loosening of the wall structure. Debris shall be taken out, loaded on a truck and transported to the city depot. Price shall also include bracing and fabrication of door lintel. Price shall include works, transport and scaffold.	m2	8.80		0.00
15.	Sec A.1.15	Careful punching of reinforced concrete slab of 18 cm thickness, for elevator frame construction in the basement. Price shall also include auxiliary scaffold and cutting of reinforcement. Price shall include works, transport and scaffold.	m2	2.63		0.00
TOTAL DEMOLITION AND DISMANTLING						0.00

A Bill A -Construction and finishing Facility

NR	Technical Specification Ref. number	TYPE OF WORKS	Total Amount
I	Sec A. I	DEMOLITION AND DISMANTLING	
TOTAL			0.00

BILL A**Reconstruction and adaptation of part of the facility UKP NKTC laboratories for physical and chemical properties and toxicological expertise.**

No.	Technical Specification Ref. number	Description of works	Unit	Quantity	Unit price	Total Price
Facility						
II	Sec A.2	II.CONCRETE WORKS				
1.	Sec A.2.1	<p>Concreting of reinforced concrete walls, 14 cm thick, with concrete MB 30, in double-sided fairfaced shuttering.</p> <p>Fairfaced wall shuttering shall be made and reinforced in compliance with the design, drawings and structural analysis.</p> <p>Concrete shall be placed and cured in compliance with regulations.</p> <p>Price shall include material (shuttering, bracing, concrete), transport, scaffold and works.</p>	m3	6.57		0.00
2.	Sec A.2.2	<p>Concreting of reinforced concrete beams, with MB 30 concrete , in required shuttering.</p> <p>Beam shuttering shall be constructed and reinforced in compliance wit design, drawings and structural analysis.</p> <p>Concrete shall be placed and cured in compliance with the regulations.</p> <p>Bracing height shall be 517 cm.</p> <p>Price shall include material (shuttering, bracing, concrete), transport, scaffold and works.</p>	m3	6.14		0.00
3.	Sec A.2.3	<p>Concreting with reinforced slab with MB 30 concrete in required shuttering.</p> <p>Shuttering shall be made with bracing and the slab shall be done in compliance with the design, drawings and structural analysis.</p> <p>Concrete shall be made and cured in compliance with the regulations.</p> <p>Bracing height shall be 517 cm.</p> <p>Price shall include material (shuttering, bracing, concrete), transport, scaffold and works.</p>	m3	0.57		0.00
4.	Sec A.2.4	<p>Floor shall be made of compacted concrete, 20 cm thick, with MB 15 concrete, in hidrocil</p> <p>Upper surface shall be floated, concrete cured.</p> <p>Price includes transport, works and material..</p>	m2	12.95		0.00
TOTAL CONCRETE WORKS						0.00

BILL A

Reconstruction and adaptation of part of the facility UKP NKTC laboratories for physical and chemical properties and toxicological expertise.

No.	Technical Specification Ref. number	Description of works	Unit	Quantity	Unit price	Total Price
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A Bill A-Construction and finishing Facility

NR	Technical Specification Ref. number	TYPE OF WORKS	Total Amount
II	Sec A. 2	II.CONCRETE WORKS	
TOTAL			0.00

BILL A

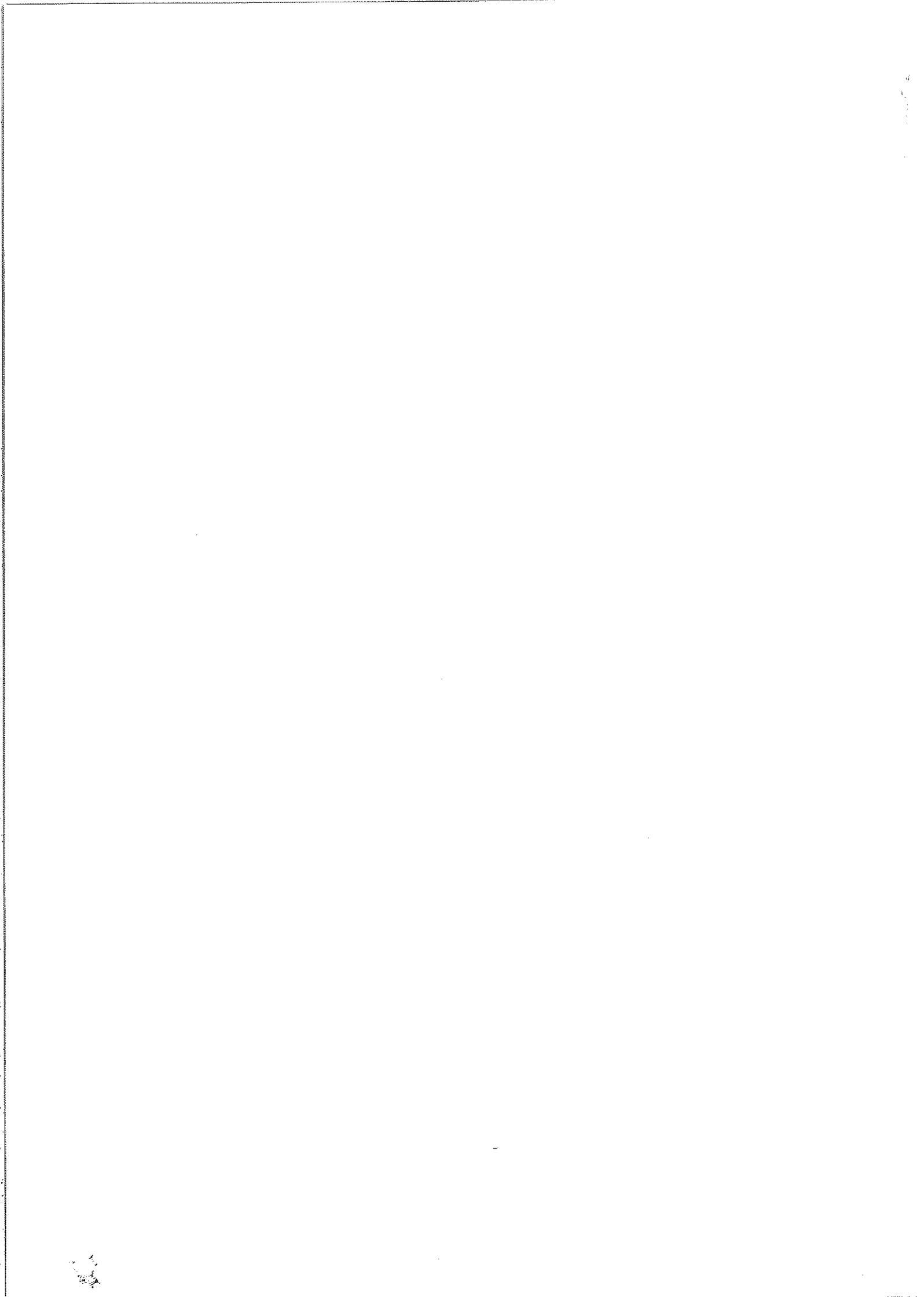
construction and adaptation of part of the facility UKP NKTC laboratories for physical and chemical properties and toxicological expertise.

No.	Technical Specification Ref. number	Description of works	Unit	Quantity	Unit price	Total Price
Facility						
III	Sec A. 3	III. REINFORCEMENT				
1.	Sec A.3.1	Supply, transport, straightening, cutting, bending and insatlling of reinforcement SR/a smooth reinforcement 240/360, RR /ribbed reinforcement/500/560 и WA/Building's welded reinforcing steel fabrics / 500/560 fully in compliance with structural analysis and drawings. Reinforcement quantity is approximate, actual quantities shall be taken from structure design and drawings.Price shall include transport, works and material.	kg	1,262.00		0.00
TOTAL REINFORCEMENT						0.00

A

**Bill A -Construction and finishing
Facility**

NR	Technical Specification Ref. number	TYPE OF WORKS	Total Amount
III	Sec A. 3	III. REINFORCEMENT	
TOTAL			0.00



BILL A**Reconstruction and adaptation of part of the facility UKP NKTC laboratories for physical and chemical properties and toxicological expertise.**

No.	Technical Specification Ref. number	Description of works	Unit	Quantity	Unit price	Total Price
Facility						
IV	Sec A. 4	IV. MASONRY WORKS-BRICKLAYING				
1.	Sec A.4.1	<p>Supply of material and bricklaying of partition walls of 12 cm thickness with solid bricks in gauged mortar proportion 1:2:6, including construction of ring beams.</p> <p>At height of door lintels, or at height of 200 cm, reinforced ring beams shall be made, 12x25 cm. Concrete type shall be MB 20, ring beams reinforcement 4 Ø 8 mm, U-bolts Ø 6 mm/20cm. Connection shall be done on half of a brick, and connection with other walls shall be done appropriately.</p> <p>On completion of bricklaying, joints shall be cleaned. Price shall include construction of ring beams, reinforcements, shuttering and auxiliary scaffold. Price shall include transport, material, scaffold and works.</p>	m2	57.09		0.00
2.	Sec A.4.2	<p>Closing of elevator well and door openings with bricks in gauged mortar proportion 1:2:6.</p> <p>Before bricklaying, pockets in the walls shall be made. Before laying, bricks shall be soaked with water. Bricklaying shall be done in straight courses, and joints shall be cleaned to the depth of 2 cm.</p> <p>Price shall also include auxiliary scaffold. Price shall include transport, material and works.</p>	m2	20.68		0.00
3.	Sec A.4.3	<p>Building of hidrocil walls, with clay blocks, dimensions 19x19x25 cm in gauged mortar proportions 1:2:6.</p> <p>Wall thickness shall be 19 cm.</p> <p>At height of door lintel reinforced ring beams shall be installed, dimensions 20x25 cm.</p> <p>Type of concrete shall be MB 20, ring beams reinforcement 4 Ø 8 mm, U-bolts Ø 6 mm/20cm. Prior to building-in, blocks shall be soaked with water.</p> <p>On completion of works, joints shall be cleaned at depth of 2 cm.</p> <p>Price shall include material, transport, scaffold and works.</p>	m2	31.98		0.00

BILL A

Reconstruction and adaptation of part of the facility UKP NKTC laboratories for physical and chemical properties and toxicological expertise.

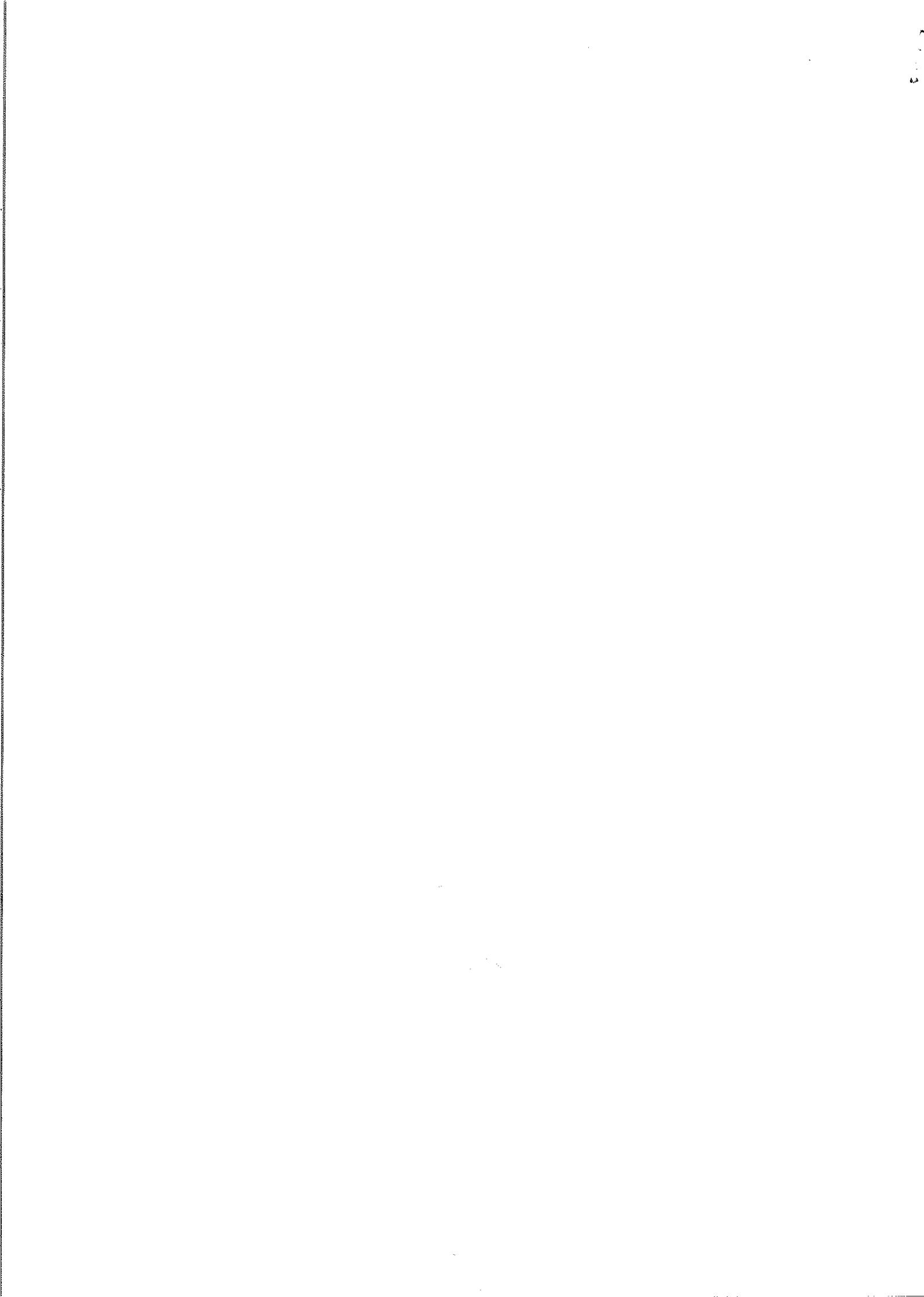
No.	Technical Specification Ref. number	Description of works	Unit	Quantity	Unit price	Total Price
Facility						
4.	Sec A.4.4	<p>Construction of lath cement screed 4,00 cm, as bedding for PVC floors.</p> <p>Cement screed shall be placed over layer of PVC film and expanded polystyrene.</p> <p>Screed shall be reinforced with wire lath, placed in the middle of the layer.</p> <p>Mortar screed shall be made with sift gravel in proportion 1:3 and cure it until hardened.</p> <p>Styrofoam partition layer, 1 cm thick, shall be placed by the walls, which shall be included in the price.</p> <p>Price shall include material, works and transport.</p>	m2	376.67		0.00
5.	Sec A.4.5	<p>Construction of lathe cement screed in gradient, of minimum thickness 3,00 cm, as a base for hydro insulation and ceramic tiles floors on premises with latticed drainage.</p> <p>Cement screed shall be constructed as floating floor, over layer of PVC film and layer of elasticised expanded polystyrene 3 cm thick.</p> <p>Screed shall be reinforced with wire lath, placed in the middle of the layer.</p> <p>Mortar screed shall be made with sift gravel in proportion 1:3 and cure it until hardened.</p> <p>Styrofoam partition layer, 1 cm thick, shall be placed by the walls, which shall be included in the price.</p> <p>Price shall include material, works and transport.</p>	m2	110.00		0.00
6.	Sec A.4.6	<p>Walls rendering with gauged mortar proportion 1:2:6, as a base for gluing of ceramic tiles.</p> <p>Prior to rendering, wall surfaces shall be cleaned thoroughly and sprayed with cement milk.</p> <p>Apply layer of mortar mixed with sift gravel and level it. Rendered surfaces shall be flat and coarse, in order to provide better connection between ceramic glue and the wall.</p> <p>Price shall include material, transport, scaffold and works.</p>	m2	118.23		0.00
7.	Sec A.4.7	<p>Rendering of brick openings with gauged mortar in proportion 1:3:9.</p> <p>Prior to rendering, wall surfaces shall be cleaned thoroughly and sprayed with cement milk.</p> <p>Apply the first layer of mortar mixed with sift gravel and level it.</p> <p>Second layer shall be made with clean sand, free of mud or organic ingredients.</p> <p>Float it with watering.</p> <p>Rendered surfaces shall be flat, free of cracks and waves.</p> <p>Price shall include material, transport, scaffold and works.</p>	m2	17.60		0.00

BILL A

Reconstruction and adaptation of part of the facility UKP NKTC laboratories for physical and chemical properties and toxicological expertise.

No.	Technical Specification Ref. number	Description of works	Unit	Quantity	Unit price	Total Price
Facility						
8.	Sec A.4.8	Rendering of hidrocil walls and ceiling with gauged mortar in proportion 1:3:9 . Prior to rendering, wall surfaces shall be cleaned thoroughly and sprayed with cement milk. Apply the first layer of mortar mixed wit sift gravel and level it. Second layer shall be made with clean sand, free of mud or organic ingredients. Float it with watering. Rendered surfaces shall be flat, free of cracks and waves. Price shall include material, transport, scaffold and works.	m2	82.60		0.00
9.	Sec A.4.9	Bricklaying processing of elevator well shall be done following dismantling of the existing elevator and Price shall include material, transport and works.	m2	150.89		0.00
10.	Sec A.4.10	Construction of light prefabricated ceiling of 16+4 cm thickness type Fert or appropriate. Rib supports shall be levelled with mortar. Each fin shall stand minimum 5cm on support and reinforcement additional 10 cm. Slab and fins shall be supported in compliance with the design and drawings. Prior to concreting, support shall be washed. Concrete type shall be MB 30. Price shall include material, bracing, concrete, transport, scaffold and works.	m2	12.95		0.00
TOTAL MASONRY WORKS-BRICKLAYING						0.00

Bill A -Construction and finishing						
Facility						
NR	Technical Specification Ref. number	TYPE OF WORKS			Total Amount	
IV	Sec A. 4	IV. MASONRY WORKS-BRICKLAYING				
TOTAL					0.00	



BILL A

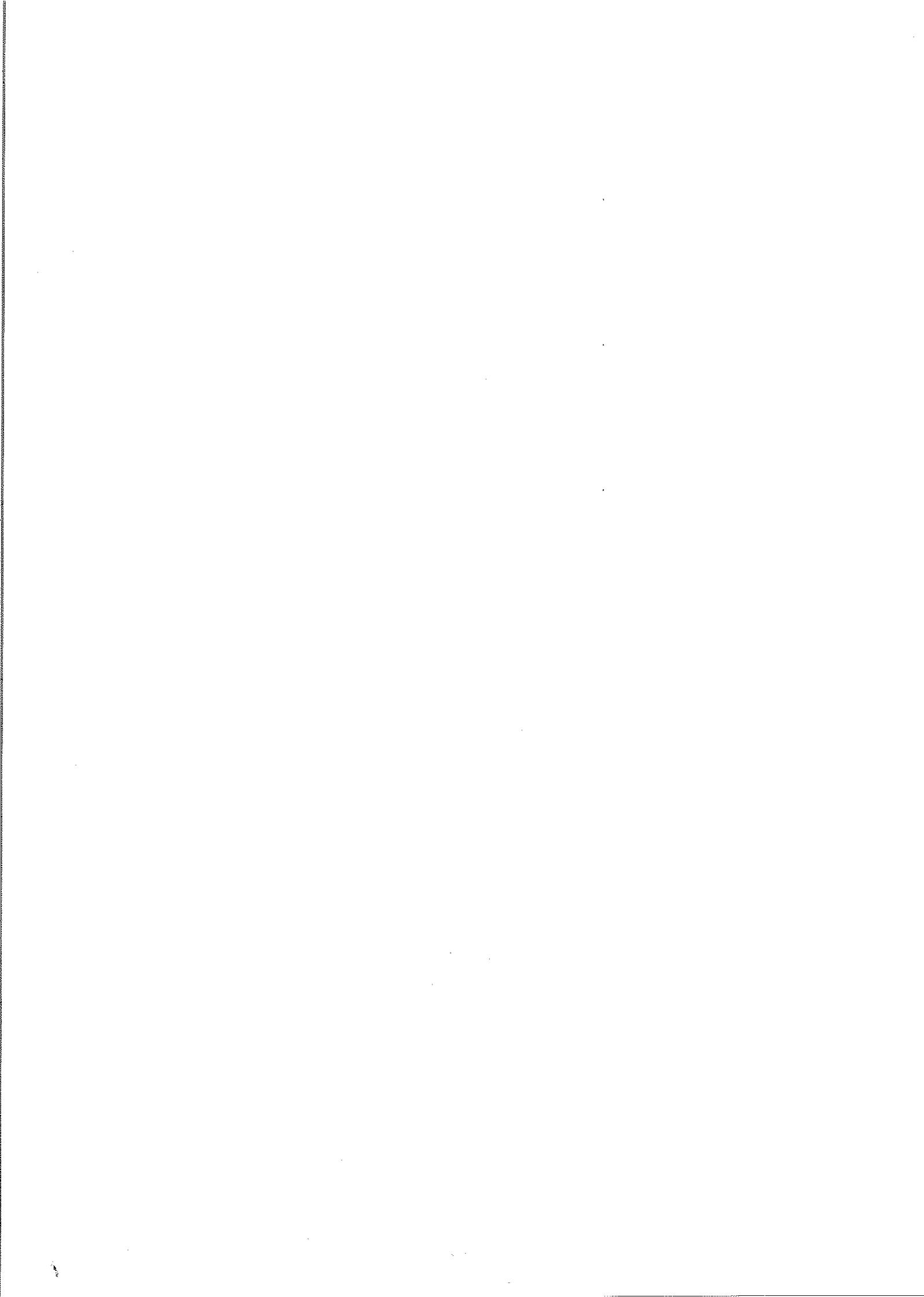
Reconstruction and adaptation of part of the facility UKP NKTC laboratories for physical and chemical properties and toxicological expertise.

No.	Technical Specification Ref. number	Description of works	Unit	Quantity	Unit price	Total Price
Facility						
V	Sec A. 5	V. WATERPROOFING AND THERMAL INSULATION-INSULATION				
1.	Sec A.5.1	Construction of horizontal waterproofing in laboratories with double epoxy, acid resistant, elastic liquid membrane for waterproofing MAPEI Mapegum EPX or appropriate. Apply Mapegum EPX on floors and walls (up to 30 cm height) in two layers of minimum thickness 2 mm, fully in compliance with the design and manufacturer's Price shall include material, transport and works rooms: 12, 12a, 13, 17, 20, 26, 40, 41, 43	m2	100.77		0.00
2.	Sec A.5.1	Construction of horizontal waterproofing in sanitary block with double epoxy, acid resistant, elastic cement membrane for waterproofing MAPEI MAPELASTIC or appropriate. Apply MAPELASTIC on walls and floors (up to 30 cm height) in two layers, fully in compliance with the design and manufacturer's instructions. Place fibreglass mash resistant to alkali, type MAPEI FIBERGLASS MESH, on junctions of walls and floors into fresh MAPELASTIC or appropriate. Price shall include material, transport and works. rooms: 34, 34A, 34B, 34B', 34V, 34V', 34G	m2	20.53		0.00
3.	Sec A.5.1	Supply and placement of floor insulating boards made of expanded polystyrene - Styrofoam, 30 mm thick. Styrofoam boards shall be installed as thermal and sound insulation of floor below cement screed[, in compliance with drawings and the designer's instructions. Price shall include material, transport and works.	m2	474.36		0.00
		1a, 1b, 1b, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 12a, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 30, 31, 32, 33, 34, 35, 35a, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 46a, 4				
4.	Sec A.5.1	Supply and placement of one layer of polyethylene film below cement screed. Film shall be installed with 30 cm overlaps. Price shall include material, transport and works.	m2	474.36		0.00
		1a, 1b, 1bv, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 12a, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 30, 31, 32, 33, 34, 35, 35a, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 46a, 47				
		TOTAL WATERPROOFING AND THERMAL INSULATION-INSULATION				0.00

A Bill A -Construction and finishing Facility

NR	Technical Specification Ref. number	TYPE OF WORKS	Total Amount
V	Sec A. 5	V. WATERPROOFING AND THERMAL INSULATION-INSULATION	
TOTAL			0.00

3



BILL A**Reconstruction and adaptation of part of the facility UKP NKTC laboratories for physical and chemical properties and toxicological expertise.**

No.	Technical Specification Ref. number	Description of works	Unit	Quantity	Unit price	Total Price
Facility						
VI	Sec A. 6	VI. FLOOR WORKS-TILING				
1.	Sec A.6.1	<p>Supply of material, placement and pointing of floor slip proof granite tiles, in corridors, on stairs landings and inter-landings, dimensions and colour as instructed by investor.</p> <p>Granite tiles of first class shall be glued with cermaics glue, type <i>MAPEI KERABOND</i> or appropriate, in compliance with investor's choice.</p> <p>Prior to works, floors shall be prepared and laying shall be done evenly.</p> <p>Laid tiles shall be pointed and cleaned.</p> <p>Price shall include material, transport and works.</p>	m2	149.89		0.00
2	Sec A.6.2	<p>Supply of material, laying and pointing of straight granite tile skirting 10 cm high, with the same tile as on the floor.</p> <p>Skirting shall be glued with tiling glue type <i>MAPEI KERABOND</i> or appropriate.</p> <p>Surface must be flat and prepared. Laid tiles shall be pointed and skirting shall be cleaned.</p> <p>Price shall include supply of tiles.</p> <p>Price shall include material, transport and works.</p>	m1	140.26		0.00
3	Sec A.6.3	<p>Supply of material, laying and pointing of sawtoothed staircase skirting and granite tile 10 cm high, with the same tile as on the floor.</p> <p>Skirting shall be glued with tiling glue type <i>MAPEI KERABOND</i> or appropriate.</p> <p>Surface must be flat and prepared. Laid tiles shall be pointed and skirting shall be cleaned. Price shall include supply of tiles.</p> <p>Price shall include material, transport and works.</p>	m1	45.84		0.00
4	Sec A.6.4	<p>Supply of material, laying and pointing of floor ceramic tiles, in sanitary blocks and kitchenettes, dimensions and colour of which shall be as instructed by investor.</p> <p>First class tiles shall be glued with glue for tiles, type <i>MAPEI KERABOND</i> or appropriate, in compliance with investor's choice.</p> <p>Prior to works, floors shall be prepared and tiles shall be laid straight and levelled.</p> <p>Laid tiles shall be pointed and cleaned.</p> <p>Price shall include material, transport and works.</p>	m2	26.38		0.00
		rooms: 19, 34, 34A, 34B, 34B', 34V, 34V', 34G, 47				

BILL A**Reconstruction and adaptation of part of the facility UKP NKTC laboratories for physical and chemical properties and toxicological expertise.**

No.	Technical Specification Ref. number	Description of works	Unit	Quantity	Unit price	Total Price
Facility						
5	Sec A.6.5	Supply of material, laying and pointing of wall ceramic tiles, in sanitary blocks and kitchenettes and offices, dimensions and colour of which shall be as instructed by investor. First class tiles shall be glued with glue for tiles, type MAPEI KERABOND or appropriate, in compliance with investor's choice. Prior to works, floors shall be prepared and tiles shall be laid evenly. Laid tiles shall be pointed and cleaned. Price shall include material, transport and works.	m2	505.08		0.00
6	Sec A.6.6	Supply of material, laying and pointing of acid resistant floor ceramic tiles, in laboratories, dimensions and colour shall be as instructed by investor. First class tiles shall be glued with epoxy compound for gluing and pointing, type MAPEI KERAPOXY or appropriate, in compliance with investor's choice. Prior to works, floors shall be prepared and tiles shall be laid evenly. Laid tiles shall be pointed and cleaned. Price shall include material, transport and works.	m2	137.53		0.00
		rooms: 8, 9, 11, 14, 15, 18, 19, 21, 22, 24, 25, 27, 28, 39, 42, 47, 34, 34A, 34B, 34B', 34V, 34V', 34G, 36, 37				
7	Sec A.6.7	Supply of material, laying and pointing of acid resistant floor ceramic tiles, in laboratories, dimensions and colour shall be as instructed by investor. First class tiles shall be glued with epoxy compound for gluing and pointing, type MAPEI KERAPOXY or appropriate, in compliance with investor's choice. Prior to works, floors shall be prepared and tiles shall be laid evenly. Laid tiles shall be pointed and cleaned. Price shall include material, transport and works.	m2	289.15		0.00
		rooms: 3, 10, 12, 12a, 13, 17, 20, 26, 40, 41, 43				
TOTAL FLOOR WORKS-TILING						0.00

BILL A

Reconstruction and adaptation of part of the facility UKP NKTC laboratories for physical and chemical properties and toxicological expertise.

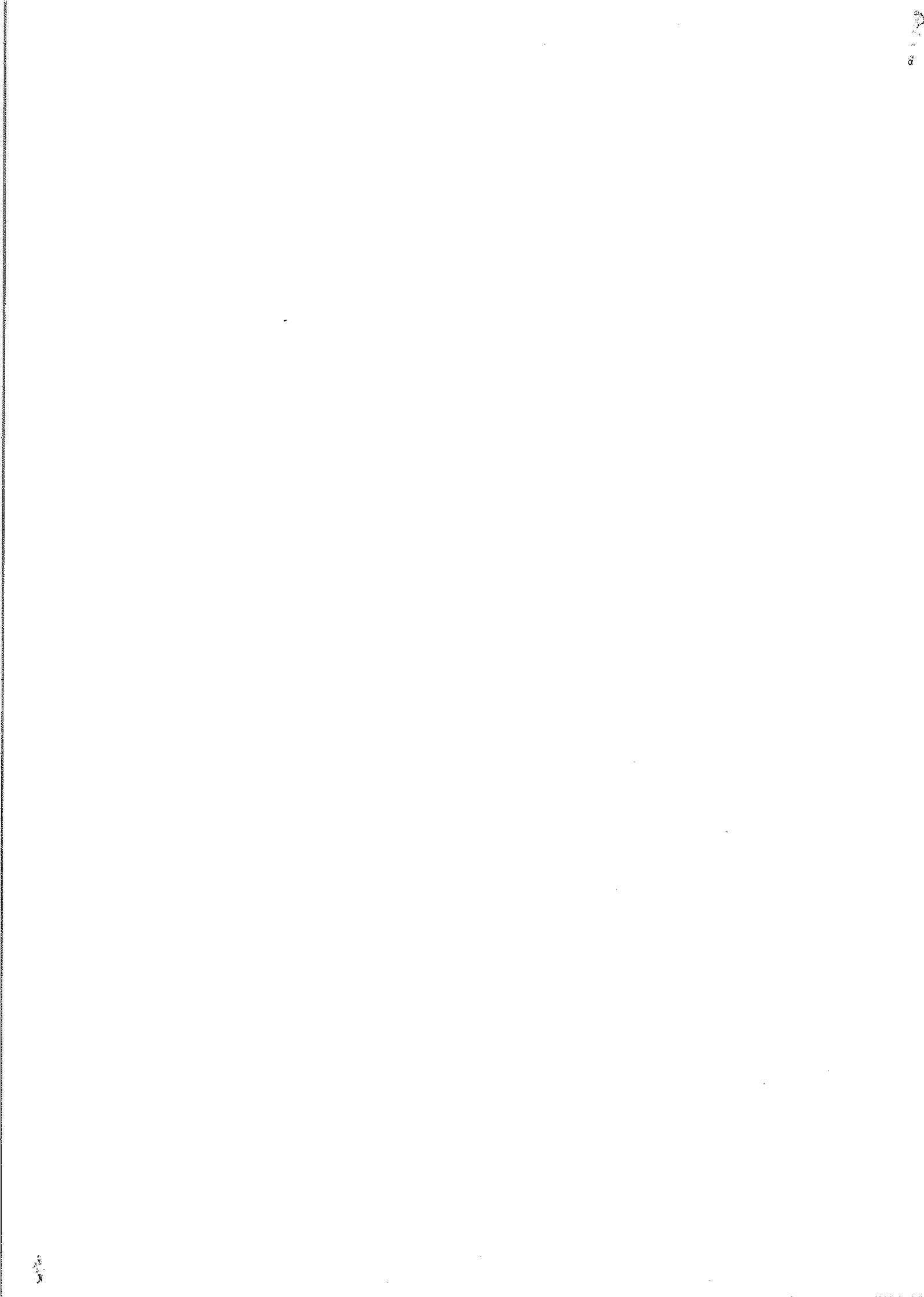
No.	Technical Specification Ref. number	Description of works	Unit	Quantity	Unit price	Total Price
Facility						

A **Bill A -Construction and finishing**

Facility

NR		TYPE OF WORKS	Total Amount
VI	Sec A. 6	VI. FLOOR WORKS-TILING	
TOTAL			0.00





BILL A**Reconstruction and adaptation of part of the facility UKP NKTC laboratories for physical and chemical properties and toxicological expertise.**

No.	Technical Specification Ref. number	Description of works	Unit	Quantity	Unit price	Total Price
Facility						
VII	Sec A. 7	VII. FLOOR WORKS-FLOOR UNDERLAYERS				
1	Sec A.7.1	<p>Supply and placement of antistatic floor, made of homogenous PVC based floor straps.</p> <p>Floor shall not release toxic gases during combustion, type Bfl, S1/Cfl. S1.</p> <p>Straps shall be 200 cm wide and 2 mm thick.</p> <p>Finished base must be solid, finely floated and dry.</p> <p>Base shall be clean, levelling compound shall be applied and finely grinded.</p> <p>Place copper tapes on prepared surface, 15-20 mm wide and 0,10 mm thick, in grid as instructed by manufacturer, connected to grounding.</p> <p>Antistatic strips shall be unfolded before installation, placed and left for 24 hours at the room temperature on 15 degrees.</p> <p>Placement shall be carried out by double cutting procedure, taking care not to damage copper tapes.</p> <p>Joints shall be welded with hot air, with soft PVC electrodes.</p> <p>Immediately after installation, the anti-static floor framing shall be cleaned and coated with agent based on emulsions for protection and care of PVC floors.</p> <p>10 cm high wall coverings shall be placed on the edges of premises, which shall be included in the price.</p> <p>Placement method, colour of antistatic tapes shall be selected by investor.</p> <p>Price shall include material, transport and works.</p>	m2	101.34		0.00
		rooms: 8, 9, 10, 11, 14, 15, 16, 21, 22, 24, 25, 27, 38,				
		39, 42, 45, 46a				

Facility						
2	Sec A.7.2	<p>Supply and placement of antistatic floor, made of homogenous PVC based floor straps.</p> <p>Floor shall not release toxic gases during combustion, type Bfl, S1</p> <p>Straps shall be 200 cm wide and 2 mm thick.</p> <p>Finished base must be solid, finely floated and dry.</p> <p>Base shall be clean, levelling compound shall be applied and finely grinded.</p> <p>Place copper tapes on prepared surface, 15-20 mm wide and 0,10 mm thick, in grid as instructed by manufacturer, connected to grounding.</p> <p>Antistatic strips shall be unfolded before installation, placed and left for 24 hours at the room temperature on 15 degrees.</p> <p>Placement shall be carried out by double cutting procedure, taking care not to damage copper tapes.</p> <p>Joints shall be welded with hot air, with soft PVC electrodes.</p> <p>Immediately after installation, the anti-static floor framing shall be cleaned and coated with agent based on emulsions for protection and care of PVC floors.</p> <p>10 cm high wall coverings shall be placed on the edges of premises, which shall be included in the price.</p> <p>Placement method, colour of antistatic tapes shall be selected by investor.</p> <p>Price shall include material, transport and works.</p>	m2	6.82		0.00
3.	Sec A.7.3	<p>Supply and placement of antistatic floor, made of homogenous PVC base.</p> <p>Straps shall be 200 cm wide and 2 mm thick.</p> <p>Finished base must be solid, finely floated and dry.</p> <p>Base shall be clean, levelling compound shall be applied and finely grinded.</p> <p>Strips shall be unfolded before installation, placed and left for 24 hours at the room temperature on 15 degrees.</p> <p>Placement shall be carried out by double cutting procedure, taking care not to damage copper tapes.</p> <p>Joints shall be welded with hot air, with soft PVC electrodes.</p> <p>Immediately after installation, the anti-static floor framing shall be cleaned and coated with agent based on emulsions for protection and care of PVC floors.</p> <p>10 cm high wall coverings shall be placed on the edges of premises, which shall be included in the price.</p> <p>Placement method, colour of antistatic tapes shall be selected by investor.</p> <p>Price shall include material, transport and works.</p>	m2	144.43		0.00
TOTAL FLOOR WORKS-FLOOR UNDERLAYERS						0.00

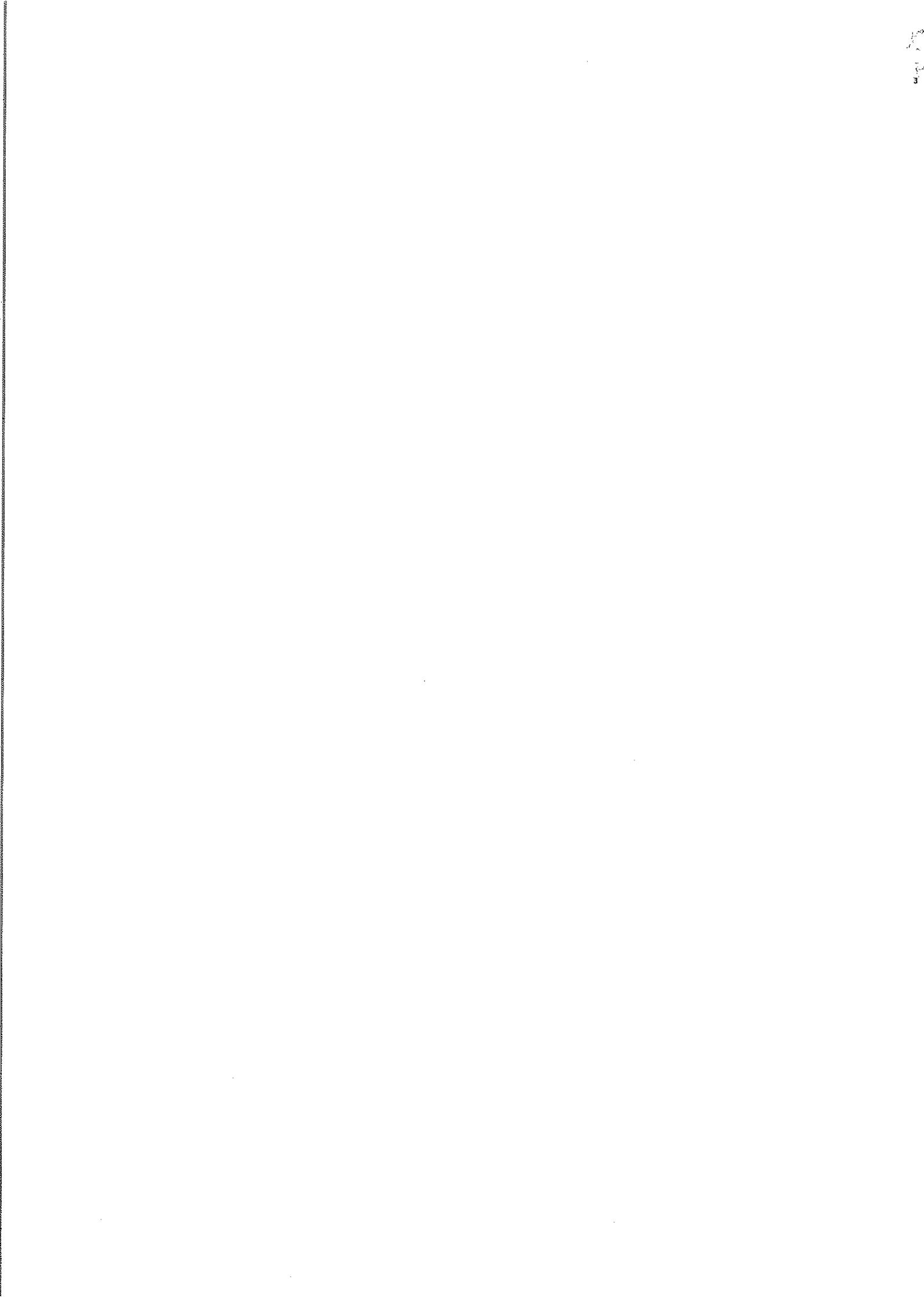
Facility

A

Bill A -Construction and finishing works

Facility

NR		TYPE OF WORKS	Total Amount
VII	Sec A. 7	VII. FLOOR WORKS-FLOOR UNDERLAYERS	
TOTAL			0.00



BILL A

Reconstruction and adaptation of part of the facility UKP NKTC laboratories for physical and chemical properties and toxicological expertise.

No.	Technical Specification Ref. number	Description of works	Unit	Quantity	Unit price	Total Price
Facility						
VIII	Sec A.8	VIII. PAINTING AND DECORATING				
1	Sec A.8.1	Painting of gypsum plasterboard walls and ceilings with dispersive paint in two layers, previously skimmed. Heads of screw and joints shall be skimmed with dispersive skim compound and grinded until smooth surface ready for use is achieved. Colour again and correct any potential damages with dispersive putty. Dispersive paint shall be applied both times. Colour and shade shall be investor's choice. Price shall include material, transport, scaffold and works.	m2	1,315.19		0.00
		walls rooms: 1a, 1b, 1v, 2, 35, 35a, 4, 5, 6, 7, 23, 28, 30, 31, 32, 33, 36, 37, 38, 39, 42, 44, 45, 46, 46a ceilings rooms: 1a, 1b, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 12a, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 30, 31, 32, 33, 34, 34a, 34b, 34b', 34v, 34v', 34g, 35, 35a, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 46a, 47				
2	Sec A.8.2	Scraping of old paint and painting of walls and ceilings in staircase space. All surfaces shall be scraped and washed. Grinding, pre impregnate, and repair with dispersive putty smaller damages. Repeat grinding, pre impregnate, and repair with dispersive putty smaller damages. Colour and shade shall be investor's choice. Price shall include material, transport, scaffold and works.	m2	488.23		0.00
3	Sec A.8.3	Hygienic rendering of walls and ceiling of elevator well and hidrocil. Walls shall be cleaned and coated twice with distemper. Price shall include material, works and transport.	m2	247.06		0.00
TOTAL PAINTING AND DECORATING						0.00

A

Bill A -Construction and finishing

Facility

NR		TYPE OF WORKS	Total Amount
VIII	Sec A. 8	VIII. PAINTING AND DECORATING	
TOTAL			0.00

3

BILL A

Reconstruction and adaptation of part of the facility UKP NKTC laboratories for physical and chemical properties and toxicological expertise.

No.	Technical Specification Ref. number	Description of works	Unit	Quantity	Unit price	Total Price
Facility						
IX	Sec A. 9	IX. DRYWALL WORKS				
1	Sec A.9.1	<p>Construction of fireproof partition wall, 150 mm thick, single metal substructure coated on both sides with triple waterproof and fireproof gypsum plasterboards GKF 12,5 mm, system <i>KNAUF W113</i> or appropriate. Partition walls shall be made of single galvanized sections CW75; mineral wool, 50 mm thick, shall be placed on both sides and covered with triple waterproof and fireproof gypsum plasterboards, in compliance with the design and manufacturer's instructions.</p> <p>Sections on floors and ceilings shall be covered with self-adhesive tape for sound insulation.</p> <p>Joints shall be finished with skim compound and bandage tapes, as instructed by manufacturer.</p> <p>In the corners, galvanized sheet metal protective sections, 0,5mm thick, shall be placed and it shall be included in price.</p> <p>Where foreseen by the design, appropriate steel sections shall be placed -blind frames, as doors support.</p> <p>Fireproofing capacity shall be F 120.</p> <p>Price shall include material, transport, scaffold and works.</p> <p>Making of blind frames for door frame or other openings, up to 2,5 m2 surface of light opening, shall be calculated separately, but that is why the opening surface shall not be deducted.</p>	m2	45.87		0.00
2.	Sec A.9.2	<p>Construction of partition wall, 125 mm thick, single metal substructure coated on both sides with triple waterproof and fireproof gypsum plasterboards GKF 12,5 mm, system <i>KNAUF W112</i> or appropriate. Partition walls shall be made of single galvanized sections CW75; mineral wool, 50 mm thick, shall be placed on both sides and covered with triple waterproof and fireproof gypsum plasterboards, in compliance with the design and manufacturer's instructions.</p> <p>Sections on floors and ceilings shall be covered with self-adhesive tape for sound insulation.</p> <p>Joints shall be finished with skim compound and bandage tapes, as instructed by manufacturer.</p> <p>In the corners, galvanized sheet metal protective sections, 0,5mm thick, shall be placed and it shall be included in price.</p>	m2	792.27		0.00

BILL A

Reconstruction and adaptation of part of the facility UKP NKTC laboratories for physical and chemical properties and toxicological expertise.

No.	Technical Specification Ref. number	Description of works	Unit	Quantity	Unit price	Total Price
		Where foreseen by the design, appropriate steel sections shall be placed -blind frames, as doors support. Price shall include material, transport, scaffold and works. Making of blind frames for door frame or other openings, up to 2,5 m2 surface of light opening, shall be calculated separately, but that is why the opening surface shall not be deducted.				
3.	Sec A.9.3	Facade parapet walls shall be covered with gypsum plasterboards, including construction of metal substructure tightened to the wall, system <i>KNAUF W623</i> or appropriate. Total thickness of covering shall be 112,5 mm. Metal substructure shall be made of galvanized CW 100 sections, in compliance with the design and manufacturer's instructions. 100 mm thick mineral wool shall be placed and gypsum plasterboards shall be tightened, GKB 12,5 mm. Joints shall be finished with skim compound and bandage tapes, as instructed by manufacturer. Price shall include material, transport, scaffold and works.	m2	83.71		0.00
4.	Sec A.9.4	Walls and columns shall be covered with double gypsum plasterboards including construction of metal substructure tightened to the wall, system <i>KNAUF W623</i> or appropriate. Total thickness of covering shall be 75 mm. Metal substructure shall be made of galvanized CW 50 sections, in compliance with the design and manufacturer's instructions. 50 mm thick mineral wool shall be placed and gypsum plasterboards shall be tightened, GKB 2*12,5 mm. Joints shall be finished with skim compound and bandage tapes, as instructed by manufacturer. Total thickness of covering shall be 75 mm. Price shall include material, transport, scaffold and works	m2	60.20		0.00
5.	Sec A.9.5	Covering of flat walls and columns, dry rendering, with triple gluing of gypsum plasterboards GKB of 12,5 mm thickness, system <i>KNAUF W611</i> or appropriate. Gypsum plasterboards shall be glued to flat wall in three layers with <i>Fugenfiller</i> glue. Joints shall be finished with skim compound and bandage tapes, as instructed by manufacturer. Price shall include material, transport, scaffold and works.	m2	96.18		0.00

BILL A

Reconstruction and adaptation of part of the facility UKP NKTC laboratories for physical and chemical properties and toxicological expertise.

No.	Technical Specification Ref. number	Description of works	Unit	Quantity	Unit price	Total Price
6.	Sec A.9.6	<p>Construction of dropped ceiling with steel substructure and covering with double fireproof massive gypsum plasterboards GKF 20 mm, system <i>KNAUF D116</i> or appropriate.</p> <p>Fireproofing capacity shall be F 90, on both sides.</p> <p>Double substructure shall be made supportive galvanized sections UA 50x40 mm and prefabricated galvanized sections CD 60x27 mm tightened with stiff Nonius supports to supported ceiling and covered with gypsum plasterboards GKF 2*20 mm, in compliance with the design and manufacturer's instructions.</p> <p>On the top of substructure, mineral wool of 40 mm thickness and 40kg/m³ density shall be placed between and over supportive UA sections.</p> <p>Joints shall be finished with skim compound and bandage tapes, as instructed by manufacturer.</p> <p>Price shall also include fire protection boxes for lights and ventilation ducts.</p> <p>Price shall include material, transport, scaffold and works.</p>	m2	30.70		0.00
7.	Sec A.9.7	<p>Construction of dropped ceiling with steel substructure and covering with gypsum plasterboards GKF 12,5 mm, system <i>KNAUF D112</i>.</p> <p>Double substructure shall be made supportive and prefabricated galvanized sections CD 60x27 mm tightened with hangers to supported ceiling and covered with gypsum plasterboards GKF 2*20 mm, in compliance with the design and manufacturer's instructions.</p> <p>On the top of substructure, mineral wool of 30 mm thickness and 40kg/m³ density shall be placed between and over supportive UA sections.</p> <p>Joints shall be finished with skim compound and bandage tapes, as instructed by manufacturer.</p> <p>Price shall include material, transport, scaffold and works.</p>	m2	457.59		0.00
8.	Sec A.9.8	<p>Construction of dropped ceiling with steel substructure and covering with fireproof gypsum plasterboards GKF 12,5 mm, system <i>KNAUF D112</i>.</p> <p>Double substructure shall be made supportive and prefabricated galvanized sections CD 60x27 mm tightened with hangers to supported ceiling and covered with gypsum plasterboards, in compliance with the design and manufacturer's instructions.</p> <p>On the top of substructure, mineral wool of 30 mm thickness and 40kg/m³ density shall be placed between and over supportive sections as sound insulation.</p> <p>Joints shall be finished with skim compound and bandage tapes, as instructed by manufacturer.</p> <p>Price shall include material, transport, scaffold and works.</p>	m2	20.15		0.00

BILL A

Reconstruction and adaptation of part of the facility UKP NKTC laboratories for physical and chemical properties and toxicological expertise.

No.	Technical Specification Ref. number	Description of works	Unit	Quantity	Unit price	Total Price
9.	Sec A.9.9	Making of inspection openings in dropped ceilings. Inspection covers shall be installed as per manufacturer's instructions. Price shall include material, transport, scaffold and works.	pcs	45.00		0.00
10.	Sec A.9.10	Supply of material and covering of installation ducts in dropped ceilings in corridor, with fire protective cement-silicate boards type PROMATECT AD or appropriate, on steel substructure. Cement-silicate boards of 50 mm thickness, fireproofing capacity F 120 , shall be placed fully in compliance with the design and manufacturer's instructions. Price shall include material, transport and works.	m2	57.61		0
TOTAL DRYWALL WORKS						0.00

A

**Bill A -Construction and finishing
Facility**

NR		TYPE OF WORKS	Total Amount
IX	Sec A. 9	IX. DRYWALL WORKS	
TOTAL			0.00

3

BILL A

Reconstruction and adaptation of part of the facility UKP NKTC laboratories for physical and chemical properties and toxicological expertise.

No.	Technical Specification Ref number	Description of works	Unit	Quantity	Unit price	Total Price
		Facility				
X	Sec A. 10	X. DOORS & WINDOWS-ALUMINIUM JOINERY				
1.	Sec A.10.1	<p>Construction and installation of internal solid door. dimensions 90/210 cm</p> <p>Door shall be installed in gypsum-cardboard wall of 12.5 cm thickness.</p> <p>Door structure shall be aluminium sections without thermal bridge.</p> <p>Door wing shall be solid, aluminium sections structure filled with aluminium thermal panel of 2cm thickness.</p> <p>Wings shall be filled with EPDM packing.</p> <p>Three-sided EPDM packing shall be placed in door frame. "Falc" door three-sided.</p> <p>Door shall be installed on steel door frame (blind door frame) previously placed within prefabricated gypsum-cardboard wall.</p> <p>Door shall be supplied with good quality door furnish hardware in compliance with SRPS, cylinder lock with three keys and panic lock.</p> <p>Colour and shade of door furnish hardware shall be as per investor's choice.</p> <p>Opening shall be in compliance with the drawing.</p> <p>Appropriate framing strips shall be foreseen including rubber buffer stop to limit opening of doors.</p> <p>Finishing shall be anodising in colour and shade as per investor's choice, from manufacturer's catalogue.</p> <p>Fully in compliance with the design and drawing.</p> <p>All measures shall be checked on site.</p> <p>Price shall include material, transport and works.</p>	pcs	12.00		0.00
		item1 dimensions 90/210 cm				

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BILL A

Reconstruction and adaptation of part of the facility UKP NKTC laboratories for physical and chemical properties and toxicological expertise.

No.	Technical Specification Ref. number	Description of works	Unit	Quantity	Unit price	Total Price
2.	Sec A.10.2	<p>Construction and installation of internal solid door.dimension 90/210 cm</p> <p>Door shall be installed in gypsum-cardboard wall of 12.5 cm thickness.</p> <p>Door structure shall be aluminium sections without thermal bridge.</p> <p>Door wing shall be solid, aluminium sections structure filled with aluminium thermal panel of 2cm thickness. Wings shall be filled with EPDM packing.</p> <p>Three-sided EPDM packing shall be placed in the door frame. "Falc" door three-sided.</p> <p>Door shall be installed on steel door frame (blind door frame) previously placed within prefabricated gypsum-cardboard wall.</p> <p>Door shall be supplied with good quality door furnish hardware in compliance with SRPS, cylinder lock with three keys and panic lock.</p> <p>Colour and shade of door furnish hardware shall be as per investor's choice.</p> <p>Opening shall be in compliance with the drawing.</p> <p>Appropriate framing strips shall be foreseen including rubber buffer stop to limit opening of doors.</p> <p>Finishing shall be anodising in colour and shade as per investor's choice, from manufacturer's catalogue.</p> <p>Fully in compliance with the design and drawings.</p> <p>All measures shall be checked on site.</p> <p>Price shall include material, works and transport.</p>	pcs	2.00		0.00
		item 1a dimension 90/210 cm				
3	Sec A.10.3	<p>Construction and installation of internal solid door.dimension 90/210 cm</p> <p>Door shall be installed in gypsum-cardboard wall of 12.5 cm thickness.</p> <p>Door structure shall be aluminium sections without thermal bridge.</p> <p>Door wing shall be solid, aluminium sections structure filled with aluminium thermal panel of 2cm thickness. Wings shall be filled with EPDM packing.</p> <p>Three-sided EPDM packing shall be placed in the door frame. "Falc" door three-sided.</p> <p>Door shall be installed on steel door frame (blind door frame) previously placed within prefabricated gypsum-cardboard wall.</p> <p>Door shall be supplied with good quality door furnish hardware in compliance with SRPS, cylinder lock with three keys and panic lock.</p> <p>Colour and shade of door furnish hardware shall be as per investor's choice.</p> <p>Opening shall be in compliance with the drawing.</p> <p>Appropriate framing strips shall be foreseen including rubber buffer stop to limit opening of doors.</p> <p>Finishing shall be anodising in colour and shade as per investor's choice, from manufacturer's catalogue.</p> <p>All elements shall be tested for full proofing.</p> <p>Fully in compliance with the design and drawings.</p> <p>All measures shall be checked on site.</p> <p>Price shall include material, works and transport.</p>	pcs	6.00		0.00
		item 1b dimension 90/210 cm				

BILL A

Reconstruction and adaptation of part of the facility UKP NKTC laboratories for physical and chemical properties and toxicological expertise.

No.	Technical Specification Ref. number	Description of works	Unit	Quantity	Unit price	Total Price
4.	Sec A.10.4	<p>Construction and installation of internal solid door with light above it. dimension 90/210+70 cm</p> <p>Door shall be installed in gypsum-cardboard wall of 12.5 cm thickness.</p> <p>Door structure shall be aluminium sections without thermal bridge.</p> <p>Door wing shall be solid, aluminium sections structure filled with aluminium thermal panel of 2cm thickness.</p> <p>Wings shall be filled with EPDM packing.</p> <p>Three-sided EPDM packing shall be placed in the door frame. "Falc" door three-sided. Light above the door shall be glazed with pamplex glass of 2x5mm thickness.</p> <p>Door shall be installed on steel door frame (blind door frame) previously placed within prefabricated gypsum-cardboard wall.</p> <p>Door shall be supplied with good quality door furnish hardware in compliance with SRPS, cylinder lock with three keys and panic lock.</p> <p>Colour and shade of door furnish hardware shall be as per investor's choice.</p> <p>Opening shall be in compliance with the drawing.</p> <p>Appropriate framing strips shall be foreseen including rubber buffer stop to limit opening of doors.</p> <p>Finishing shall be anodising in colour and shade as per investor's choice, from manufacturer's catalogue.</p> <p>All elements shall be tested for full proofing.</p> <p>Fully in compliance with the design and drawings.</p> <p>All measures shall be checked on the site.</p> <p>Price shall include material, works and transport.</p>	pcs	2.00		0.00
		item 1 v dimension 90/210+70 cm				

3

BILL A

Reconstruction and adaptation of part of the facility UKP NKTC laboratories for physical and chemical properties and toxicological expertise.

No.	Technical Specification Ref. number	Description of works	Unit	Quantity	Unit price	Total Price
5.	Sec A.10.5	<p>Construction and installation of internal glazed door. dimension 90/210 cm</p> <p>Door shall be installed in gypsum-cardboard wall of 12.5 cm thickness.</p> <p>Door structure shall be aluminium sections without thermal bridge.</p> <p>Door wing shall be glazed with pamplex glass of 2x5mm thickness.</p> <p>Wings shall be filled with EPDM packing and rounded strips.</p> <p>Three-sided EPDM packing shall be placed in the door frame. "Falc" door three-sided.</p> <p>Door shall be installed on steel door frame (blind door frame) previously placed within prefabricated gypsum-cardboard wall.</p> <p>Door shall be supplied with good quality door furnish hardware in compliance with SRPS, cylinder lock with three keys and panic lock.</p> <p>Colour and shade of door furnish hardware shall be as per investor's choice.</p> <p>Opening shall be in compliance with the drawing.</p> <p>Appropriate framing strips shall be foreseen including rubber buffer stop to limit opening of doors.</p> <p>Finishing shall be anodising in colour and shade as per investor's choice, from manufacturer's catalogue.</p> <p>All elements shall be tested for full proofing.</p> <p>Fully in compliance with the design and drawings.</p> <p>All measures shall be checked on the site.</p> <p>Price shall include material, works and transport.</p>	pcs	3		0
		item 2 dimension 90/210 cm				
6.	Sec A.10.6	<p>Construction and installation of internal glazed door with light above it. dimension 90/210+70 cm</p> <p>Door shall be installed in gypsum-cardboard wall of 12.5 cm thickness.</p> <p>Door structure shall be aluminium sections without thermal bridge.</p> <p>Door wing and light above the door shall be glazed with pamplex glass of 2x5mm thickness.</p> <p>Wings shall be filled with EPDM packing and rounded strips.</p> <p>Three-sided EPDM packing shall be placed in the door frame. "Falc" door three-sided.</p> <p>Door shall be installed on steel door frame (blind door frame) previously placed within prefabricated gypsum-cardboard wall.</p> <p>Door shall be supplied with good quality door furnish hardware in compliance with SRPS, cylinder lock with three keys and panic lock.</p> <p>Colour and shade of door furnish hardware shall be as per investor's choice.</p> <p>Opening shall be in compliance with the drawing.</p> <p>Appropriate framing strips shall be foreseen including rubber buffer stop to limit opening of doors.</p> <p>Finishing shall be anodising in colour and shade as per investor's choice, from manufacturer's catalogue.</p> <p>All elements shall be tested for full proofing.</p> <p>Fully in compliance with the design and drawings.</p> <p>All measures shall be checked on the site.</p> <p>Price shall include material, works and transport.</p>	pcs	11		0
		item 3 dimension 90/210+70 cm				

B

BILL A

Reconstruction and adaptation of part of the facility UKP NKTC laboratories for physical and chemical properties and toxicological expertise.

No.	Technical Specification Ref. number	Description of works	Unit	Quantity	Unit price	Total Price
7.	Sec A.10.7	<p>Construction and installation of internal glazed partition with door.dimension 90/280+85/150 cm Partition shall be installed in gypsum-cardboard wall of 12.5 cm thickness. Partition structure shall be aluminium sections without thermal bridge. Door wing, light above the door and fixed part shall be glazed with pamplex glass of 2x5mm thickness. Glazed wings shall be filled with EPDM packing and rounded strips. Three-sided EPDM packing shall be placed in the door frame. "Falc" door three-sided. Door shall be installed on steel door frame (blind door frame) previously placed within prefabricated gypsum-cardboard wall. Door shall be supplied with good quality door furnish hardware in compliance with SRPS, cylinder lock with three keys and panic lock. Colour and shade of door furnish hardware shall be as per investor's choice. Opening shall be in compliance with the drawing. Appropriate framing strips shall be foreseen including rubber buffer stop to limit opening of doors. Finishing shall be anodising in colour and shade as per investor's choice, from manufacturer's catalogue. All elements shall be tested for full proofing. Fully in compliance with the design and drawings. All measures shall be checked on the site. Price shall include material, works and transport.</p>	pcs	1		0
		item 4 dimension 90/280+85/150 cm				
8	Sec A.10.8	<p>Construction and installation of internal solid door with light installed above it.dimension 90/280+210/70 cm Door shall be installed in gypsum-cardboard wall of 12.5 cm thickness. Door structure shall be aluminium sections without thermal bridge. Light above the door shall be glazed with pamplex glass of 2x5mm thickness. Glazed wings and light shall be filled with EPDM packing and rounded strips. Three-sided EPDM packing shall be placed in the door frame. "Falc" door three-sided. Door shall be installed on steel door frame (blind door frame) previously placed within prefabricated gypsum-cardboard wall. Door shall be supplied with good quality door furnish hardware in compliance with SRPS, cylinder lock with three keys and panic lock. Colour and shade of door furnish hardware shall be as per investor's choice. Opening shall be in compliance with the drawing. Appropriate framing strips shall be foreseen including rubber buffer stop to limit opening of doors. Finishing shall be anodising in colour and shade as per investor's choice, from manufacturer's catalogue. Fully in compliance with the design and drawings All measures shall be checked on the site Price shall include material, works and transport</p>	pcs	1		0
		item 5 dimension 90/280+210/70 cm				

BILL A

Reconstruction and adaptation of part of the facility UKP NKTC laboratories for physical and chemical properties and toxicological expertise.

No	Technical Specification Ref. number	Description of works	Unit	Quantity	Unit price	Total Price
9	Sec A.10.9	<p>Construction and installation of internal glazed double door with light installed above it, in gypsum-cardboard wall of 12.5 cm thickness. dimension 168/210+30cm</p> <p>Door structure shall be aluminium sections without thermal bridge.</p> <p>Door wings and light above the door shall be glazed with pamplex glass of 2x5mm thickness.</p> <p>Wings and the door lights shall be filled with EPDM packing and rounded strips.</p> <p>Three-sided EPDM packing shall be placed in the door frame. "Falc" door three-sided.</p> <p>Door shall be installed on steel door frame (blind door frame) previously placed within prefabricated gypsum-cardboard wall.</p> <p>Door shall be supplied with good quality door furnish hardware in compliance with SRPS, cylinder lock with three keys and panic lock.</p> <p>Colour and shade of door furnish hardware shall be as per investor's choice.</p> <p>Opening shall be in compliance with the drawing.</p> <p>Appropriate framing strips shall be foreseen including rubber buffer stop to limit opening of doors.</p> <p>Finishing shall be anodising in colour and shade as per investor's choice, from manufacturer's catalogue.</p> <p>All elements shall be tested for full proofing.</p> <p>Fully in compliance with the design and drawings.</p> <p>All measures shall be checked on the site.</p> <p>Price shall include material, works and transport.</p>	pcs	3		0
		item 6 dimension 168/210+30cm				
10	Sec A.10.10	<p>Construction and installation of internal glazed double door with light installed above it.</p> <p>dimension 160/210cm</p> <p>Door shall be installed in gypsum-cardboard wall of 12.5 cm thickness.</p> <p>Door structure shall be aluminium sections without thermal bridge.</p> <p>Door wings and light above the door shall be glazed with pamplex glass of 2x5mm thickness.</p> <p>Wings and the door lights shall be filled with EPDM packing and rounded strips.</p> <p>Three-sided EPDM packing shall be placed in the door frame. "Falc" door three-sided.</p> <p>Door shall be installed on steel door frame (blind door frame) previously placed within prefabricated gypsum-cardboard wall.</p> <p>Door shall be supplied with good quality door furnish hardware in compliance with SRPS, cylinder lock with three keys and panic lock.</p> <p>Colour and shade of door furnish hardware shall be as per investor's choice.</p> <p>Opening shall be in compliance with the drawing.</p> <p>Appropriate framing strips shall be foreseen including rubber buffer stop to limit opening of doors.</p> <p>Finishing shall be anodising in colour and shade as per investor's choice, from manufacturer's catalogue.</p> <p>All elements shall be tested for full proofing.</p> <p>Fully in compliance with the design and drawings.</p> <p>All measures shall be checked on the site.</p> <p>Price shall include material, works and transport.</p>	pcs	1		0
		item 6a dimension 160/210cm				

BILL A

Reconstruction and adaptation of part of the facility UKP NKTC laboratories for physical and chemical properties and toxicological expertise.

No.	Technical Specification Ref. number	Description of works	Unit	Quantity	Unit price	Total Price

BILL A

Reconstruction and adaptation of part of the facility UKP NKTC laboratories for physical and chemical properties and toxicological expertise.

No.	Technical Specification Ref. number	Description of works	Unit	Quantity	Unit price	Total Price
11	Sec A.10.11	<p>Construction and installation of internal fixed glazed partition in gypsum-cardboard wall of 12.5cm thickness. dimension 120/150 cm</p> <p>Partition structure shall be aluminium sections without thermal bridge.</p> <p>Glazed with pamplex glass of 2x5mm thickness, framed with EPDM packing and rounded strips.</p> <p>Partition shall be installed in steel frame previously placed within prefabricated gypsum-cardboard wall.</p> <p>Finishing shall be anodising in colour and shade as per investor's choice, from manufacturer's catalogue.</p> <p>All elements shall be tested for full proofing.</p> <p>Fully in compliance with the design and drawings</p> <p>All measures shall be checked on the site.</p> <p>Price shall include material, works and transport.</p>	pcs	1		0
		item 7 dimension 120/150 cm				
12	Sec A.10.12	<p>Construction and installation of internal fixed glazed partition in gypsum-cardboard wall of 12.5cm thickness.</p> <p>Partition structure shall be aluminium sections without thermal bridge.</p> <p>Glazed with pamplex glass of 2x5mm thickness, framed with EPDM packing and rounded strips.</p> <p>Partition shall be installed in steel frame previously placed within prefabricated gypsum-cardboard wall.</p> <p>Finishing shall be anodising in colour and shade as per investor's choice, from manufacturer's catalogue.</p> <p>All elements shall be tested for full proofing.</p> <p>Fully in compliance with the design and drawings.</p> <p>all measures shall be checked on the site.</p> <p>Price shall include material, works and transport.</p>	pcs	1		0
		Calculated per picccc.				
		item 8 dimension 197/150 cm				
13.	Sec A.10.13	<p>Construction and installation of internal fixed glazed partition in gypsum-cardboard wall of 12.5cm thickness.</p> <p>Partition structure shall be aluminium sections without thermal bridge.</p> <p>Glazed with pamplex glass of 2x5mm thickness, framed with EPDM packing and rounded strips.</p> <p>Partition shall be installed in steel frame previously placed within prefabricated gypsum-cardboard wall.</p> <p>Finishing shall be anodising in colour and shade as per investor's choice, from manufacturer's catalogue.</p> <p>All elements shall be tested for full proofing.</p> <p>Fully in compliance with the design and drawings.</p> <p>All measures shall be checked on the site.</p> <p>Price shall include material, works and transport.</p> <p>Calculated per piece.</p> <p>tem 9 dimension 234/150 cm</p>	pcs	1		0

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Reconstruction and adaptation of part of the facility UKP NKTC laboratories for physical and chemical properties and toxicological expertise.

No.	Technical Specification Ref. number	Description of works	Unit	Quantity	Unit price	Total Price
1.00	Sec A.10.14	<p>Construction and installation of internal glazed partition with door. Partition shall be installed in gypsum-cardboard wall of 12.5 cm thickness. Partition structure shall be aluminium sections without thermal bridge. Door wing, light above the door and fixed part shall be glazed with pamplex glass of 2x5mm thickness. Glazed wings shall be filled with EPDM packing and rounded strips. Three-sided EPDM packing shall be placed in the door frame. "Falc" door three-sided. Partition shall be installed on steel door frame (blind door frame) previously placed within prefabricated gypsum-cardboard wall. Door shall be supplied with good quality door furnish hardware in compliance with SRPS, cylinder lock with three keys and panic lock. Colour and shade of door furnish hardware shall be as per investor's choice. Opening shall be in compliance with the drawing. Appropriate framing strips shall be foreseen including rubber buffer stop to limit opening of doors. Finishing shall be anodising in colour and shade as per investor's choice, from manufacturer's catalogue.</p> <p>Fully in compliance with the design and drawings. All measures shall be checked on the site. Price shall include material, works and transport. Calculated per piece. item 10 dimension 90/280+220/150cm</p>	pcs	1.00		0.00
15.	Sec A.10.15	<p>Construction and installation of internal glazed partition with door. Partition shall be installed in gypsum-cardboard plasterboard wall of 12.5 cm thickness. Partition structure shall be aluminium sections without thermal bridge. Door wing, light above the door and fixed part shall be glazed with pamplex glass of 2x5mm thickness. Glazed wings shall be filled with EPDM packing and rounded strips. Three-sided EPDM packing shall be placed in the door frame. "Falc" door three-sided. Partition shall be installed on steel door frame (blind door frame) previously placed within prefabricated gypsum-cardboard wall. Door shall be supplied with good quality door furnish hardware in compliance with SRPS, cylinder lock with three keys and panic lock. Colour and shade of door furnish hardware shall be as per investor's choice. Opening shall be in compliance with the drawing. Appropriate framing strips shall be foreseen including rubber buffer stop to limit opening of doors. Finishing shall be anodising in colour and shade as per investor's choice, from manufacturer's catalogue. All elements shall be tested for full proofing.</p> <p>Fully in compliance with the design and drawings. All measures shall be checked on the site. Price shall include material, works and transport Calculated per piece. item 11 dimension 90/280+200/150 cm</p>	pcs	1		0.00

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BILL A

Reconstruction and adaptation of part of the facility UKP NKTC laboratories for physical and chemical properties and toxicological expertise.

No.	Technical Specification Ref. number	Description of works	Unit	Quantity	Unit price	Total Price
16.	Sec A.10.16	<p>Construction and installation of internal glazed partition with door. Partition shall be installed in gypsum wall of 12.5 cm thickness. Partition structure shall be aluminium sections without thermal bridge. Door wing, light above the door and fixed part shall be glazed with pamplex glass of 2x5mm thickness. Glazed wings shall be filled with EPDM packing and rounded strips. Three-sided EPDM packing shall be placed in the door frame. "Falc" door three-sided. Partition shall be installed on steel door frame (blind door frame) previously placed within prefabricated gypsum wall. Door shall be supplied with good quality door furnish hardware in compliance with SRPS, cylinder lock with three keys and panic lock. Colour and shade of door furnish hardware shall be as per investor's choice. Opening shall be in compliance with the drawing. Appropriate framing strips shall be foreseen including rubber buffer stop to limit opening of doors. Finishing shall be anodising in colour and shade as per investor's choice, from manufacturer's catalogue. All elements shall be tested for full proofing. Fully in compliance with the design and partitions. All measures shall be checked on the site. Price shall include material, works and transport. Calculated per piece.</p>	pcs	1		0.00
		item 12 dimension 90/280+170/150+90*150 cm				
17	Sec A.10.17	<p>Construction and installation of internal solid door. Door shall be installed in brick wall of 12 cm thickness. Door structure shall be aluminium sections without thermal bridge. Door wing shall be solid , with aluminium sections structure filled with aluminium thermal panel of 2cm thickness. Door fillings shall be framed with EPDM packing. Door shall be installed in steel door frame. Door wing shall be shortened for 8 cm for the purpose of better maintenance and ventilation, and it shall be furnished with hardware in compliance with SRPS, lock mechanism on the inside. Colour and shade of door furnish hardware shall be as per investor's choice. Opening shall be in compliance with the drawing. Appropriate framing strips shall be foreseen including rubber buffer stop to limit opening of doors. Finishing shall be anodising in colour and shade as per investor's choice, from manufacturer's catalogue. Fully in compliance with the design and drawings. All measures shall be checked on the site Price shall include material, works and transport. Calculated per piece.</p>	pcs	5		0.00
		item 13 dimension 80/210 cm				

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Reconstruction and adaptation of part of the facility UKP NKTC laboratories for physical and chemical properties and toxicological expertise.

No.	Technical Specification Ref. number	Description of works	Unit	Quantity	Unit price	Total Price
20.	Sec A.10.20	<p>Construction and installation of internal glazed partition - counter in gypsum-cardboard wall of 12,5 cm thickness.</p> <p>Frame structure shall be made of aluminium sections, anodized in colour per designer's choice, from manufacturer's catalogue, placed in steel blind frame 20x40mm.</p> <p>Partition shall be glazed with 6 mm thick tempered glass.</p> <p>Top part of the partition shall be fixed and cannot be moved. Glass shall be packed with EPDM rubber.</p> <p>Sliding part shall be equipped with appropriate finish hardware and handles made of anodized aluminium.</p> <p>Fully in compliance with the design and drawings.</p> <p>All measures shall be checked on the site.</p> <p>Price shall include material, works and transport.</p> <p>Calculated per piece.</p> <p>item 16 dimension 100/105 cm</p>	pcs	1		0.00
21.	Sec A.10.21	<p>Construction and installation of partition in the toilet for men. It shall be made of laminate compact boards of 13mm thickness connected to aluminium sections.</p> <p>Partition shall be fixed to the wall with "U" aluminium, wall sections, dimensions of which are 35x17mm.</p> <p>Partition shall be lifted at height of 30cm.</p> <p>Partition shall be done fully in compliance with submitted drawings and manufacturer's instructions</p> <p>Fully in compliance with the design and drawings.</p> <p>All measures shall be checked on the site.</p> <p>Price shall include material, works and transport.</p> <p>Calculated per piece.</p> <p>item 17 dimension 50/130 cm</p>	pcs	1		0.00
22.	Sec A.10.22	<p>Construction and installation of sliding door on the shower cabin.</p> <p>Door structure shall be aluminium steel without thermal bridge.</p> <p>Door wings shall be made with aluminium sections, filled with 6mm thick layer of acrylic.</p> <p>Wings filling shall be framed with EPDM packing.</p> <p>"Falc" door three-sided.</p> <p>Door furnish hardware shall be typical for this door type.</p> <p>Opening shall be as per drawings.</p> <p>Appropriate framing strips shall be included.</p> <p>Fully in compliance with the design and drawings</p> <p>All measures shall be checked on the site.</p> <p>Price shall include material, works and transport.</p> <p>Calculated per piece.</p> <p>item 17a dimension 107/180 cm</p>	pcs	1		0.00

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Reconstruction and adaptation of part of the facility UKP NKTC laboratories for physical and chemical properties and toxicological expertise.

No.	Technical Specification Ref. number	Description of works	Unit	Quantity	Unit price	Total Price
25.	Sec A.10.25	<p>Construction and installation of internal door on the room with safety shower .</p> <p>Door shall be installed in gypsum-cardboard wall of 12,5 cm thickness.</p> <p>Door structure shall be aluminium sections without thermal bridge.</p> <p>Solid door wing with aluminium sections filled with 2 mm thick layer of acrylic.</p> <p>Wings shall be filled with EPDM packing.</p> <p>Three-sided EPDM packing shall be placed in the door frame. "Falc" door three-sided.</p> <p>Door shall be installed on steel door frame (blind door frame) previously placed within prefabricated gypsum-cardboard wall.</p> <p>Door shall be supplied with good quality door furnish hardware in compliance with SRPS.</p> <p>Colour and shade of door furnish hardware shall be as per investor's choice.</p> <p>Opening shall be in compliance with the drawing.</p> <p>Appropriate framing strips shall be foreseen.</p> <p>Finishing shall be anodising in colour and shade as per investor's choice, from manufacturer's catalogue.</p> <p>Fully in compliance with the design and drawings.</p> <p>All measures shall be checked on the site.</p> <p>Price shall include material, works and transport.</p> <p>Calculated per piece.</p> <p>item 20 dimension 70/200 cm</p>	pcs	2		0.00
26.	Sec A.10.26	<p>Construction and installation of niche door.</p> <p>Door shall be installed in gypsum-cardboard wall of 12,5 cm thickness.</p> <p>Door structure shall be aluminium sections without thermal bridge. dimension 112/210 cm</p> <p>Solid door wing with aluminium sections filled with aluminium thermal panel of 2 cm thickness</p> <p>Wings shall be filled with EPDM packing.</p> <p>Three-sided EPDM packing shall be placed in the door frame. "Falc" door three-sided.</p> <p>Door shall be installed on steel door frame (blind door frame) previously placed within prefabricated gypsum-cardboard wall.</p> <p>Door shall be supplied with good quality door furnish hardware in compliance with SRPS, cylinder lock with three keys.</p> <p>Colour and shade of door furnish hardware shall be as per investor's choice.</p> <p>Opening shall be in compliance with the drawing.</p> <p>Appropriate framing strips shall be foreseen including.</p> <p>Finishing shall be anodising in colour and shade as per investor's choice, from manufacturer's catalogue.</p> <p>Fully in compliance with the design and drawings.</p> <p>All measures shall be taken on the site.</p> <p>Price shall include material, works and transport.</p> <p>item 21 dimension 112/210 cm</p>	pcs	1		0.00

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BILL A

Reconstruction and adaptation of part of the facility UKP NKTC laboratories for physical and chemical properties and toxicological expertise.

No.	Technical Specification Ref. number	Description of works	Unit	Quantity	Unit price	Total Price
27.	Sec A.10.27	<p>Construction and installation of door on built-in hydrant in gypsum-cardboard wall of 12,5 cm thickness. dimension 60*60 cm</p> <p>Door structure shall be aluminium sections without thermal bridge.</p> <p>Solid door wing with aluminium sections filled with aluminium thermal panel of 2 cm thickness</p> <p>Wings shall be filled with EPDM packing.</p> <p>Three-sided EPDM packing shall be placed in the door frame. "Falc" door three-sided.</p> <p>Door shall be installed on steel door frame (blind door frame) previously placed within prefabricated gypsum-cardboard wall.</p> <p>Door shall be supplied with good quality door furnish hardware in compliance with SRPS, cylinder lock with three keys.</p> <p>Colour and shade of door furnish hardware shall be as per investor's choice.</p> <p>Opening shall be in compliance with the drawing.</p> <p>Appropriate framing strips shall be foreseen.</p> <p>Finishing shall be anodising in colour and shade as per investor's choice, from manufacturer's catalogue.</p> <p>All measures shall be checked on the site.</p> <p>Price shall include material, works and transport.</p>	pcs	2		0.00
		item 22 dimension 60*60 cm				
28.	Sec A.10.28	<p>Adaptation of the existing windows.</p> <p>Existing windows on lateral facades between axis L and K next to axis 2 shall be adapted to new dimensions. dimension 115*100 cm</p> <p>Windows shall keep the existing dimensions lengthwise, while window height shall be shortened so that the wings remain below constructed duct, in order to provide passage of machine installations .</p> <p>Windows shall be supplied with appropriate furnish hardware which will enable opening in compliance with the drawing.</p> <p>Finishing shall be in compliance with the existing windows.</p> <p>All measures shall be checked on the site.</p> <p>Price shall include material, works and transport.</p>	pcs	2		0.00
		item 23 dimension 115*100 cm				
29.	Sec A.10.29	<p>Adaptation of the existing windows.</p> <p>Existing windows on lateral facades between axis L and K next to axis 2 and 7 shall be adapted to new dimensions. dimension 115*90 cm</p> <p>Windows shall keep the existing dimensions lengthwise, while window height shall be shortened so that the wings remain below constructed duct, in order to provide passage of machine installations .</p> <p>Windows shall be supplied with appropriate furnish hardware which will enable opening in compliance with the drawing.</p> <p>Finishing shall be in compliance with the existing windows.</p> <p>All measures shall be checked on the site.</p> <p>Price shall include material, works and transport.</p>	pcs	2		0.00
		item 24 dimension 115*90 cm				

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Reconstruction and adaptation of part of the facility UKP NKTC laboratories for physical and chemical properties and toxicological expertise.

No.	Technical Specification Ref. number	Description of works	Unit	Quantity	Unit price	Total Price
30.	Sec A.10.30	<p>Construction and installation of double door on electrical cabinet in gypsum-cardboard wall of 12.5 cm thickness. dimension 85/210 cm</p> <p>Door structure shall be aluminium sections without thermal bridge. Door wing shall be solid, with aluminium section profiles filled with aluminium thermal panel of 2cm thickness.</p> <p>Wings shall be framed with EPDM packing and rounded strips.</p> <p>Three-sided EPDM packing shall be placed in the door frame. "Falc" door three-sided.</p> <p>Door shall be installed in steel frame previously placed within prefabricated gypsum-cardboard wall. Door shall be supplied with good quality furnish hardware in compliance with SRPS. One wing shall be supplied with closing and locking mechanism, and the other wing with possibility to be fixed in top and bottom zone.</p> <p>Colour and shade of door furnish hardware shall be as per investor's choice.</p> <p>Opening shall be in compliance with the drawing. Appropriate framing strips shall be foreseen.</p> <p>Finishing shall be anodising in colour and shade as per investor's choice, from manufacturer's catalogue.</p> <p>Fully in compliance with the design and drawings.</p> <p>All measures shall be checked on the site.</p> <p>Price shall include material, works and transport.</p>	pcs	3		0.00
		item 25 dimension 85/210 cm				
31.	Sec A.10.31	<p>Construction and installation of double door in gypsum-cardboard wall of 12,5 cm thickness. dimension 96/210 cm</p> <p>Door structure shall be aluminium sections without thermal bridge.</p> <p>Solid door wing with aluminium sections filled with aluminium thermal panel of 2 cm thickness</p> <p>Wings shall be filled with EPDM packing.</p> <p>Three-sided EPDM packing shall be placed in the door frame. "Falc" door three-sided.</p> <p>Door shall be installed on steel door frame (blind door frame) previously placed within prefabricated gypsum-cardboard wall.</p> <p>Door shall be supplied with good quality door furnish hardware in compliance with SRPS, cylinder lock with three keys.</p> <p>Colour and shade of door furnish hardware shall be as per investor's choice.</p> <p>Opening shall be in compliance with the drawing. Appropriate framing strips shall be foreseen.</p> <p>Finishing shall be anodising in colour and shade as per investor's choice, from manufacturer's catalogue.</p> <p>Fully in compliance with the design and drawings.</p> <p>All measures shall be checked on the site.</p> <p>Price shall include material, works and transport.</p>	pcs	1		0.00
		item 26 dimension 96/210 cm				

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No	Technical Specification Ref. number	Description of works	Unit	Quantity	Unit price	Total Price
32	Sec A.10.32	<p>Construction and installation of double door on electric cabinet in gypsum-cardboard wall of 12,5 cm thickness, in the toilet anteroom. dimension 160/210 cm</p> <p>Door structure shall be aluminium sections without thermal bridge.</p> <p>Solid door wing with aluminium sections filled with aluminium thermal panel of 2 cm thickness</p> <p>Wings shall be filled with EPDM packing.</p> <p>Three-sided EPDM packing shall be placed in the door frame. "Falc" door three-sided.</p> <p>Door shall be installed on steel door frame (blind door frame) previously placed within prefabricated gypsum-cardboard wall.</p> <p>Door shall be supplied with good quality door furnish hardware in compliance with SRPS, cylinder lock with three keys.</p> <p>Colour and shade of door furnish hardware shall be as per investor's choice.</p> <p>Opening shall be in compliance with the drawing.</p> <p>Appropriate framing strips shall be foreseen.</p> <p>Finishing shall be anodising in colour and shade as per investor's choice, from manufacturer's catalogue.</p> <p>Fully in compliance with the design and drawings.</p> <p>All measures shall be checked on the site.</p> <p>Price shall include material, works and transport.</p>	pcs	1,00		0,00
		item 27 dimension 160/210 cm				
33	Sec A.10.33	<p>Sealing of the existing aluminium joinery on the facade.</p> <p>Appropriate sealing tapes shall be placed on wings which can be opened, windows shall be closed, handles shall be taken off and the holes closed with PVC plugs. All joints shall be permanently sealed with elastic sealing compound.</p> <p>Sealing of openings shall be done in compliance with the design.</p> <p>Price shall include material, works and transport.</p>	m2	139,26		0,00
34	Sec A.10.34	<p>Supply and installation of aluminium anodized jalousies on facade.</p> <p>Aluminium strips from the system <i>ALUMIL M5600 Solar shading</i> shall be placed on the existing and newly installed substructure on the facade.</p> <p>Installation shall be carried out in compliance with the project, drawing D2 and manufacturer's instructions.</p> <p>Shade of anodizing shall be in compliance with the existing facade.</p> <p>Price shall include material, works and transport.</p>	m2	52,22		0,00
35	Sec A.10.35	<p>Supply and installation of aluminium anodized jalousies on facade installation ducts.</p> <p>Aluminium strips from the system <i>ALUMIL M5600 Solar shading</i> shall be placed on the substructure of installation ducts on facade (calculated separately).</p> <p>Installation shall be carried out in compliance with the design, drawing D3 and manufacturer's instructions.</p> <p>Shade of anodizing shall be in compliance with the existing facade.</p> <p>Price shall include material, works and transport.</p>	m2	82,87		0,00

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No.	Technical Specification Ref. number	Description of works	Unit	Quantity	Unit price	Total Price
36.	Sec A.10.36	Repair of the existing external aluminium venetian blinds.	m2	183.89		0.00
		Blinds shall be inspected, cleaned and replace damaged parts, if any.				
		Price shall include material, works and transport.				
TOTAL DOORS-ALUMINIUM JOINERY						0.00

A Bill A -Construction and finishing Facility

NR		TYPE OF WORKS	Total Amount
X	Sec A. 10	X. DOORS & WINDOWS-ALUMINIUM JOINERY	
TOTAL			0.00

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Reconstruction and adaptation of part of the facility UKP NKTC laboratories for physical and chemical properties and toxicological expertise.

No.	Technical Specification Ref. number	Description of works	Unit	Quantity	Unit price	Total Price
		Facility				
XI	Sec A. 11	XI. WINDOWS-JOINERY				
1.	Sec A.11.1	Supply of material, construction and installation of window parapet covers of MDF, thickness 25 and 16 mm. Covers are made for width of 104,5+57 cm. Covers shall be placed on steel substructure of boxy sections 20*20 mm. Finishing of MDF shall be 3D gluing of chemically resistant melamine foil of 1 mm thickness, with vacuum or membrane press. Foil colour shall be selected by investor.. Chromed ventilation grids shall be placed over radiators, and this shall be included in price. Covers shall be made fully in compliance with the Price shall include material, work and transport.	m1	80.50	0.00	0.00
		EQUIPMENT PROCURED FROM DONATIONS				
		TOTAL WINDOW JOINERY				

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Bill A -Construction and finishing Facility

NR	Technical Specification Ref. number	TYPE OF WORKS	Total Amount
XI	Sec A. 11	XI. WINDOWS-JOINERY	
TOTAL			0.00

BILL A**Reconstruction and adaptation of part of the facility UKP NKTC laboratories for physical and chemical properties and toxicological expertise.**

No.	Technical Specification Ref. number	Description of works	Unit	Quantity	Unit price	Total Price
		Facility				
XII	Sec A. 12	XII. FIRE PROTECTION METALWORK AND FAÇADE COVERING				
1.	Sec A.12.1	<p>Construction and installation of fire protection double door.</p> <p>Door shall be installed in fire protection gypsum-cardboard wall of 15 cm thickness.</p> <p>Fireproofing capacity shall be F90 minutes.</p> <p>Door frame shall be metal fire protective, with steel profiled sheet and inserted fire protection strips for door wings fitting.</p> <p>Door wings shall be made of double steel sheet with fire protection filling.</p> <p>Door step shall be made of steel profiled sheet for installation of fire protection doors.</p> <p>Door wings shall be supplied with minimum three hinges per height, depending on the wings weight and required protections.</p> <p>Door shall be connected to the automatic closing system via fire protection station.</p> <p>All visible metal parts shall be painted with polishing synthetic paint in shade selected by investor.</p> <p>Installation of door frame in the wall at least on three positions per height and two per width of the door lintel.</p> <p>Fireproofing shall be certified in compliance with SRPS U.J1.160.</p> <p>Fully in compliance with the design and drawings.</p> <p>All measures shall be checked on the site.</p> <p>Price shall include material, works and transport.</p>	pcs	4.00		0.00

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No.	Technical Specification Ref. number	Description of works	Unit	Quantity	Unit price	Total Price
2.	Sec A.12.2	<p>Construction and installation of fire protection double door.</p> <p>Door shall be installed in fire protection gypsum-cardboard wall of 15 cm thickness.</p> <p>Fireproofing capacity shall be F90 minutes.</p> <p>Door frame shall be metal fire protective, with steel profiled sheet and inserted fire protection strips for door wings fitting.</p> <p>Door wings shall be made of double steel sheet with fire protection filling.</p> <p>Door step shall be made of steel profiled sheet for installation of fire protection doors.</p> <p>Door wings shall be supplied with minimum three hinges per height, depending on the wings weight and required protections.</p> <p>Door shall be connected to the automatic closing system via fire protection station.</p> <p>All visible metal parts shall be painted with polishing synthetic paint in shade selected by investor.</p> <p>Installation of door frame in the wall shall be done at least in three positions per height and two per width of the door lintel.</p> <p>Fireproofing shall be certified in compliance with SRPS U.J1.160.</p>	pcs	4.00		0.00
		<p>Fully in compliance with the design and drawings. all measures shall be checked on the site.</p> <p>Price shall include material, works and transport. Calculated per piece.</p> <p>item 1a dimension 170/210 cm</p> <p>4=</p>	pcs	4.00		0.00

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No.	Technical Specification Ref. number	Description of works	Unit	Quantity	Unit price	Total Price
3.	Sec A.12.3	<p>Construction and installation of fire protection, smoke proof, partly glazed double door.</p> <p>Door shall be installed in fire protection gypsum-cardboard wall of 12,5 cm thickness.</p> <p>Fireproofing capacity shall be F90 minutes.</p> <p>Door frame shall be metal fire protective, with steel profiled sheet and inserted fire protection thermally expandable strips and smoke proof sections for door wings fitting.</p> <p>Door wings shall be made of double steel sheet with fire protection filling and glass elements.</p> <p>Door step shall be made of steel profiled sheet for installation of fire protection doors.</p> <p>Door wings shall be supplied with minimum three hinges per height, depending on the wings weight and required protections.</p> <p>Door shall be connected to the automatic closing system and panic lock.</p> <p>All visible metal parts shall be painted with polishing synthetic paint in shade selected by investor.</p> <p>Installation of door frame in the wall shall be done at least in three positions per height and two per width of the door lintel.</p> <p>Fireproofing shall be certified in compliance with SRPS U.JI.160. All parts shall be tested to full proofing.</p> <p>Fully in compliance with the design and drawings.</p> <p>All measures shall be checked on the site.</p> <p>Price shall include material, works and transport.</p>	pcs	1.00		0.00

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No.	Technical Specification Ref. number	Description of works	Unit	Quantity	Unit price	Total Price
4.	Sec A.12.4	<p>Construction and installation of fire protection single door.</p> <p>Door shall be installed in fire protection gypsum-cardboard wall of 12,5 cm thickness.</p> <p>Fireproofing capacity shall be F90 minutes.</p> <p>Door frame shall be metal fire protective, with steel profiled sheet and inserted fire protection strips for door wings fitting.</p> <p>Door wing shall be made of double steel sheet with fire protection filling.</p> <p>Door step shall be made of steel profiled sheet for installation of fire protection doors.</p> <p>Door wing shall be supplied with minimum three hinges per height, depending on the wings weight and required protections.</p> <p>Door wing shall be shall be supplied with automatic closing system and panic lock. Possibility to open the door wing for 180 degrees shall be foreseen.</p> <p>All visible metal parts shall be painted with polishing synthetic paint in shade selected by investor.</p> <p>Installation of door frame in the wall shall be done at least in three positions per height and two per width of the door lintel.</p> <p>Fireproofing shall be certified in compliance with SRPS U.J1.160.</p> <p>Fully in compliance with the design and drawings.</p> <p>All measures shall be checked on the site.</p> <p>Price shall include material, works and transport.</p>	pcs	1.00		0.00

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No.	Technical Specification Ref. number	Description of works	Unit	Quantity	Unit price	Total Price
5.	Sec A.12.5	<p>Construction and installation of fire protection single door.</p> <p>Door shall be installed in fire protection gypsum-cardboard wall of 12,5 cm thickness.</p> <p>Fireproofing capacity shall be F90 minutes.</p> <p>Door frame shall be metal fire protective, with steel profiled sheet and inserted fire protection strips for door wings fitting.</p> <p>Door wing shall be made of double steel sheet with fire protection filling.</p> <p>Door step shall be made of steel profiled sheet for installation of fire protection doors.</p> <p>Door wing shall be supplied with minimum three hinges per height, depending on the wings weight and required protections.</p> <p>Door wing shall be supplied with automatic closing system and panic lock.</p> <p>All visible metal parts shall be painted with polishing synthetic paint in shade selected by investor.</p> <p>Installation of door frame in the wall shall be done at least in three positions per height and two per width of the door lintel.</p> <p>Fireproofing shall be certified in compliance with SRPS U.J1.160.</p> <p>Fully in compliance with the design and drawings.</p> <p>All measures shall be checked on the site.</p> <p>Price shall include material, works and transport.</p> <p>Calculated per piece.</p>	pcs	2.00		0.00

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Reconstruction and adaptation of part of the facility UKP NKTC laboratories for physical and chemical properties and toxicological expertise.

No.	Technical Specification Ref. number	Description of works	Unit	Quantity	Unit price	Total Price
6.	Sec A.12.6	<p>Construction and installation of fire protection single door on store room.</p> <p>Door shall be installed in fire protection gypsum-cardboard wall of 14 cm thickness.</p> <p>Fireproofing capacity shall be F90 minutes.</p> <p>Door frame shall be metal fire protective, with steel profiled sheet and inserted fire protection strips for door wings fitting.</p> <p>Door wing shall be made of double steel sheet with fire protection filling.</p> <p>Door step shall be made of steel profiled sheet for installation of fire protection doors.</p> <p>Door wing shall be supplied with minimum three hinges per height, depending on the wings weight and required protections.</p> <p>Door wing shall be shall be supplied with automatic closing system and panic lock.</p> <p>All visible metal parts shall be painted with polishing synthetic paint in shade selected by investor.</p> <p>Installation of door frame in the wall shall be done at least in three positions per height and two per width of the door lintel.</p> <p>Fireproofing shall be certified in compliance with SRPS U.J1.160.</p> <p>System for controlled access shall be foreseen.</p> <p>Fully in compliance with the design and drawings.</p> <p>all measures shall be checked on the site.</p> <p>Price shall include material, works and transport.</p>	pcs	1.00		0.00
7.	Sec A.12.7	<p>Construction and installation of fire protection door on RACK cabinet.</p> <p>Door shall be installed in fire protection gypsum-cardboard wall of 12,5 cm thickness.</p> <p>Fireproofing capacity shall be F60 minutes.</p> <p>Door frame shall be metal fire protective, with steel profiled sheet and inserted fire protection strips for door wings fitting.</p> <p>Door wing shall be made of double steel sheet with fire protection filling.</p> <p>Door step shall be made of steel profiled sheet for installation of fire protection door.</p> <p>Door wing shall be supplied with minimum three hinges per height, depending on the wings weight and required protections.</p> <p>Appropriate elements for wing fixing and locking shall be placed on the door.</p> <p>All visible metal parts shall be painted with polishing synthetic paint in shade selected by investor.</p> <p>Installation of door frame in the wall shall be done at least in three positions per height and two per width of the door lintel.</p> <p>Fireproofing shall be certified in compliance with SRPS U.J1.160.</p>	pcs	1.00		0.00
		<p>Fully in compliance with the design and drawings.</p> <p>All measures shall be checked on the site.</p> <p>Price shall include material, works and transport.</p>				

BILL A

Reconstruction and adaptation of part of the facility UKP NKTC laboratories for physical and chemical properties and toxicological expertise.

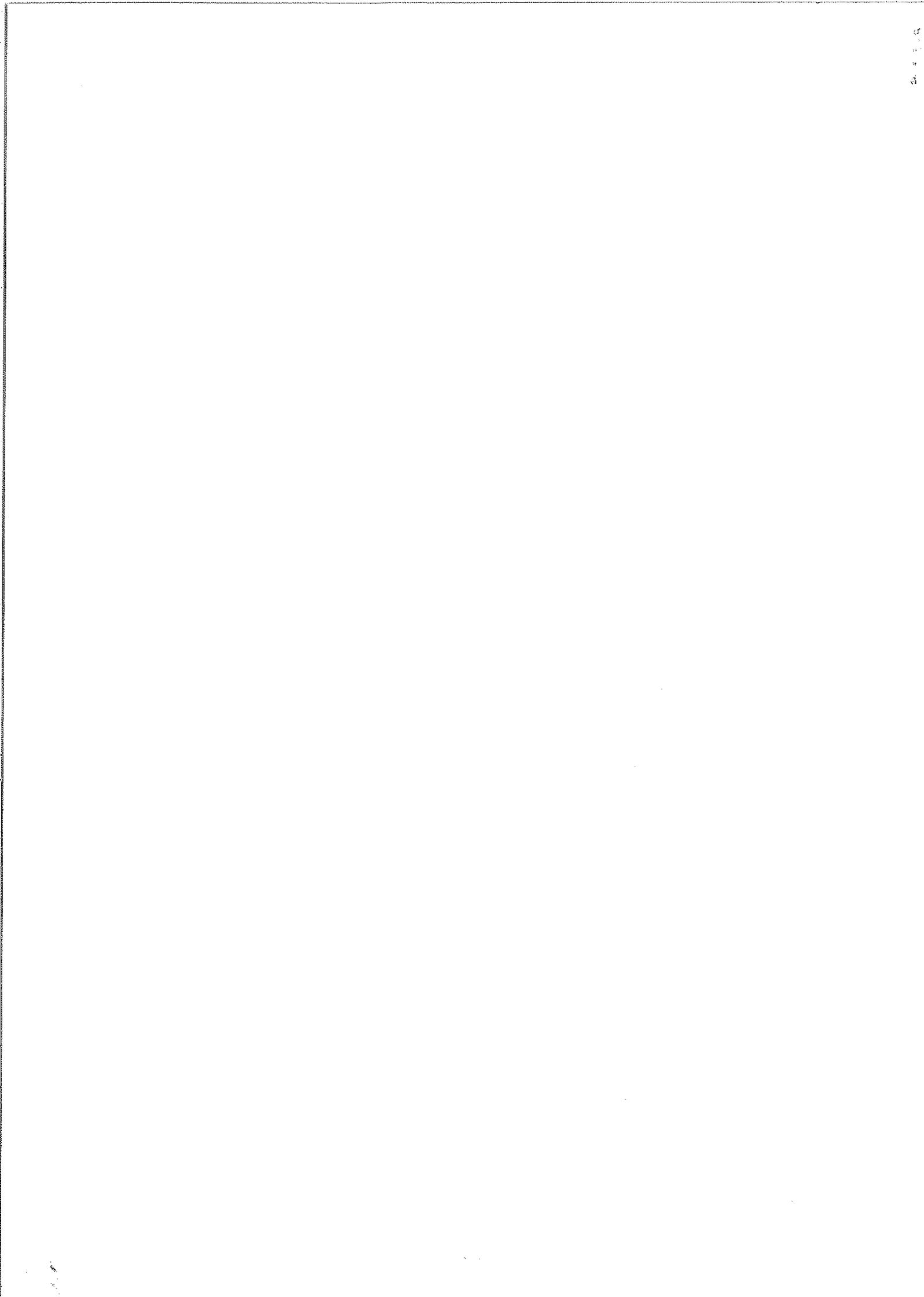
No.	Technical Specification Ref. number	Description of works	Unit	Quantity	Unit price	Total Price
8.	Sec A.12.8	<p>Construction and installation of fire protection double door on electrical cabinet.</p> <p>Door shall be installed in fire protection gypsum-cardboard wall of 12,5 cm thickness.</p> <p>Fireproofing capacity shall be F60 minutes.</p> <p>Door frame shall be metal fire protective, with steel profiled sheet and inserted fire protection strips for door wings fitting.</p> <p>Door wing shall be made of double steel sheet with fire protection filling.</p> <p>Door step shall be made of steel profiled sheet for installation of fire protection door.</p> <p>Door wing shall be supplied with minimum three hinges per height, depending on the wings weight and required protections.</p> <p>Appropriate elements for wing fixing and locking shall be placed on the door.</p> <p>All visible metal parts shall be painted with polishing synthetic paint in shade selected by investor.</p> <p>Installation of door frame in the wall shall be done at least in three positions per height and two per width of the door lintel.</p> <p>Fireproofing shall be certified in compliance with SRPS U.J1.160.</p> <p>Fully in compliance with the design and drawings.</p> <p>All measures shall be checked on the site.</p> <p>Price shall include material, works and transport.</p> <p>Calculated per piece.</p>	pcs	2.00		0.00
		<p>item 6 dimension 106/210 cm</p> <p>2=</p>	pcs	2.00		0.00
9.	Sec A.12.9	<p>Supply and installation of fireproof facade panels type <i>KINGSPAN KS 1150 FR 80</i> or appropriate on installation ducts on facade.</p> <p>Panels shall be placed on previously prepared substructure made of steel sections (which shall be included in price), fully in compliance with the design, drawings and structural analysis.</p> <p>Fireproofing capacity shall be F60 minutes.</p> <p>all measures shall be checked on the site.</p> <p>Price shall include material, works and transport.</p>	m2	169.93		0.00
TOTAL FIREPROTECTION METALWORK AND FAÇADE COVERING						0.00

A

Bill A -Construction and finishing Facility

NR	Technical Specification Ref. number	TYPE OF WORKS	Total Amount
XII	Sec A. 12	XII. FIRE PROTECTION METALWORK AND FAÇADE COVERING	
TOTAL			0.00

13



BILL A

Reconstruction and adaptation of part of the facility UKP NKTC laboratories for physical and chemical properties and toxicological expertise.

No.	Technical Specification Ref. number	Description of works	Unit	Quantity	Unit price	Total Price	
Facility							
XIII	Sec A. 13	XIII. SMOKE PROTECTION ALUMINIUM JOINERY					
1.	Sec A.13.1	<p>Construction and installation of smoke protection glazed partition with double door. Partition structure shall be made of aluminium sections without thermal bridge. Door wing, light above the door and fixed element shall be glazed with pamplex glass of 2x5 mm thickness. Glazed wing shall be framed with EPDM packing and rounded strips. Three-sided EPDM packing shall be placed in the door frame. "Falc" door three-sided.. Partition shall be installed in the steel frame in the brick wall of 12 cm thickness. Door shall be supplied with good quality furnishing hardware in compliance with SRPS, including lock with three keys and self-closing mechanism. Furnishing hardware shall be in shade selected by investor. Door shall be opened as per drawing. Appropriate framing strips and rubber buffers for limitation of door opening shall be foreseen. Finishing by anodizing shall be in colour and shade as selected by investor's selection, from manufacturer's catalogue. All elements shall be tested for full proofing. All measures shall be checked on the site. Price shall include material, works and transport. Calculated per piece.</p> <p>item 1 dimension 266/240 цм 4=</p>	pcs	4		0.00	
TOTAL SMOKE PROTECTION ALUMINIUM JOINERY						0.00	

A

Bill A -Construction and finishing

Facility

NR	Technical Specification Ref. number	TYPE OF WORKS	Total Amount
XIII	Sec A. 13	XIII. SMOKE PROTECTION ALUMINIUM JOINERY	
TOTAL			0.00

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BILL A**Reconstruction and adaptation of part of the facility UKP NKTC laboratories for physical and chemical properties and toxicological expertise.**

No.	Technical Specification Ref. number	Description of works	Unit	Quantity	Unit price	Total Price
		Facility				
XV	Sec A. 15	XV. MISCELLANEOUS				
1.	Sec A.15.1	Mounting and dismantling of metal tubular scaffold, fully in compliance with safety regulations. Scaffold shall be stabile, anchored to the facility and appropriately grounded. Working platforms made of planks shall be placed at each 2m of height. Planks shall be also placed on the platform edges. Complete surface of the scaffold shall be covered with canvas or PVC covers. Scaffold shall be accepted and permitted for use, through building logbook, by structural engineer. Calculated per m2 of vertical projection of mounted scaffold.	m2	1,456.00		0.00
2.	Sec A.15.2	Mounting and dismantling of metal tubular scaffold for performance of works in elevator well, fully in compliance with safety regulations. Scaffold shall be stable, anchored to the facility and appropriately grounded. Working platforms made of planks shall be placed. Scaffold shall be accepted and permitted for use, through building logbook, by structural engineer. Calculated per m3 of scaffold.	m3	55.13		0.00
3.	Sec A.15.3	Works on closing the existing elevator door openings. Closing shall be carried out in compliance with the existing finishing of the corridor where respective door openings are located. Price shall include material, works and transport.	m2	5.67		0.00
4.	Sec A.15.4	Supply and installation of fire extinguishers: dry chemical extinguisher, CO2 extinguisher and gaseous extinguisher type A, B and C. Price shall include material, works and transport. Calculated per piece.				
4.a		fire extinguisher S 9	pcs	7.00		0.00
4.b		fire extinguisher CO2 -5 kg	pcs	5.00		0.00

BILL A

Reconstruction and adaptation of part of the facility UKP NKTC laboratories for physical and chemical properties and toxicological expertise.

No.	Technical Specification Ref. number	Description of works	Unit	Quantity	Unit price	Total Price
5.	Sec A.15.5	Dismantling and re-installation of dropped ceilings on the higher ground floor in order to make distribution line of water and sewage installations. Dropped ceiling, made of mineral boards 60*60 cm and Dampa of 10 sheet straps, shall be carefully dismantled and stored, and on completion of water and sewage installation works, it shall be re-installed. Price shall also include replacement of potentially damaged elements , up to 10% of total quantity. Price shall include material, works and transport.	m2	250.00		0.00
6.	Sec A.15.6	Supply and placement of steel <i>inox</i> strips at joints of different floors. Strips, shaped as per investor's choice, shall be placed in compliance with the design and manufacturer's instructions. Price shall include material, works and transport.	m1	3.07		0.00
7.	Sec A.15.7	Supply and insertion of rubber proofing in the existing metal door. Rubber shall be inserted in order to achieve fool proofing od staircase premises foreseen for over pressure zone. Price shall include material, works and transport.	m1	24.80		0.00
8.	Sec A.15.8	Supply and installation of automatic devices with self-closing mechanism on the existing metal door. Automatic device shall be placed on the exit door of the roof balcony. Price shall include material, works and transport. roof	pcs	1		0.00
9	Sec A.15.9	Final cleaning of the facility. Cleaning shall include all floor surfaces, windows and doors, ceramic surfaces of the walls, furniture, glass partitions, etc. It is prohibited to use for cleaning any agent that could damage surfaces. Cleaning shall be paid once, regardless of how many times it has been done. Price shall include material, works and transport.	m2	1200		0.00
TOTAL MISCELLANEOUS						0.00
SUMMARY						

A

Bill A -Construction and finishing Facility

NR	Technical Specification Ref. number	TYPE OF WORKS	Total Amount
XV	Sec A. 15	XV. MISCELLANEOUS	
TOTAL			0.00

3

3

SUMMARY OF WORKS BILL A

Nr	Technical Specification Ref. number	TYPE OF WORKS	AMOUNT
A.	Sec A	CONSTRUCTION AND FINISHING WORKS	
A1	Sec A. 1	I.DEMOLITION AND DISMANTLING	0.00
A2	Sec A. 2	II.CONCRETE WORKS	0.00
A3	Sec A. 3	III. REINFORCEMENT	0.00
A4	Sec A. 4	IV. MASONRY WORKS-BRICKLAYING	0.00
A5	Sec A. 5	V. WATERPROOFING AND THERMAL INSULATION-INSULATION	0.00
A6	Sec A. 6	VI. FLOOR WORKS-TILING	0.00
A7	Sec A. 7	VII. FLOOR WORKS-FLOOR UNDERLAYERS	0.00
A8	Sec A. 8	VIII. PAINTING AND DECORATING	0.00
A9	Sec A. 9	IX. DRYWALL WORKS	0.00
A10	Sec A. 10	X. DOORS & WINDOWS-ALUMINIUM JOINERY	0.00
A11	Sec A. 11	XI. WINDOWS-JOINERY	0.00
A12	Sec A. 12	XII. FIRE PROTECTION METALWORK AND FAÇADE COVERING	0.00
A13	Sec A. 13	XIII. SMOKE PROTECTION ALUMINIUM JOINERY	0.00
A14	Sec A. 14	XIV.METALWORKS	0.00
A15	Sec A. 15	XV. MISCELLANEOUS	0.00
A16	Sec A.16.	XVI ENTRY ZONE	0.00
		TOTAL Bill A (Transfer to Summary of Bills)	0.00

BILL B**Reconstruction and adaptation of part of the facility UKP NKTC laboratories for physical and chemical properties and toxicological expertise.**

No.	Technical Specification Ref. number	Description of works	Unit	Quantity	Unit price	Total Price
		Facility				
1	Sec B.1	I - SEWERAGE				
1	Sec B.1.1	1) Plastic PP sewage pipes				
		Provide procurement, transportation and installation of PP sewage pipes and fittings for the internal mounting. Provide appropriate fittings and inspection elements within all areas determined by the project. Pipe-jointing is to be completed according to the instructions provided by the pipe manufacturer. After mounting the installation all the (connecting) openings are bound to be closed (sealed) with appropriate covers until mounting the sanitary fixtures and laboratory devices. Prior to walling up, the entire sewerage network is to be tested for water retentivity in the presence of the site supervisor. Pipes within horizontal distribution are to be fixed with rubber surrounded steel saddles at each 1 m and at each 2 m within vertical distribution. The cost includes complete works and materials, including connections to the existing verticals and LG to PP saddle fittings and pipeline fixing hangers for the building structure.				
		The account is to be made and paid for per linear meter of the completed network as measured per pipe and fitting axes.				
		ø 110	m'	12.00		
		ø 75	m'	105.00		
		ø 50	m'	41.00		
2	Sec B.1.2	2) Floor drains				
		Provide procurement, transportation and installation of grated floor drains. The floor drains are made of polypropylene with stainless steel grating. The drains are dry and have odour-free cover.				
		The account is to be made and paid for per piece of mounted drain.				
		ø 75 with vertical sewer	pcs	14.00		
3	Sec B.1.3	3) Internal mounting ventilating jack				
		Provide procurement, transportation and installation of plastic ventilation heads for internal mounting. Ventilation heads are to be mounted on suspended ceiling.				
		The account is to be made and paid for per piece of mounted ventilation head.				
		ø 110	pcs	6.00		

BILL B

Reconstruction and adaptation of part of the facility UKP NKTC laboratories for physical and chemical properties and toxicological expertise.

No.	Technical Specification Ref. number	Description of works	Unit	Quantity	Unit price	Total Price
		Facility				
4	Sec B.1.4	4) Sewage system network testing				
		Test the entire installation for water retentivity after completion of sewerage network. Testing is to be conducted in accordance with the applied technical regulations, general technical conditions and instructions provided by the site supervisor. Testing is bound to be conducted in the presence of the site supervisor and the record book is to be made afterwards.				
		The account is to be made and paid for per m' of the installation.	m'	158.00		
		TOTAL – I – SEWERAGE:				

B

**Bill B -Water supply and Sewage installations
Facility**

NR	Technical Specification Ref. number	TYPE OF WORKS	Total Amount
1	Sec B.1	I - SEWERAGE	
TOTAL			

BILL B**Reconstruction and adaptation of part of the facility UKP NKTC laboratories for physical and chemical properties and toxicological expertise.**

No.	Technical Specification Ref. number	Description of works	Unit	Quantity	Unit price	Total Price
		Facility				
II	Sec B.2	II - WATER SUPPLY				
		1) Water supply PPR pipes				
		Procurement, transportation and installation of hot water polypropylene pipes (PPR) and 10 bar operating pressure Aquatherm fittings or those of the same characteristics made by another manufacturer. Pipes are to be welded together with threads and flanges according to the manufacturer's instructions. The pipes are used for making of the sanitary water supply internal installations. The cost includes complete works and materials, including saddles and pipeline fixing hangers for the building structure.				
1	Sec B.2.1	ø 65 (75 x 6,8) mm	m'			
2		ø 50 (63 x 5,8) mm	m'			
3		ø 40 (50 x 4,6) mm	m'			
4		ø 32 (40 x 3,7) mm	m'	12.00		
5		ø 25 (32 x 2,9) mm	m'	59.00		
6		ø 20 (25 x 2,3) mm	m'	74.00		
7		ø 15 (20 x 2,3) mm	m'	229.00		
		2) Galvanized steel water supply pipes				
		Provide procurement, transportation and installation of galvanized steel water supply pipes with all the necessary fittings. The pipes are bound to be in compliance with JUS C B5, 225 whereas the fittings are bound to comply with JUS M, B6 500-595. Wall pipes are to be fastened with double saddles at each 1.5-2.0 m. Underground and structural pipes are bound to be single coated with Bitulit then bitumen and underlining felt. Wall distribution is bound to be isolated with Dekorodal tape or felt in order to avoid contact with mortar. Prior to closing the grooves and plastering the entire water supply installation is bound to be tested in the presence of the site supervisor. The cost includes complete works and materials, including saddles and pipeline fixing hangers for the building structure.				
8	Sec B.2.2	ø 65	m'	13.00		
9		ø 50	m'	2.00		

BILL B**Reconstruction and adaptation of part of the facility UKP NKTC laboratories for physical and chemical properties and toxicological expertise.**

No.	Technical Specification Ref. number	Description of works	Unit	Quantity	Unit price	Total Price
		Facility				
		3) Thermal insulation				
		Procurement, transportation and installation of the pipeline thermal insulation material (Armaflex or similar) for the insulation of horizontal pipe distribution within the building mounted outside wall surfaces (below ground floor ceiling and on risers). Material heat transmission coefficient is 0.040 w/m°K, thermal insulation thickness for all pipe diameters is d= 13 mm. Thermal insulation material is bound to be incombustible and self-extinguishing.				
		The account is to be made and paid for per m' of the installed thermal insulation.				
		for pipe diameters:				
10	Sec B.2.3	ø 65	m'			
11		ø 50	m'			
12		ø 40	m'			
13		ø 32	m'	12.00		
14		ø 25	m'	59.00		
15		ø 20	m'	74.00		
16		ø 15	m'	104.00		
		4) Flat globe valves with drains				
		Procurement, transportation and installation of water supply flat globe valves for 10 bar operating pressure.				
17	Sec B.2.4	ø 65	pcs	3		
18		ø 65 with drain	pcs	1		
19						
20		ø 32 with drain	pcs	2.00		
21		ø 32	pcs	2.00		
22		ø 25 with drain	pcs	1.00		
23		ø 25	pcs	2.00		
24		ø 20	pcs	9.00		
25	ø 15	pcs	9.00			
		5) Wall mounting globe valve with nickelic cap - PPR				
		Provide procurement, transportation and installation of wall mounting globe valves as specified in the project. The valves are made of PPR with a nickelic cap and rosette.				
26	Sec B.2.5	ø 20 (D 25 mm)	pcs			
27		ø 15 (D 20 mm)	pcs	62.00		

BILL B**Reconstruction and adaptation of part of the facility UKP NKTC laboratories for physical and chemical properties and toxicological expertise.**

No.	Technical Specification Ref. number	Description of works	Unit	Quantity	Unit price	Total Price
		Facility				
		6) EK angle valve with cap				
		Provide procurement, transportation and installation of EK angle valves with caps. The valve is bound to be in compliance with JUS.M.C5.281.				
28	Sec B.2.6	ø 15 pcs.	pcs	38.00		
		7) Non-return valve				
		Procurement, transportation and installation of non-return valve mounted on bypass line surrounding the facility for raising the pressure on hydrant and sanitary networks.				
29	Sec B.2.7	ø 65		1.00		
30		Φ32				
		8) Facility for raising the pressure in hydrant network				
31	Sec B.2.8	Procurement, transportation, installation and test operation of the facility for raising the pressure in hydrant network. The facility is provided with two pumps and frequency regulator of the following characteristics Q=5.0 l/s, N=40.0 m. The facility is also provided with distribution cabinet, control panel and all the elements necessary for unobstructed operation.	pcs	1.00		
		9) Network testing				
32	Sec B.2.9	Conduct the installed water supply network testing for the test pressure in accordance with the technical regulations and instructions provided by the site supervisor. Testing is to be conducted in the presence of the site supervisor and the record book is to be made afterwards. The amount of water necessary for testing is to be provided by the contractor.	m'	389.00		
		10) Water quality testing				
33	Sec B.2.10	After disinfection is completed take water samples and test the quality at the institution authorized for providing test certificates on water potability.	lump sum			
		TOTAL – II – WATER SUPPLY:				

BILL B

Reconstruction and adaptation of part of the facility UKP NKTC laboratories for physical and chemical properties and toxicological expertise.

No.	Technical Specification Ref. number	Description of works	Unit	Quantity	Unit price	Total Price
		Facility				

B

**Bill B -Water supply and Sewage installations
Facility**

NR	Technical Specification Ref. number	TYPE OF WORKS	Total Amount			
II	Sec B.2	II - WATER SUPPLY				
			TOTAL			

3

BILL B**Reconstruction and adaptation of part of the facility UKP NKTC laboratories for physical and chemical properties and toxicological expertise.**

No.	Technical Specification Ref. number	Description of works	Unit	Quantity	Unit price	Total Price
		Facility				
III	Sec B.3	III – SANITARY FIXTURES AND ACCESSORIES				
		GENERAL DESCRIPTION				
		1) Toilet bowl				
1	Sec B.3.1	Procurement, transportation and installation of one-piece sanitary ware toilet bowl. The cost includes toilet bowl with tank, the appropriate wooden toilet seat as well as all the necessary connecting materials for water supply and sewerage installations.	pcs	2.00		
		2) Wash basin				
		Procurement, transportation and installation of the entire sanitary ware wash basin. The wash basin bowl is bound to be supplied with drain opening, overflow and closing plug for drain opening. Chromed siphon trap with a rosette is to be installed under the bowl as well as the appropriate sewerage connecting steel pipe. The connection is to be covered with a nickelic rosette. Hanging and fixing is to be done with shackles or screws with previous installation of plastic plugs.				
2	Sec B.3.2	a) wash basin, dim. 540/440 mm	pcs	8.00		
3		a) marble plated built-in wash basin	pcs	5.00		
		3) Urinal				
4	Sec B.3.3	Procurement, transportation and installation of the entire sanitary ware urinal. The urinal bowl is bound to be supplied with drain opening and overflow. Siphon trap is to be installed within the bowl as well as the appropriate sewerage connecting pipe. Hanging and fixing is to be done with shackles or screws with previous installation of plastic plugs. The cost is to include all the valves necessary for the urinal.	pcs	1.00		
		4) Slop sink				
5	Sec B.3.4	Procurement, transportation and installation of the entire sanitary ware slop sink. The bowl is bound to be supplied with drain opening, overflow and closing plug for drain opening. Chromed siphon trap with a rosette is to be installed under the bowl as well as the appropriate sewerage connecting steel pipe. The connection is to be covered with a nickelic rosette. Hanging and fixing is to be done with shackles or screws with previous installation of plastic plugs. The cost is to include a faucet and all the parts necessary for the installation of slop sink.	pcs	1.00		

BILL B**Reconstruction and adaptation of part of the facility UKP NKTC laboratories for physical and chemical properties and toxicological expertise.**

No.	Technical Specification Ref. number	Description of works	Unit	Quantity	Unit price	Total Price
		Facility				
		5) Ceramic shower tray, 80/80 cm				
6	Sec B.3.5	Procurement, transportation and installation of the entire sanitary ware shower tray with tempered glass enclosure. Drain valve is to be installed next to the tray as well as the ø 40 mm plastic tube for connecting the drain and overflow knee with the floor grating.	pcs	1.00		
		6) Sink				
		Procurement, transportation and installation of stainless steel sink built in a cabinet. Siphon trap with a rosette is to be installed with the sink as well as the appropriate sewerage connecting pipe.				
7	Sec B.3.6	one-piece	pcs	2.00		
8		two-piece	pcs	1.00		
		7) Dismantling the wash basin and toilet bowl, sink				
9	Sec B.3.7	Dismantling the wash basin, toilet bowl, sink and slop sink and disposal at a location determined by the site supervisor.	pcs	7.00		
		8) Hot and cold water battery for wash basin				
10	Sec B.3.8	Procurement, transportation and installation of a standing nickelic single lever battery for wash basin hot and cold water (made by Minotti, standard type – STH or similar).	pcs	13.00		
		9) Shower bathtub battery				
11	Sec B.3.9	Procurement, transportation and installation of wall mounted single lever battery for the shower bathtub with a bar for shower fixing and a hand shower (made by Minotti, standard type – 6881 or similar).	pcs	1.00		
		10) Sink battery				
12	Sec B.3.10	Procurement, transportation and installation of a standing single lever battery for the sink with 'swan neck' spout nozzle and 3 pipes (made by Minotti, standard type – 8888 or similar).	pcs	3.00		
		11) Nickelic hose cock				
13	Sec B.3.11	Procurement, transportation and installation of the ø15 mm nickelic hose cock for washing machine and dishwasher connections (JUS.M.C5.251.).	pcs	2.00		

BILL B

Reconstruction and adaptation of part of the facility UKP NKTC laboratories for physical and chemical properties and toxicological expertise.

No.	Technical Specificat ion Ref. number	Description of works	Unit	Quantity	Unit price	Total Price
		Facility				
		12) Mirror				
14	Sec B.3.12	Procurement, transportation and installation of 50/35 cm mirror in a frame above the wash basin.	pcs	8.00		
		13) Toilet paper holder				
15	Sec B.3.13	Procurement, transportation and installation of nickelic toilet paper holder. The holder is to be installed next to the toilet bowl.	pcs	2.00		
		TOTAL – III – SANITARY FIXTURES AND ACCESSORIES:				

B Bill B -Water supply and Sewage installations Facility

NR	Technical Specificati on Ref. number	TYPE OF WORKS	Total Amount
III	Sec B.3	III – SANITARY FIXTURES AND ACCESSORIES	
		TOTAL	

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SUMMARY OF WORKS Bill B

Nr	Technical Specification Ref. number	TYPE OF WORKS	AMOUNT
B.	Sec B	WATER SUPPLY AND SEWAGE INSTALLATIONS	
B1	Sec B.1	I - SEWERAGE	0.00
B2	Sec B.2	II - WATER SUPPLY	0.00
B3	Sec B.3	III – SANITARY FIXTURES AND ACCESSORIES	0.00
		TOTAL (Transfer to Summary of Bills)	0.00

