



**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)	<b>42.79</b>	<b>cu.m</b>	-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)	<b>47.56</b>	<b>cu.m</b>	-covers item @ grid C-E and 1-3 at ground floor specified in the plan includes backfilling of excavated materials
1000(1)	SOIL POISONING	<b>33.75</b>	<b>sq.m</b>	-covers item @ grid C to E and 1-3 at ground floor specified in the plan '-specs are as follows: 1. Soil poisoning materials
900(1)c2	STRUCTURAL CONCRETE *Footing *Perimeter Zocalo *Slab on fill	<b>8.67</b>	<b>cu.m</b>	-all concrete shall be class A = $f_c' \geq 21$ 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 (Culinary Hot kitchen) '-specs are as follows: *portland cement *sand *gravel 1"
900(1)c3	STRUCTURAL CONCRETE (FOOTING TIE BEAM)	<b>2.49</b>	<b>cu.m</b>	-all concrete shall be class A = $f_c' \geq 21$ 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)	<b>4.64</b>	<b>cu.m</b>	-all concrete shall be class A = $f_c' \geq 21$ Mpa -covers item @ grid C-E and 1-3 at ground floor -covers item @ grid C-E and 1-3 (height = 3.6m) '-specs are as follows: *portland cement *sand *gravel 1"
900(1)c5	STRUCTURAL CONCRETE (SUSPENDED SLAB)	<b>3.98</b>	<b>cu.m</b>	-all concrete shall be class A = $f_c' \geq 21$ 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)	<b>3.10</b>	<b>cu.m</b>	'-all concrete shall be class A = $f_c' \geq 21$ 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"



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903(2)	FORMS & FALSEWORKS	183.25	sq.m	- it is suggested that the staging and scaffoldings 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 $f_y \geq 276$ Mpa
1046(2)	CHB NON LOAD BEARING (Including RSB)	101.77	sq.m	-covers item @ grid C-E and 1 to 3 below tie beam (perimeter wall only) -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 FLOOR -includes partition walls, beams, columns (interior & Front only) -specs are as follows: portland cement sand
1018(1)	TILING WORKS (Glazed Tiles )	33.75	sq.m	-covers item @ grid C-E and 1 to 3 @ GROUND 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 <b>NOTE:VERIFY THE DESIGN</b>
1008	ALUMINUM GLASS WINDOW	1	L.s	-covers item @ grid C-E and 1 to 3 @ GROUND 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) <b>WITH INSTALLATION</b>



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1001(8)	SEWER LINE WORKS	1	I.s	-covers item @ grid C-E and 1 to 3 @ GROUND FLOOR specified in the plan -specs are as follows: Pvc pipe 75mm dia.,S-1000 x 3m <b>Fittings:</b> Pvc elbow 75mm dia x 75mm dia. Pvc wye 75mm x 75mm Pvc clean out plug 75 Solvent cement Pvc 45 deg. X 75mm dia
1002(28)	COLD WATER LINES	1	I.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 GI elbow 12mm dia x 90'
1103(1)	LIGHTING FIXTURES	1	I.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 & FITTINGS	1	I.s	-covers item @ grid C-E and 1 to 3 @ GROUND 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 elbow, 75mm dia PVC locknut and adapter, 75mm dia
1001(42)	WIRES & WIRING DEVICES	1	I.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



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				1. 3.5mm <sup>2</sup> THHN Stranded Wire (ISO Certified) Appliance 1.5.5 mm <sup>2</sup> 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 <b>NOTE: VERIFY THE LAST COAT</b>
1102	POWER LOAD CENTER, SWITCH GEAR AND PANEL BOARDS	1	set	-covers item @ grid C-E and 1 to 3 @ GROUND FLOOR 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 & HEALTH PROGRAM	1	L.s	-covers safety personal protective equipment to be used during the construction until the project is done -specs are as follows: safety gloves safety helmet safety shoes

**\*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.

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