



Annex B: Scope of Works

**Name of Project: CONVERSION OF TECHNOLOGY BUILDING TO GUIDANCE CENTER  
 AND SCHOLARSHIP OFFICE**

ITEM No.	ITEMS OF WORK	QTY	UNIT	SCOPE OF WORKS
800 (1)	<b>CLEARING GRUBBING AND LAYOUT</b>	11.41	sq.m	-covers the clearing of the project site before and after the project removal of construction debris, cleaning of project site -specs are as follows Minor Tools(10%) <b>-refer to plans for details</b>
801	<b>REMOVAL OF STRUCTURES AND OBSTRUCTION</b>	1.00	lumpsum	-covers the removal of existing structures and necessary obstructions: chiseling of concrete slab for the Comfort Room delapidated ceilings any existing obstructions -specs are as follows Minor Tools(10%) Power Tools Jack Hammer
803 (1)a	<b>STRUCTURE EXCAVATION</b>	0.53	cu. m.	-covers the excavation for the comfort room slab -specs are as follows Minor Tools (10% Labor) <b>-refer to plans for details</b>
804 (4)	<b>GRAVEL FILL</b>	0.53	cu. m.	-covers the gravel bedding for the comfort room slab -specs are as follows Minor Tools (10% Labor) plate compactor 5hp Granular backfill <b>-refer to plans for details</b>
900(1)a1	<b>STRUCTURAL CONCRETE</b>	0.53	cu. m.	-all concrete shall be class A = $f_c' \geq 21$ Mpa -covers item as specified in the plans -covers the slab on fill for the comfort room -specs are as follows: Minor Tools (10% Labor) 1-bagger concrete mixer mixing box Portable concrete Vibrator Portland cement Washed sand Crushed Gravel (1") -Portland Cement(specification of this material should pass the standard specification of ASTM C595 and PNS 063 -3 concrete samples should be provided every concrete pouring works -concrete samples shall be tested for its compressive strength -Concrete pouring schedule shall be notified 3 days before the pouring -Concrete pouring shall not proceed unless pre pouring inspection have been conducted by the Infrastructure Unit and a signed pouring permit is provided <b>-refer to plans for details</b>



902(1)a1	<b>REINFORCING STEEL BARS</b>	15.62	kgs.	<p>-A.S.T.M. A615 GRADE40 for deformed bars (fy=275MPa)          -specs are as follows:          -Reinforcing bars should be validated and checked before fabrication and installation.          -Fabrication and installation shall not proceed without proper inspection of the reinforcing bars.          -RSB testing shall be done every 10,000kg of different diameters accordingly          -RSB from different suppliers shall also be tested and validated upon delivery              Disk grinder/ cutter              Bar Bender              Minor Tools (10% Labor)              GRADE40 RSB 10mm deformed bars              no. 16 GI Tie wire  <b>-refer to plans for details</b></p>
1001 (8)	<b>SEWER LINE WORKS</b>	1.00	lumpsum	<p>-item covers the sewer line works as specified in the plan          -specs are as follows:              minor tools              Power Tools              Pvc pipe 100mm dia, S-1000 x 3m              Pvc 90deg. elbow 100mmD              Pvc pipe 50mm dia, S-1000 x 3m              Pvc 50mmØ Wye              Pvc 90deg. elbow 50mmD              Pvc 50mmØ P-Trap              Clean-out with plug and seal ring 100mmD              Solvent Cement  <b>-refer to plans for details</b></p>
1002 (8)	<b>PLUMBING FIXTURES</b>	1.00	Lumpsum	<p>-item covers the installation of plumbing fixtures as specified in the plans          -specs are as follows:              minor tools              Power Tools</p> <p>1.00 sets -Water closet including fittings and accessories, one piece, elegant design, dual flush, with bidet          1.00 sets -Urinal, white, flush action, including fittings and accessories          1.00 sets -Counter-Top Lavatory including Fittings and Accessories          1.00 sets -Stainless Steel Sink Double basin          1.00 sets -Floor drain 100x100mm, Heavy Duty          1.00 sets -Tissue Holder, stainless          1.00 sets -Soap Holder, white, ceramic          1.00 sets -Soap dispenser, stainless          1.00 sets -Flexible Sink Goose Neck, Heavy duty with accessories          1.00 pcs -Stainless Steel Faucet          1.00 pcs -Bathroom Mirror          2.00 pcs -Stainless Steel Grab Bar</p> <p><b>-refer to plans for details</b>  <b>-all plumbing fixtures shall be checked and approved first before installation</b></p>
1002 (28)	<b>COLD WATER LINES</b>	1.00	lumpsum	<p>-item covers the installation of cold water lines as specified in the plans          -item also covers tapping to the existing water line          -specs are as follows:              minor tools              Power Tools              25mmØ HDPE Pipe, SDR11 x100m              25mmØ Compression Elbow              25mmØ Compression Tee</p>



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				<p>25mm dia x4m PPR Pipe PN 20          25mm-15mm PPR Pipe Reducer          Gate valve 25mmΦ          Check valve 25mmΦ          15mmdia x 4m PPR Pipe PN 20          15mm PPR Pipe elbow 90°          15mm PPR Pipe union Patente          15mm PPR Pipe Tee          15mm PPR Pipe end cap          Angle valve          PPR Pipe Nipple 15mmΦ, Threaded Adapter</p> <p><b>-water line shall be tested for leaks</b>  <b>-refer to plans for details</b></p>
1003(1)b1	<b>CEILING</b>	59.29	sq.m.	<p>-item covers the installation of ceiling as specified in the plans          -covers the installation of new ceiling specified in the plan and repair/patching of other delapidated ceiling areas</p> <p>-specs are as follows:          minor tools          Plywood, 4mm, 1.2x2.4m          Good Lumber          CWN (assorted)</p> <p><b>-refer to plans for details</b></p>
1043 (2)	<b>PVC DOORS AND FRAMES</b>	1.00	set	<p>-item covers the installation of PVC door as specified in the plans</p> <p>-specs are as follows:          Wood Panel Door, Well Seasoned Wood, Smooth Wood-Stain Finish          Door Jamb, Well Seasoned Wood, Paint Finish          Lever Type Lockset          Heavy Duty Hinge</p>
1018 (2)	<b>UNGLAZED TILES</b>	5.30	sq.m.	<p>-item covers the tiling of the comfort room flooring</p> <p>-specs are as follows:          Power Tools          Minor Tools (10% of labor)          300x300mm, Unglazed Tiles for Comfort Rooms          Fine Sand          Portland Cement          Tile Adhesive          Tile Grout          Tile Cutter Disk</p> <p><b>-refer to plans for details</b>  <b>-refer to INFRA for color and design approval before installation</b></p>
1018 (7)	<b>GLAZED TILES</b>	18.85	sq.m.	<p>-item covers the tiling of counter tops, comfort rooms walls</p> <p>-specs are as follows:          Power Tools          Minor Tools (10% of labor)          Glazed Tiles, 600x600mm          Fine Sand          Portland Cement          Tile Adhesive          Tile Grout          Tile Cutter Disk          Stainless Steel Tile Trim</p> <p><b>-refer to plans for details</b></p>



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				<p><b>-refer to INFRA for color and design approval before installation</b></p>
1027(1)	<b>CEMENT PLASTER FINISH</b>	53.78	sq.m.	<p>-item covers the plastering of the new CHB walls as specified in the plans and affected parts of chiseling works</p> <p>-specs are as follows:          Minor tools          Power Tools (Sander)          Portland Cement          Fine sand</p> <p><b>-refer to plans for details</b></p>
1032(1)a	<b>PAINTING WORKS (MASONRY/CONCRETE)</b>	301.79	sq.m	<p>-item covers the repainting of the whole building's interior walls and affected areas of chiseling works</p> <p>-specs are as follows:          minor tools(10% of labor)          Flat Latex White (First coat)          Final 2 Coats          Masonry Neutralizer          Masonry Putty          Sand Paper          Roller brush with pan          Roller Brush foam          Paint Brush x 100          Paint Brush x 75</p> <p><b>-refer to plans for details</b>  <b>-refer to INFRA for color and design approval before painting</b></p>
1032(1)b	<b>PAINTING WORKS (WOOD)</b>	232.99	sq.m	<p>-item covers the painting of the interior ceiling and repaired ceiling parts</p> <p>-seamless joint finish for the ceiling, joints shall be plastered for smooth finish</p> <p>-specs are as follows:          minor tools          H-frame/GI pipe scaffolds          Latex Flat White          Latex Semi-Gloss White          Plasolux Glazing Putty          Paint Thinner          Roller brush with pan          Roller Brush foam          Paint Brush x 100          Paint Brush x 75          Sand Paper          Scrim Tape</p> <p><b>-refer to plans for details</b>  <b>-refer to INFRA for color and design approval before painting</b></p>
1046(2)	<b>CHB NON LOAD BEARING (INCLUDING RSB)</b>	17.63	sq.m.	<p>-item covers the laying of CHB as specified in the plans</p> <p>-specs are as follows:          Minor tools          4" thk. CHB          Fine sand          portland cement          10mm dia RSB grade 40,deformed          no. 16 GI tie wire</p> <p><b>-refer to plans for details</b></p>



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1100	<b>CONDUITS, BOXES AND FITTINGS</b>	1.00	lumpsum	<p>-item covers the installation of conduits, boxes and fittings as specified in the plans          -specs are as follows:          minor tools</p> <p>Lighting:          Flexible Conduits (PVC/uPVC) - 20mmØ, 100m          PVC/uPVC Junction box          PVC/uPVC Utility Box</p> <p>Power and ACU:          Rectangular Moulding (PVC/uPVC) - 30mm x 25mm x 2.44m          PVC/uPVC Utility Box surface mount (white)          PVC/uPVC Junction box</p> <p>Consumables:          Electrical tape (0.16mmx19mmx16m)          Rubber tape (0.16mmx19mmx8m)          Grab Adhesive 100g</p> <p><b>-refer to plans for details</b></p>
1101	<b>WIRES AND WIRING DEVICES</b>	1.00	lumpsum	<p>-item covers the installation of wires and wiring devices as specified in the plans          -specs are as follows:          minor tools</p> <p>Lighting          3.5mm<sup>2</sup> THHN Cu wire stranded          Single Pole Wall Switch on one switch plate          Duplex (2 Single Pole Wall Switches on one switch plate)          Triplex (3 Single Pole Wall Switches on one switch plate)          Power          3.5mm<sup>2</sup> THHN Cu wire stranded          2.0mm<sup>2</sup> THHN Cu wire stranded green (Gnd)          Duplex Convenience Outlets/Receptacles, 3prong (grounding type)          Heavy Duty Convenience Outlet/Receptacles (SPO)</p> <p>ACU:          5.5mm<sup>2</sup> THHN Cu wire stranded          2.0mm<sup>2</sup> THHN Cu wire stranded green (Gnd)</p> <p>Main Feeder:          14mm<sup>2</sup> THHN Cu wire stranded          8.0mm<sup>2</sup> THHN Cu wire stranded</p> <p>Service Drop Wires:          Service Drop wire No. 4 (aluminum)          Secondary rack two spool assembly          Spool</p> <p>Grounding:          8.0mm<sup>2</sup> THHN Cu wire stranded          20mmØx2.4m ground rod          20mmØ grounding clamp</p>
1102	<b>POWER LOAD CENTER, SWITCH GEAR AND PANEL BOARD</b>	1.00	lumpsum	<p>-item covers the installation of powerload center, switch gear and panel board as specified in the plans          -specs are as follows:          minor tools          Panel Board PB:          Main: 60AT, 2P+G, 16KAIC MCCB, Bolt-On          Branches: 6-20 AT, 6- 30 AT, all 2P+G, Bolt-ON, 10KAIC in</p>



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				<p>NEMA1 Enclosure, Flash Mounted, Grounding and Terminal Lugs ready.          ACUs:          30AT MCCB, 10KAIC, 2P+G, 240V, Bolt-On with NEMA rated Enclosure Surface Mounted.</p> <p><b>-refer to plans for details</b></p>
1103	<b>LIGHTING FIXTURES</b>	1.00	lumpsum	<p>-item covers the installation of lighting fixtures as specified in the plans          -specs are as follows:          2x40 Louver Housing Surface Mount 12"x48"          300x1200mm, 2 pcs 1200mm T8 Tube Lights 1800 Lm, Metal Sheet Housing, Mirrorized Reflector, G13, Surface Mount, Double End, IP 40          Ceiling lamp, 20Watts, 1800Lm, 6000 Daylight, 385x350x90mm, 230V,60Hz, Surface Mounted.</p> <p><b>-all fixtures shall be approved first by the INFRA Unit before installation</b>  <b>-refer to plans for details</b></p>
SPL-I	<b>SEPTIC TANK (1.45x2.8x1.5)</b>	1.00	unit	<p>-item covers the construction of septic tank as specified in the plans          -specs are as follows:          minor tools          Power Tools          1-bagger concrete mixer          mixing box          Portable concrete Vibrator</p> <p><b>REINFORCING STEEL BARS:</b>          12mm Grade 60 RSB          10mm Grade 40 RSB          no. 16 GI Tie wire</p> <p><b>FALSE AND FORMWORKS</b>          1/2" thk. Marine plywood 1.2m x 2.4m          form lumbers          common wire nails (assorted)</p> <p><b>STRUCTURAL CONCRETE</b>          portland cement          washed sand</p> <p><b>MASONRY</b>          4" thk. Non load bearing CHB          washed sand          portland cement</p> <p><b>PLASTERING</b>          washed sand          portland cement</p> <p><b>PIPES &amp; FITTINGS</b>          PVC Tee 75mm Dia          PVC Pipe S-1000 x 3m 75mm Dia          PVC end cap</p> <p><b>-refer to plans for details</b></p>