



Annex B: Scope of Works

Name of Project: **IMPROVEMENT OF GOATERY AND A. I. LABORATORY - KSU RIZAL CAMPUS**

ITEM No.	ITEMS OF WORK	QTY	UNIT	SCOPE OF WORKS
B.5	PROJECT BILLBOARD	1.00	set	-covers project signboard of the building construction (8' x 8') -specs are as follows 1/4" x 4' x 8' Marine plywood good lumber tarpauline (8'x8') CWN (assorted) -refer to the Infra Office for the design and format
B.7	OCCUPATIONAL SAFETY AND HEALTH PROGRAM	1.00	lumpsum	-covers safety personal protective equipment to be used during the construction until the project is done -specs are as follows safety gloves safety shoes safety helmets caution tape, 3" x 300m First Aid Kit
803(1)a	STRUCTURE EXCAVATION (Common soil)	5.40	cu. m.	-covers all excavation works in the project -specs are as follows minor tools (10% of Labor) -refer to plans for details NOTE: -refer to INFRA for Inquiry
804(1)a	EMBANKMENT FROM STRUCTURE EXCAVATION	1.80	cu. m.	-covers all embankment works in the project -must be compacted -specs are as follows minor tools (10% Labor) -refer to plans for details NOTE: -refer to INFRA for Inquiry
804(4)	GRAVEL FILL (GRAVEL BEDDING)	0.68	cu. m.	-covers all the gravel filling specified in the plan -specs are as follows Minor Tools (10% of Labor) Gravel bedding (G1)



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				<p>-refer to plans for details</p> <p>NOTE: -refer to INFRA for Inquiry</p>
900(1)c3	<p>STRUCTURAL CONCRETE WORKS (Wall Footing)</p>	2.70	cu. m.	<p>-all concrete shall be class A = $fc' \geq 21$ Mpa</p> <p>-covers the concreting of wall footing.</p> <p>-specs are as follows</p> <p>Minor Tools (10% of Labor) portland cement washed sand crushed gravel, G1</p> <p>-refer to plans for details</p> <p>NOTE: -refer to INFRA for Inquiry</p>
902(1)a1	<p>REINFORCING STEEL BARS (Grade 40, deformed)</p>	111.06	kgs.	<p>- all reinforcing steel bars shall be grade 40, $fy \geq 275$ Mpa</p> <p>-covers all the RSB item specified in the plan</p> <p>-specs are as follows</p> <p>bar cutter bar bender RSB grade 40, Deformed bars no.16 tiewire</p> <p>-refer to plans for details</p> <p>NOTE: -refer to INFRA for Inquiry</p>
1002(8)	<p>PLUMBING FIXTURES AND FITTINGS</p>	1.00	Ls	<p>-covers all plumbing fixtures and fittings specified in the plan</p> <p>-specs are as follows</p> <p>Set of plumbing tools Water closet including fittings and complete accessories one piece, elegant design, dual flush, with bidet Lavatory including faucet, Fittings and Accessories Stainless Steel Sink (Single) with Drainboard Floor drain 100x100mm, Heavy Duty Tissue Holder, stainless with hood Heavy Duty Stainless Flexible Gooseneck Faucet with adjustable Filter (with complete accessories)</p> <p>-refer to plans for details</p> <p>NOTE: -refer to INFRA for Inquiry</p>



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1003(1)a1	CEILING (4.5MM FIBER CEMENT BOARD ON METAL FRAME CEILING)	22.15	sq.m	<p>-covers the installation of ceiling on metal frame specified in the plan -specs are as follows</p> <p>Minor tools (10% of Labor) Power Tools H-Frame, G.I. Pipe Scaffolds Fiber Cement Board 4.5mm thk. 1.2m x 2.4m Double Metal Furring, 19mm x 50mm x 0.6mm THK x 5m Carrying Channel, 12mm x 38mm x 0.8mm THK x 5m Wall Angle, 25mm x 25mm x 0.6mm THK x 2.44m Pre-formed wire clip Blind Rivet, 1/8 x 20mm Drywall Screw 3.5 x 25mm 1" Metal Screw</p> <p>-refer to plans for details</p> <p>NOTE: -refer to INFRA for Inquiry</p>
1004(2)a	LOCKSET	2.00	sets	<p>-covers the installation of locksets specified in the plan -specs are as follows</p> <p>Levertype Lockset</p> <p>-refer to plans for details</p> <p>NOTE: -refer to INFRA for Inquiry</p>
1004(2)g	HINGE	3.00	sets	<p>-covers the installation of hinges specified in the plan -specs are as follows</p> <p>Hinge</p> <p>-refer to plans for details</p> <p>NOTE: -refer to INFRA for Inquiry</p>
1010(2)b	WOOD PANEL DOOR	1.47	sq.m	<p>-covers the installation of wood panel doors specified in the plan -specs are as follows</p> <p>Minor tools (10% of Labor) Power Tools D2 - Wood Panel Door, Well Seasoned, Polyurethane Top Coat Finish, 1 set - 0.7m x 2.1m</p> <p>-refer to plans for details</p> <p>NOTE: -refer to INFRA for Inquiry</p>
1013(1)	CORRUGATED METAL SHEETS	132.23	sq.m.	<p>-covers the installation of corrugated metal sheets as</p>



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				<p>specified in the plan</p> <p>-specs are as follows</p> <p>Minor tools (10% of Labor) Power Tools H-Frame/ Scaffolds Corrugated Type (Gauge 26, 1060mm Width) Tek screw (1 1/2" - 2")</p> <p>-refer to plan for details</p> <p>NOTE: -refer to INFRA for Inquiry</p>
1018(1)	GLAZED TILES	10.15	sq.m	<p>-covers the installation of glazed tiles specified in the plan</p> <p>-specs are as follows</p> <p>Minor tools (10% of Labor) Power Tools Glazed Granite Tiles (600mm x 600mm) Tile adhesive (25kgs/bag) Portland Cement Washed Sand White cement joint filler, 2kgs Tile Cutter Disk</p> <p>-refer to plans for details</p> <p>NOTE: -refer to INFRA for Inquiry</p>
1018(2)	UNGLAZED TILES	2.33	sq.m	<p>-covers the installation of unglazed tiles specified in the plan</p> <p>-specs are as follows</p> <p>Minor tools (10% of Labor) Power Tools Unglazed Granite Tiles (300m x 300m) Tile adhesive (25kgs/bag) Portland Cement Fine Sand White cement joint filler, 2kgs Tile Cutter Disk</p> <p>-refer to plans for details</p>
1027(1)	CEMENT PLASTER FINISH	72.00	sq.m.	<p>-covers all plastering as specified in the plan</p> <p>-specs are as follows</p> <p>H-frame/ GI Pipe scaffolds washed sand portland cement</p> <p>-refer to plan for details</p> <p>NOTE: -refer to INFRA for Inquiry</p>



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1032(1)a	PAINING WORKS (MASONRY/CONCRETE)	87.58	sq.m	<p>-covers all painting of masonry as specified in the plan</p> <p>-specs are as follows</p> <p>Minor tools (10% of Labor) H-Frame, G.I. Pipe Scaffolds Latex Semi Gloss (2 coats)</p> <p>- Refer to INFRA for color Masonry Putty Sand Paper Roller brush with pan Roller Brush foam Paint Brush x 100 Paint Brush x 75</p> <p>-refer to plan for details</p> <p>NOTE: -refer to INFRA for Inquiry</p>
1032(1)b	PAINING WORKS (CEILING)	22.15	sq.m	<p>-covers all painting of ceiling as specified in the plan</p> <p>-specs are as follows</p> <p>Minor tools (10% of Labor) H-Frame, G.I. 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</p> <p>-refer to plan for details</p> <p>NOTE: -refer to INFRA for Inquiry</p>
1046(2)	CHB NON LOAD BEARING 4" (RSB included)	45.00	sq.m.	<p>-covers the laying of CHB as specified in the plan</p> <p>-specs are as follows</p> <p>Minor tools (10% of Labor) 4" thk. CHB washed sand portland cement 10mmØ RSB grade 40, deformed no. 16 GI tie wire</p> <p>-refer to plan for details</p> <p>NOTE: -refer to INFRA for Inquiry</p>
1047(1)	STRUCTURAL STEEL	1.00	lumpsum	<p>-item covers the fabrication and installation of the following steel structures as specified in the plans:</p> <p>-specs are as follows</p>



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				minor tools (10% of labor) Disk Grinder/ Speed Cutter Welding Machine H-Frame/ Scaffolds Welding rod Cutting Disc Metal Primer Paint Brush x 100 Steel Matting: Steel matting wire mesh 2" hole Additional Frames for Metal Sheet Walls: Tubular 50x25x1.2mm -please refer to plan NOTE: -refer to INFRA for Inquiry
1202 (24) a3	FIRE EXTINGUISHER (10lbs, CO2/ HCFC123 with bracket)	2.00	set/s	-covers the installation of fire extinguishers specified in the plan -specs are as follows Minor tools (10% of Labor) Power Tools Fire Extinguisher 10lbs HCFC-123 (Green) -please refer to plan NOTE: -refer to INFRA for Inquiry
SPL I	MISCELLANEOUS WORKS	1.00	lumpsum	-covers the installation of additional plastic slatted flooring and tolda -specs are as follows minor tools (10% of labor) 2' x 4' x 3" Plastic Slatted Flooring for Goat Tarpaulin Trapal Lona S200 10' x 20'
SPL-II	FLOORING SYSTEM	19.76	sq.m	-covers the application of rubber paint as specified in the plan -specs are as follows Rubberized Floor Paint -please refer to plan NOTE: -refer to INFRA for Inquiry