

## LIST OF TENDER DOCUMENTS HVAC, ELECTRICAL AND PLUMBING WORKS

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### VOLUME 0

*Instruction to Bidders + Annex*

### VOLUME I

*Contract Agreement + Annex*

### VOLUME II

*Part I – General Conditions of contract*

*Part II – Particular Conditions of Contract*

### VOLUME III

*Part I – Specifications*

Nr	Name	Size	Scale	Author
-	Pack 00 – Preliminaries	A4	-	BETEB
-	Pack 01 – Demolition – External works - Landscaping	A4	-	BETEB
-	Pack 02			
-	- CS-001 Concrete structure calculation	A4	-	BECT
-	- Project general requirements	A4	-	BECT
-	- SS-001 Steel structure calculation	A4	-	BECT
-	- TS-001 Technical specs	A4	-	BECT
-	Pack 03 – Masonry – Facade cladding	A4	-	BETEB
-	Pack 04 – Waterproofing	A4	-	BETEB
-	Pack 05 – Roofing	A4	-	BETEB
-	Pack 06 – Exterior joinery Locksmithing	A4	-	BETEB

-	Pack 07 – Interior joinery	A4	-	BETEB
-	Pack 08 – Flooring & wall cladding	A4	-	BETEB
-	Pack 09 – Ceiling & plastering	A4	-	BETEB
-	Pack 10 – Paint – Coating – Signage	A4	-	BETEB
-	Pack 11 – Plumbing - Sanitary	A4	-	BETEB
-	Pack 12 – Air conditioning - Ventilation	A4	-	BETEB
-	Pack 13 - Electricity	A4	-	BETEB
-	Pack 14 - Elevator	A4	-	BETEB
-	Pack 15 - Modular building	A4	-	BETEB

## Part II – Drawings

### A. Architectural drawings

Nr	Name	Size	Scale	Author
<b>DEMOLITIONS PLANS</b>				
DEM01	Demolition plan – Level 0	A3	1/500	SG
DEM02	Demolition plan – Level 1	A3	1/500	SG
DEM03	Demolition section building A (01)	A3	1/50	SG
DEM04	Demolition section building A (02)	A3	1/50	SG
DEM05	Demolition – Intervention principle diagram	A3	1/50	SG
<b>PROJECT – General plans</b>				
PR01	General Plan – Roof level	A1	1/200	SG
PR02	General Plan – Level 0	A1	1/200	SG
PR03	General Plan – Level 1	A1	1/200	SG
PR04	Ceiling Plan – Level 0	A1	1/200	SG
PR05	Ceiling Plan – Level 1	A1	1/200	SG
PR06	Landscaping plan	A0	1/150	SG
FC01	Boundary wall elevations	A1	1/200	SG
<b>PROJECT – Detailed plans</b>				
<i><b>Building A – Elementary school and Kindergarten</b></i>				
A 01a-d	Building A – Plans Level 0	A1	1/50	SG
A 02a-d	Building A – Plans Level 1	~	~	~
A 03 a-m	Building A – Sections	A3	1/50	~
A 04 a-b	Building A – Elevations	A0	1/100	~
<i><b>Building B – Administration, Infirmary, restaurant and maintenance area</b></i>				
B 01	Building B – Plan Level 0 and plan Level 1	A0	1/50	SG
B 02 a-b	Building B – Sections	A3	1/50	~
B 03	Building B – Elevations	A0	1/100	~
<i><b>Building C – Administration, Infirmary, restaurant and maintenance area</b></i>				
C 01	Building C – Plan Level 0 and plan Level 1	A0	1/50	SG
C 02 a-d	Building C – Sections	A3	1/50	~
C 03	Building C – Elevations	A0	1/100	~
<i><b>Building D – Entrance area on Kanal Street side</b></i>				

D 01	Building D – Plan Level 0 – Section and Elevations	A0	1/50	SG
<b>TRACKING PLANS</b>				
	TRACKING DRAWINGS			
R 01a	Rehabilitated / New buildings – Plan level 0	A3	1/500	SG
R 01b	Rehabilitated / New buildings – Plan level 1	A3	1/500	SG
R 02a	Exterior floor finishes – Plan level 0	A3	1/500	SG
R 02b	Exterior floor finishes – Plan level 1	A3	1/500	SG
R 03	Exterior curbstones – Plan level 0	A3	1/500	SG
R 04	Road works – Plan level 0	A3	1/500	SG
R 05	Exterior closing walls – Plan level 0	A3	1/500	SG
R 06a	Exterior wall systems – Plan level 0	A3	1/500	SG
R 06b	Exterior wall systems – Plan level 1	A3	1/500	SG
R 07a	Exterior wall coverings – Plan level 0	A3	1/500	SG
R 07b	Exterior wall coverings – Plan level 1	A3	1/500	SG
R 08a	Exterior joineries – Plan level 0	A3	1/500	SG
R 08b	Exterior joineries – Plan level 1	A3	1/500	SG
R 09a	Metal works – Plan level 0	A3	1/500	SG
R 09b	Metal works – Plan level 1	A3	1/500	SG
R 10a	Signage / Floor painting – Plan level 0	A3	1/500	SG
R 10b	Signage / Floor painting – Plan level 1	A3	1/500	SG
R 11a	Watertight systems – Plan level 1	A3	1/500	SG
R 11b	Watertight systems – Roof plan	A3	1/500	SG
R 12	Other watertight systems – Roof plan	A3	1/500	SG
R 13a	Sun protections – Plan level 0	A3	1/500	SG
R 13b	Sun protections – Plan level 1	A3	1/500	SG
R 14a	Interior wall systems – Plan level 0	A3	1/500	SG
R 14b	Interior wall systems – Plan level 1	A3	1/500	SG
R 15a	Interior wall coverings – Plan level 0	A3	1/500	SG
R 15b	Interior wall coverings – Plan level 1	A3	1/500	SG
R 16a	Interior joineries – Plan level 0	A3	1/500	SG
R 16b	Interior joineries – Plan level 1	A3	1/500	SG
R 17a	Interior floor finishes – Plan level 0	A3	1/500	SG
R 17b	Interior floor finishes – Plan level 1	A3	1/500	SG
R 18a	Ceiling – Plan level 0	A3	1/500	SG
R 18b	Ceiling – Plan level 1	A3	1/500	SG
R 19a	Interior specific works – Plan level 0	A3	1/500	SG
R 19b	Interior specific works – Plan level 1	A3	1/500	SG

<b>TPOLOGY</b>				
T 01	Concrete curbstones	A3	1/10	SG
T 02	Concrete benches	A3	1/20	SG
T 03a	Exterior wall systems	A3	1/10	SG
T 03b	Exterior wall systems	A3	1/10	SG
T 04	Interior wall systems	A3	1/10	SG
T 05	Roofing systems	A3	1/10	SG
T06	Doors table			SG

T 07a	External joinery	A3	1/50	SG
T 07b	External joinery	A3	1/50	SG
T 07c	External joinery	A3	1/50	SG
T 07d	External joinery	A3	1/50	SG
T 08	Internal joinery	A3	1/50	SG
T 09a	Metal works	A3	1/50	SG
T 09b	Metal works	A3	1/50	SG
T 09c	Metal works	A3	1/50	SG
T 10a	Sun protections	A3	1/50	SG
T 10b	Sun protections	A3	1/50	SG
T 10c	Sun protections	A3	1/50	SG
T 11a	Signage	A3		SG
T 11b	Signage	A3		SG
T 11c	Signage	A3		SG
T 11d	Signage	A3		SG
T 11e	Signage	A3		SG
T 12	Interior specific works	A3	1/50	SG
<b>DETAILS</b>				
D 01a	Exterior joineries – Type EV1x	A3	1/20	SG
D 01b	Exterior joineries – Type EV1x (particular case)	A3	1/20	SG
D 01c	Exterior joineries – Type CEV1	A3	1/20	SG
D 01d	Exterior joineries – Type CEV3	A3	1/20	SG
D 01e	Exterior joineries – Type EV2b	A3	1/20	SG
D 01f	Exterior joineries – Type EV2a / EV2c	A3	1/20	SG
D 01g	Exterior joineries – Type E1x (Level 0)	A3	1/20	SG
D 01h	Exterior joineries – Type E1x (Level 1)	A3	1/20	SG
D 01i	Exterior joineries – Type E2x	A3	1/20	SG
D 01j	Exterior joineries – Type CFV3 (Pass-through)	A3	1/20	SG
D 02a	Metal works – Guardrail	A3	1/10	SG
D 02b	Metal works – Metal gate	A3	1/20	SG
D 03a	Watertight systems – Overflow pipe	A3	1/10	SG
D 03b	Watertight systems – Joint cover	A3	1/10	SG
D 03c	Watertight systems – Rainwater and electrical pipe	A3	1/10	SG
D 03d	Watertight systems – Planted pot	A3	1/10	SG
D 04a	Sun protections – type A	A3	1/20	SG
D 04b	Sun protections – type B	A3	1/10	SG
D 04c	Sun protections – type C1	A3	1/20	SG
D 04d	Sun protections – type C2	A3	1/20	SG
D 04e	Sun protections – type D2	A3	1/20	SG
D 05	Ceiling – Suspended acoustic ceiling	A3	1/10	SG
D 06 a	Kitchen – AF007 ASEM	A3	1/20	SG
D 06 b	Kitchen – AF005 Teachers room 1	A3	1/20	SG
D 06 c	Kitchen – AF005 Teachers room 2	A3	1/20	SG
D 06 d	Kitchen – AF005 Teachers room 3	A3	1/20	SG
D 06 e	Kitchen – B008 Restroom	A3	1/20	SG
D 06 f	Kitchen – B108 Restroom	A3	1/20	SG

D 07	Acoustic panels (building C – Multipurpose room)	A3	1/10	SG
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<b>PHASING PLANS</b>				
PHA 00-03	Phasing plan – T0 / Phase 1 / Phase 2 / Phase 2bis	A3	1/500	SG
PHA-PA	Layout of provisional arrangement	A3	1/100	SG
PHA-MB01/05	Layout of modular building	A3	1/100	SG

## B. Technical drawings

<b>STEEL STRUCTURE DRAWINGS</b>				
SS-002	Steel Structure (Layout)	A1	-	BECT
SS-003	Foundations (Part A3)	A1	-	BECT
SS-004	First Floor (Part A3)	A1	-	BECT
SS-005	Roof Plan (Part A3)	A1	-	BECT
SS-006	Sections (Part A3)	A1	-	BECT
SS-007	Connection Details (Part A3)	A1	-	BECT
SS-008	Beams & Connection Details (Part B2)	A1	-	BECT
<b>CONCRETE STRUCTURE DRAWINGS</b>				
CS-002	Columns & Axes (Layout)	A1	-	BECT
CS-003	Columns & Axes (Part A1 & A2)	A1	-	BECT
CS-004	Columns & Axes (Part B1)	A1	-	BECT
CS-005	Columns & Axes (Part C)	A1	-	BECT
CS-006	Columns & Axes (Part D)	A1	-	BECT
CS-007	Foundations Details (Layout)	A1	-	BECT
CS-008	Foundations Details (Part A1 & A2)	A1	-	BECT
CS-009	Foundations Details (Part B1)	A1	-	BECT
CS-010	Foundations Details (Part C)	A1	-	BECT
CS-011	Foundations Details (Part D)	A1	-	BECT
CS-012	Ground Floor Slab (Layout)	A1	-	BECT
CS-013	Ground Floor Slab (Part A1 & A2)	A1	-	BECT
CS-014	Ground Floor Slab (Part B1)	A1	-	BECT
CS-015	Ground Floor Slab (Part C)	A1	-	BECT
CS-016	Ground Floor Slab (Part D)	A1	-	BECT
CS-017	First Floor Slab (Layout)	A1	-	BECT
CS-018	First Floor Slab (Part A1 & A2)	A1	-	BECT
CS-019	First Floor Slab (Part B1)	A1	-	BECT
CS-020	First Floor Slab (Part C)	A1	-	BECT
CS-021	Slab on Grade (Layout)	A1	-	BECT
CS-022	Slab on Grade (Part A1 & A2)	A1	-	BECT
CS-023	Slab on Grade (Part B1)	A1	-	BECT
CS-024	Slab on Grade (Part C)	A1	-	BECT
CS-025	Slab on Grade (Part D)	A1	-	BECT
CS-026	Fence details (Part D)	A1	-	BECT
CS-027	Pump room and tank structural details (Part D)	A1	-	BECT

<b>MEP DRAWINGS</b>				
	<b>EXTERNAL WORKS</b>			
EW00	External Works	A0	1/200	BETEB
	<b>AIR CONDITIONING - VENTILATION</b>			
ACV01	Building A – Ground Floor	A0	1/100	BETEB
ACV02	Building B-C-D – Ground Floor	A0	1/100	BETEB
ACV11	Building A – First Floor	A0	1/100	BETEB
ACV12	Building B-C-D – First Floor	A0	1/100	BETEB
ACV21	Building A – Rooftop	A0	1/100	BETEB
ACV22	Building B-C-D – Rooftop	A0	1/100	BETEB
	<b>PLUMBING - SANITARY</b>			
PS01	Building A – Ground Floor	A0	1/100	BETEB
PS02	Building B-C-D – Ground Floor	A0	1/100	BETEB
PS11	Building A – First Floor	A0	1/100	BETEB
PS12	Building B-C-D – First Floor	A0	1/100	BETEB
PS21	Building B – Rooftop	A1	1/100	BETEB
	<b>ELECTRICITY</b>			
EL01	Building A – Ground Floor	A0	1/100	BETEB
EL02	Building B-C-D – Ground Floor	A0	1/100	BETEB
EL11	Building A – First Floor	A0	1/100	BETEB
EL12	Building B-C-D – First Floor	A0	1/100	BETEB
EL21	Building A – Rooftop	A0	1/100	BETEB
EL22	Building B-C-D – Rooftop	A0	1/100	BETEB
	<b>TECHNICAL EQUIPMENTS FOR TEMPORARY BUILDINGS</b>			
MB01	Provisional arrangements – Air conditioning plans	A3	1/100	BETEB
MB02	Modular buildings – Air conditioning plans	A3	1/100	BETEB
MB11	Provisional arrangements – Plumbing plans	A3	1/100	BETEB
MB12	Modular buildings – Plumbing plans	A3	1/100	BETEB
MB21	Provisional arrangements – Electricity plans	A3	1/100	BETEB
MB22	Modular buildings – Electricity plans	A3	1/100	BETEB

### *Part III – Bills of Quantities*

Nr	Name	Size	Scale	Author
	Pack 00 - Preliminaries	A4		BETEB
	Pack 01 - Démolition – External works - Landscaping	A4		BETEB
	Pack 02 :	A4		BETEB
	- Concrete building (part A)	A4		BECT
	- Concrete building (part B1)	A4		BECT

	- Concrete building (part C)	A4		BECT
	- Concrete building (part D)	A4		BECT
	- Steel building (part A3)	A4		BECT
	- Steel building (part B2)	A4		BECT
	Pack 03 – Masonry – Facade cladding	A4		BETEB
	Pack 04 - Waterproofing	A4		BETEB
	Pack 05 – Roofing	A4		BETEB
	Pack 06 – Exterior joinery Locksmithing	A4		BETEB
	Pack 07 - Interior joinery	A4		BETEB
	Pack 08 – Flooring & wall cladding	A4		BETEB
	Pack 09 – Ceiling & plastering	A4		BETEB
	Pack 10 – Paint – Coating - Signage	A4		BETEB
	Pack 11 – Plumbing - Sanitary	A4		BETEB
	Pack 12 – Air conditioning - Ventilation	A4		BETEB
	Pack 13 - Electricity	A4		BETEB
	Pack 14 - Elevator	A4		BETEB
	Pack 15 - Modular building	A4		BETEB

#### ***Part IV – Schedule***

<b>Nr</b>	<b>Name</b>	<b>Size</b>	<b>Scale</b>	<b>Author</b>
	Construction works – Planning / Phasing	A3	-	SG

#### ***Part V – Appendix***

<b>Nr</b>	<b>Name</b>	<b>Size</b>	<b>Scale</b>	<b>Author</b>
App-1	Topographic survey – <i>Comp_topographic survey-R01</i>	-	-	-
App-2 a	Geotechnical soil investigation – June 2016	-	-	-
App-2 b	Geotechnical soil investigation – Dec 2019	-	-	-
App-3	Structural inspection report	-	-	-