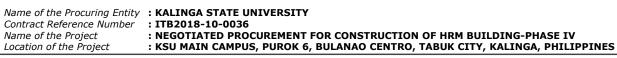




Annex "D": Scope of Works

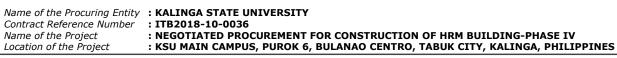
## SCOPE OF WORKS FOR THE NEGOTIATED PROCUREMENT FOR CONSTRUCTION OF HRM **BUILDING-PHASE IV:**

ITEM No.	ITEMS OF WORK	QTY	UNIT	SCOPE OF WORKS
803(1)a	STRUCTURE EXCAVATION (Common soil)	42.79	cu.m	-covers item @ grid C-E and 1-3 at ground floor specified in the plan includes excavation of Footing & Perimeter Zocalo
804(1)a	EMBANKMENT (Selected Fill Materials above Grade)	47.56	cu.m	-covers item @ grid C-E and 1-3 at ground floor specified in the plan includes backfilling of excavated materials
1000(1)	SOIL POISONING	33.75	sq.m	<ul><li>-covers item @ grid C to E and 1-3 at ground floor specified in the plan</li><li>'-specs are as follows:</li><li>1.Soil poisoning materials</li></ul>
900(1)c2	*Footing *Perimeter Zocalo *Slab on fill	8.67	cu.m	-all concrete shall be class A = fc' ≥ 21 Mpa -covers item @ grid C to E and 1-3 at ground floor specified in the plan -covers item @ grid C to E and 1-3 at ground floor specified in the plan -covers item @ grid C to E and 1-3 at ground floor specified in the plan specified in the plan specified in the plan(Culinary Hot kitchen) '-specs are as follows:    *portland cement    *sand    *gravel 1"
900(1)c3	STRUCTURAL CONCRETE (FOOTING TIE BEAM)	2.49	cu.m	-all concrete shall be class A = fc' ≥ 21 Mpa -covers item @ grid C to E and 1-3 at ground floor specified in the plan '-specs are as follows:   *portland cement   *sand   *gravel 1"
900(1)c4	STRUCTURAL CONCRETE (COLUMN) *Column Footings * Columns (from Ground Floor to 2nd floor)	4.64	cu.m	-all concrete shall be class A = fc' ≥ 21 Mpa -covers item @ grid C-E and 1-3 at ground floor -covers item @ grid C-E and 1-3 (heigth = 3.6m) '-specs are as follows:    *portland cement    *sand    *gravel 1"
900(1)c5	STRUCTURAL CONCRETE (SUSPENDED SLAB)	3.98	cu.m	-all concrete shall be class A = fc' ≥ 21 Mpa -covers item @ grid C-E and 1-3 at 2nd floor specified in the plan -specs are as follows: *portland cement *sand *gravel 1"
900(1)c6	STRUCTURAL CONCRETE (BEAMS & GIRDERS)	3.10	cu.m	'-all concrete shall be class A = fc' ≥ 21 Mpa -covers item @ grid C-E and 1-3 at 2nd floor specified in the plan -specs are as follows:     *portland cement     *sand     *gravel 1"





ITEM No.	ITEMS OF WORK	QTY	UNIT	SCOPE OF WORKS
903(2)	FORMS & FALSEWORKS	183.25	sq.m	- it is suggested that the staging and scaffoldings
303(2)	I ONNO & I ALGEWORNS	103.23	34.111	should be lumbers
				-specs are as follows:
				*1/2" thk. plywood
				*good lumbers
				*common wire nails (assorted)
902(1)a1	REINFORCING STEEL BARS	4,029.19	kgs	-all reinforcing bars shall be grade 40 fy≥276Mpa
1046(2)	CHB NON LOAD BEARING	101.77	sq.m	-covers item @ grid C-E and 1 to 3 below tie
1040(2)	(Including RSB)	101.77	34	beam (perimeter wall only)
	(including NOD)			-covers item @ grid C-E and 1 to 3 GROUND
				FLOOR
				-specs are as follows:
				*6" thk. CHB
				*4" thk. CHB
				*sand
				*cement
				*10mm dia RSB grade 40
				*no. 16 GI tie wire
1027	CEMENT PLASTER FINISH	126.004	sq.m	-covers item @ grid C-E and 1 to 3 @ GROUND
			- 1	FLOOR
				-includes partition walls, beams, columns (interior
				& Front only)
				-specs are as follows:
				portland cement
				sand
1018(1)	TILING WORKS	33.75	sq.m	-covers item @ grid C-E and 1 to 3 @ GROUND
	(Glazed Tiles )			FLOOR
				specified in the plan
				-specs are as follows:
				600mm x 600mm Non-skid Ceramic Floor Tiles
				Cement
				Sand
				Tile Grout Fix All
				Tile Cutter Disk
				NOTE:VERIFY THE DESIGN
1008	ALUMINUM GLASS	1	L.s	-covers item @ grid C-E and 1 to 3 @ GROUND
	WINDOW			FLOOR
				specified in the plan
				-specs are as follows:
				W-2A _Analok Glass on Aluminum Frame w/
				Interior Grills(1 sets)(1.5m x 1.2m)
				W-3_Analok Glass on Aluminum Frame w/ Interior
				Grills(2 sets)(1.5m x .6m)
1007	ANALOK GLASS DOORS	2	sets	-covers item @ grid C-E and 1 to 3 @ GROUND
				FLOOR
				specified in the plan
				-specs are as follows:
				ADW1 -Analok Glass Door(2.1m x .9m)(1set) D1A -Analok Glass Door(3.2m x 2.48m)(1set)
				WITH INSTALLATION
L	l	<u> </u>	<u> </u>	······································





ITEM No.	ITEMS OF WORK	QTY	UNIT	SCOPE OF WORKS
1001(8)	SEWER LINE WORKS	1	l.s	-covers item @ grid C-E and 1 to 3 @ GROUND
1001(0)	SEVER LINE WORKS	,	1.5	FLOOR
				specified in the plan
				-specs are as follows:
				Pvc pipe 75mm dia.,S-1000 x 3m
				Fittings:
				Pvc elbow 75mm dia x 75mm dia.
				Pvc wye 75mm x 75mm
				Pvc clean out plug 75 Solvent cement
1002/20\	COLD WATER LINES	1	l a	Pvc 45 deg. X 75mm dia
1002(28)	COLD WATER LINES	ı	l.s	-covers item @ grid C-E and 1 to 3 @ GROUND FLOOR
				specified in the plan
				-specs are as follows:
				GI TEE 12mm dia.
				GI Pipe 1/2" dia. X 6m
				Solvent Cement 1/4 lit
4.400 (4)	LIQUENCE DES			GI elbow 12mm dia x 90'
1103(1)	LIGHTING FIXTURES	1	l.s	-covers item @ grid C-E and 1 to 3 @ GROUND
				FLOOR
				specified in the plan
				-specs are as follows:
				2x18w troffer type LED lamp, 600mmx600mm
1100(30)	CONDUITS, BOXES &	1	l.s	-covers item @ grid C-E and 1 to 3 @ GROUND
	FITTINGS			FLOOR
				specified in the plan
				-specs are as follows:
				For lighting
				PVC conduit, 15mm
				PVC adapter with lacknut, 15mm
				Elbow, 15mm
				Utility Box (50 x 100 Moldflex)
				Junction Box (Octagonal)
				For Power
				PVC conduit, 20mm
				PVC adapter with lacknut, 20mm
				PVC elbow, 20mm
				Utility Box (50 x 100 Moldflex)
				For Airconditioning unit
				PVC conduit, 25mm
				PVC adapter with lacknut,25mm
				PVC elbow, 25mm
				Utility Box (2 x 4" Moldflex)
				For Service Entrance
				PVC conduit, 75mm dia
				PVC looknut and adopter, 75mm dia
1001/40\	MIDES & MIDING DEVICES	4	1.5	PVC locknut and adapter, 75mm dia
1001(42)	WIRES & WIRING DEVICES	1	l.s	-covers item @ grid C-E and 1 to 3 @ GROUND
				FLOOR
				specified in the plan
				-specs are as follows:
				Lighting
				1. 2.0 mm2 THHN Stranded Wire (ISO Certified)
				Power
1				

**HEALTH PROGRAM** 

Name of the Procuring Entity : KALINGA STATE UNIVERSITY Contract Reference Number : ITB2018-10-0036

EM No.	ITEMS OF WORK	QTY	UNIT	SCOPE OF WORKS
				1. 3.5mm2 THHN Stranded Wire (ISO Certified)
				Appliance
				1.5.5 mm2 THHN Stranded Wire (ISO Certified)
				Main Protection
				7. 8.0mm sq THHN wire
				8. 3.5mm sq THHN wire
				Lighting
				7.Two Gang Switch (Wide-Series)
				8.Three way Switch (Wide-Series)
				4. Convenience outlet, 16A, Duplex, 3prong, 250V
				pop-up convenience outlet
				5. Special purpose outlet, with grounding, 24A
				5. Electrical Tape B/S
				Appliances
				4. Aircon outlet set
				5. Electrical Tape B/S
				NOTE: VERIFY THE LAST COAT
1102	POWER LOAD CENTER,	1	set	-covers item @ grid C-E and 1 to 3
	SWITCH GEAR AND PANEL			@ GROUND FLOOR
	BOARDS			specified in the plan
				-specs are as follows:
				Panel Board LP Main: 30A center tapped,
				3P+G,
				22KAIC with 10-branches:10-15A, all 2P+G &
				10KAIC
				In NEMA-1 Enclosure, Wall Mounted (flushed)
				powder coated
B.5	PROJECT BILLBOARD	1	set	-covers project signboard of the building
				construction
				-specs are as follows:
				good lumber
				Tarpaulin (4' x 8')
		_		CWN (assorted)
B.7	OCCUPATIONAL SAFETY &	1	L.s	-covers safety personal protective equipment to

\*NOTE: All the branded products stated in this Scope of Works (above) are used as "preference" only for accuracy and quality-based output of the project.

is done

safety gloves safety helmet safety shoes

-specs are as follows:

be used during the construction until the project

Prepared by:	Checked by:
KSU INFRASTRUCTURE UNIT	Engr. CHRISTIAN LOUIE B. ADORA Chairman for Planning
Recommending Approval:	Approved:
Engr. RHONJHON R. GARMING Director for Planning and Strategy	EDUARDO T. BAGTANG, CPA, DBM SUC President III