

CAMPUS PHYSICAL PLANNING OFFICE



College of Business and Management Hot & Cold Kitchen Complex JOB

I Site Work
I.1 Demolition Works PAY ITEMS COST SHEET ID

1.00 lot QUANTITY

Demolition of concrete walls, remo		UNIT	QUANTITY	Sub Total
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		0	Q9/11/11/1	342 . 344.
SUB TOTAL (A)				<u>l</u>
B) LABOR COST		QI	JANTITY	
,		No. Personnel	Total Hours	
Foreman				•
Skilled Worker				
Laborers				
SUB - TOTAL (B)				
C. EQUIPMENT COST			JANTITY	
		No. of Equipt.	Total Hours	
Jack Hammer				
Chipping Gun				
Hauling Truck				
SUB - TOTAL (C)				
D. TOTAL DIRECT COST (A+B+C)				
E. ADD INDIRECT COST				
1.	OCM			
2.	Contractor's Profit			
3.	5% VAT			
			·· (p)	
			TOTAL COST (D+E)	129,924.48
IOD Callana	-f Di	+ 0. C-1-1 V:+-1 C	UNIT COST	
	of Business and Management Ho	it & Cold Kitchen Cor	npiex	
PAY ITEMS :	I Site Work			
	I.2 Scaffoldings			
QUANTITY :	1.00 lot			
A) MATERIALS : COST/UNIT		UNIT	QUANTITY	Sub Total
2"x2" x10' Coco lumber		bd.ft.	QOANTITI	Sub Total
		lot	+	
Common nails SUB TOTAL (A)		101		
B) LABOR COST		01	JANTITY	
B) LABOR COST		No. Personnel	Total Hours	I
Foreman		No. Fersonner	Total flours	
Skilled Worker				
Laborers				
SUB - TOTAL (B)			L L	
C. EQUIPMENT COST		Ol	JANTITY	
5. 2Q5.:2 555.		No. of Equipt.	Total Hours	
Truck			1	
SUB - TOTAL (C)		<u> </u>	-1	
D. TOTAL DIRECT COST (A+B+C)				
E. ADD INDIRECT COST				
1.	OCM			
2.	Contractor's Profit			
3.	5% VAT			
G.				
<u>.</u>			TOTAL COST (D+E)	33,092.54

UNIT COST

College of Business and Management $\,$ Hot & Cold Kitchen Complex $\,$ JOB

Doors & Windows Doors PAY ITEMS Ш

COST SHEET ID QUANTITY 1.00 lot

Installation of doors and windows (labor cost included)

A) MATERIALS : COST/UNIT	UNIT	QUANTITY	Sub Total
D-1, 2.00mx2.10m double swing glass door with 1/4" thick clear glass on Aluminum frames, complete with other accessories and hardwares	sets		
D-2, 0.90mx2.10m flush door with viewing glass, complete with other accessories and hardwares	sets		
D-3, 1.00mx2.10m double swing glass door with 1/4" thick clear glass on Aluminum frames, complete with other accessories and hardwares	sets		
Door Transoms, 0.50m x 2.00m with 1/4" thick clear glass on Aluminum frames, complete with other accessories and hardwares	sets		
Repair of existing doors complete with accessories and hardwares	lot		
Items not included but necessary	lot		
SUB TOTAL (A)			
B) LABOR COST	QU	ANTITY	
	No. Personnel	Total Hours	
Foreman			
Skilled Worker			
Laborers			
SUB - TOTAL (B)			
C. EQUIPMENT COST	QU	ANTITY	
	No. of Equipt.	Total Hours	
SUB - TOTAL (C)			

SUB - TOTAL (C)

D. TOTAL DIRECT COST (A+B+C)

E. ADD INDIRECT COST

OCM 1.

Contractor's Profit 5% VAT 2.

TOTAL COST (D+E) 217,905.35

UNIT COST

College of Business and Management Hot & Cold Kitchen Complex JOB

PAY ITEMS **Doors and Windows** Ш

COST SHEET ID 11.2 Windows QUANTITY 1.00 lot

 $In stall at ion of Clear \ Glass \ windows \ on \ a luminum \ frame \ , \ labor \ cost \ and \ other \ accessories \ included$

A) MATERIALS : COST/UNIT	UNIT	QUANTITY		Sub Total
W-1, 4.25mx2.10m Sliding glass window (F,S,S,F), with 1/4" thick				
clear glass on aluminum frame, complete with other accessories and	sets			
hardwares				
W-2, 0.605mx2.50m Fixed glass panel, with 1/4" thick clear glass on	sets			
aluminum frame, complete with other accessories and hardwares				
W-3, 2.60mx2.10m Sliding glass window (F,S,S,F), with 1/4" thick				
clear glass on aluminum frame, complete with other accessories and	sets			
hardwares				
W-4, 1.80mx1.20m Sliding glass window (F,S), with 1/4" thick clear				
glass on aluminum frame, complete with other accessories and	sets			
hardwares				
W-5, 3.00mx1.70m Fixed glass panel, with 1/4" thick clear glass on	sets			
aluminum frame, complete with other accessories and hardwares				
SUB TOTAL (A)			_	
B) LABOR COST	QUA	ANTITY	_	
	No. Personnel	Total Hours		
Foreman				
Skilled Worker				
Laborers				
SUB - TOTAL (B)				

	1		•
C. EQUIPMENT COST		ANTITY	
	No. of Equipt.	Total Hours	
SUB - TOTAL (C)			
D. TOTAL DIRECT COST (A+B+C)			
E. ADD INDIRECT COST			
1. OCM			
2. Contractor's Profit			
3. 5% VAT			
		TOTAL COST (D+E)	244,920.38
		UNIT COST	_ : :,,==::==
JOB : College of Business and Management Hot 8	2. Cald Kitchan Cam		
PAY ITEMS : III Concrete & Drywall Parti		piex	
COST SHEET ID : III.1 Drywall Partition on Purl			
	ilis irailie		
QUANTITY: 9.81 sq.m.	211 411 6		
Installation of double wall drywall partition with fiber cement board of			
A) MATERIALS : COST/UNIT	UNIT	QUANTITY	Sub Total
4.5mm thk fiber cement board	shts		
Consumables Screws, jointing tapes, etc.	lot		
2" x 4"x 1.5mm thk C-Purlin frame	lengths		
Items not included but necessary	lot		
SUB TOTAL (A)		I .	
B) LABOR COST	OII	ANTITY	
b) LABOR COST			I
.	No. Personnel	Total Hours	L
Foreman			
Skilled Worker			
Laborers			
SUB - TOTAL (B)			
C. EQUIPMENT COST		ANTITY	
	No. of Equipt.	Total Hours	
Welding Machine			
SUB - TOTAL (C)			
D. TOTAL DIRECT COST (A+B+C)			
 OCM Contractor's Profit 5% VAT 		TOTAL COST (D+E)	51,416.51
		UNIT COST	
IOB : College of Business and Management Hot 8	& Cold Kitchen Com	UNIT COST	
JOB : College of Business and Management Hot 8 PAY ITEMS : IV Concrete & Drywall Parti			
PAY ITEMS : IV Concrete & Drywall Parti			
PAY ITEMS : IV Concrete & Drywall Particle COST SHEET ID : IV.1 4" CHB Concrete wall			
PAY ITEMS : IV Concrete & Drywall Particology COST SHEET ID : IV.1 4" CHB Concrete wall QUANTITY : 1.00 lot			
PAY ITEMS : IV Concrete & Drywall Particle COST SHEET ID : IV.1 4" CHB Concrete wall QUANTITY : 1.00 lot Repair of existing wall with plastering	tions	plex	Cub Total
PAY ITEMS : IV Concrete & Drywall Particology COST SHEET ID : IV.1 4" CHB Concrete wall QUANTITY : 1.00 lot Repair of existing wall with plastering A) MATERIALS : COST/UNIT	UNIT	plex QUANTITY	Sub Total
PAY ITEMS : IV Concrete & Drywall Particle COST SHEET ID : IV.1 4" CHB Concrete wall QUANTITY : 1.00 lot Repair of existing wall with plastering	tions	plex	Sub Total
PAY ITEMS: IV Concrete & Drywall Particle COST SHEET ID: IV.1 4" CHB Concrete wall QUANTITY: 1.00 lot Repair of existing wall with plastering A) MATERIALS: COST/UNIT Repair of damaged concrete walls	UNIT	plex QUANTITY	Sub Total
PAY ITEMS : IV Concrete & Drywall Particons SHEET ID : IV.1 4" CHB Concrete wall QUANTITY : 1.00 lot Repair of existing wall with plastering A) MATERIALS : COST/UNIT Repair of damaged concrete walls SUB TOTAL (A)	UNIT lot	QUANTITY 1.00	Sub Total
PAY ITEMS: IV Concrete & Drywall Particle COST SHEET ID: IV.1 4" CHB Concrete wall QUANTITY: 1.00 lot Repair of existing wall with plastering A) MATERIALS: COST/UNIT Repair of damaged concrete walls	UNIT lot	QUANTITY 1.00	Sub Total
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PAY ITEMS : IV Concrete & Drywall Particost SHEET ID : IV.1 4" CHB Concrete wall QUANTITY : 1.00 lot Repair of existing wall with plastering A) MATERIALS : COST/UNIT Repair of damaged concrete walls SUB TOTAL (A) B) LABOR COST	UNIT lot	QUANTITY 1.00	Sub Total
PAY ITEMS : IV Concrete & Drywall Particons SHEET ID : IV.1 4" CHB Concrete wall QUANTITY : 1.00 lot Repair of existing wall with plastering A) MATERIALS : COST/UNIT Repair of damaged concrete walls SUB TOTAL (A) B) LABOR COST Skilled Worker Laborers	UNIT lot	QUANTITY 1.00	Sub Total
PAY ITEMS : IV Concrete & Drywall Particons SHEET ID : IV.1 4" CHB Concrete wall QUANTITY : 1.00 lot Repair of existing wall with plastering A) MATERIALS : COST/UNIT Repair of damaged concrete walls SUB TOTAL (A) B) LABOR COST Skilled Worker Laborers SUB - TOTAL (B)	UNIT lot QU.	QUANTITY 1.00 ANTITY Total Hours	Sub Total
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PAY ITEMS : IV Concrete & Drywall Partic COST SHEET ID : IV.1 4" CHB Concrete wall QUANTITY : 1.00 lot Repair of existing wall with plastering A) MATERIALS : COST/UNIT Repair of damaged concrete walls SUB TOTAL (A) B) LABOR COST Skilled Worker Laborers SUB - TOTAL (B) C. EQUIPMENT COST	UNIT lot QU. No. Personnel	QUANTITY 1.00 ANTITY Total Hours	Sub Total
PAY ITEMS : IV Concrete & Drywall Particost SHEET ID : IV.1 4" CHB Concrete wall QUANTITY : 1.00 lot Repair of existing wall with plastering A) MATERIALS : COST/UNIT Repair of damaged concrete walls SUB TOTAL (A) B) LABOR COST Skilled Worker Laborers SUB - TOTAL (B) C. EQUIPMENT COST	UNIT lot QU. No. Personnel	QUANTITY 1.00 ANTITY Total Hours	Sub Total
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PAY ITEMS : IV Concrete & Drywall Particost SHEET ID : IV.1 4" CHB Concrete wall QUANTITY : 1.00 lot Repair of existing wall with plastering A) MATERIALS : COST/UNIT Repair of damaged concrete walls SUB TOTAL (A) B) LABOR COST Skilled Worker Laborers SUB - TOTAL (B) C. EQUIPMENT COST SUB - TOTAL (C) D. TOTAL DIRECT COST (A+B+C) E. ADD INDIRECT COST	UNIT lot QU. No. Personnel	QUANTITY 1.00 ANTITY Total Hours	Sub Total
PAY ITEMS : IV Concrete & Drywall Particost SHEET ID : IV.1 4" CHB Concrete wall QUANTITY : 1.00 lot Repair of existing wall with plastering A) MATERIALS : COST/UNIT Repair of damaged concrete walls SUB TOTAL (A) B) LABOR COST Skilled Worker Laborers SUB - TOTAL (B) C. EQUIPMENT COST SUB - TOTAL (C) D. TOTAL DIRECT COST (A+B+C) E. ADD INDIRECT COST 1. OCM	UNIT lot QU. No. Personnel	QUANTITY 1.00 ANTITY Total Hours	Sub Total
PAY ITEMS : IV Concrete & Drywall Particost SHEET ID : IV.1 4" CHB Concrete wall QUANTITY : 1.00 lot Repair of existing wall with plastering A) MATERIALS : COST/UNIT Repair of damaged concrete walls SUB TOTAL (A) B) LABOR COST Skilled Worker Laborers SUB - TOTAL (B) C. EQUIPMENT COST SUB - TOTAL (C) D. TOTAL DIRECT COST (A+B+C) E. ADD INDIRECT COST 1. OCM Contractor's Profit	UNIT lot QU. No. Personnel	QUANTITY 1.00 ANTITY Total Hours	Sub Total
PAY ITEMS : IV Concrete & Drywall Particost SHEET ID : IV.1 4" CHB Concrete wall QUANTITY : 1.00 lot Repair of existing wall with plastering A) MATERIALS : COST/UNIT Repair of damaged concrete walls SUB TOTAL (A) B) LABOR COST Skilled Worker Laborers SUB - TOTAL (B) C. EQUIPMENT COST SUB - TOTAL (C) D. TOTAL DIRECT COST (A+B+C) E. ADD INDIRECT COST 1. OCM	UNIT lot QU. No. Personnel	QUANTITY 1.00 ANTITY Total Hours	Sub Total
PAY ITEMS : IV Concrete & Drywall Particost SHEET ID : IV.1 4" CHB Concrete wall QUANTITY : 1.00 lot Repair of existing wall with plastering A) MATERIALS : COST/UNIT Repair of damaged concrete walls SUB TOTAL (A) B) LABOR COST Skilled Worker Laborers SUB - TOTAL (B) C. EQUIPMENT COST SUB - TOTAL (C) D. TOTAL DIRECT COST (A+B+C) E. ADD INDIRECT COST 1. OCM Contractor's Profit	UNIT lot QU. No. Personnel	QUANTITY 1.00 ANTITY Total Hours ANTITY Total Hours	
PAY ITEMS : IV Concrete & Drywall Particost SHEET ID : IV.1 4" CHB Concrete wall QUANTITY : 1.00 lot Repair of existing wall with plastering A) MATERIALS : COST/UNIT Repair of damaged concrete walls SUB TOTAL (A) B) LABOR COST Skilled Worker Laborers SUB - TOTAL (B) C. EQUIPMENT COST SUB - TOTAL (C) D. TOTAL DIRECT COST (A+B+C) E. ADD INDIRECT COST 1. OCM Contractor's Profit	UNIT lot QU. No. Personnel	QUANTITY 1.00 ANTITY Total Hours	Sub Total

PAY ITEMS V Ceiling Works **COST SHEET ID** V.1 Moisture resistant boards on Light metal frames 252.00 sq.m. QUANTITY Installation of Ceiling boards UNIT QUANTITY Sub Total A) MATERIALS: COST/UNIT Gypsum Boards, Moisture resistant 9mm x 4' x 8 pcs. Metal frames (repair of damage frames) lot lot Ficem Screw Accessories and consumables lot SUB TOTAL (A) QUANTITY B) LABOR COST No. Personnel **Total Hours** Skilled Worker Laborers SUB - TOTAL (B) QUANTITY C. EQUIPMENT $\overline{\text{COST}}$ No. of Equipt **Total Hours** SUB - TOTAL (C) D. TOTAL DIRECT COST (A+B+C) E. ADD INDIRECT COST OCM Contractor's Profit 2. 5% VAT 3. TOTAL COST (D+E) 101,928.75 **UNIT COST** College of Business and Management Hot & Cold Kitchen Complex JOB PAY ITEMS **Painting Works** VI. Painting Works **COST SHEET ID** VI.1 819.76 sq.m. QUANTITY Includes area of interior drywall partitions, concrete walls, ceiling, exposed bottom of concrete slab, columns and beams, doors A) MATERIALS: COST/UNIT UNIT QUANTITY Sub Total Liquid Tile Primer gals BioFresh, top coat (2 coats) gals Flat Latex, White gals Semi-Gloss Acrylic Latex gals Gypsum Board Premium Jointing Coumpound, 20kg (powder) bags Spot putty gals Painting Miscellaneous (Sand Paper, Paint brush, etc.) lot SUB TOTAL (A) QUANTITY B) LABOR COST No. Personnel **Total Hours** Foreman Skilled Worker Laborers SUB - TOTAL (B) QUANTITY C. FOUIPMENT COST No. of Equipt. **Total Hours** SUB - TOTAL (C) D. TOTAL DIRECT COST (A+B+C) E. ADD INDIRECT COST OCM Contractor's Profit 3. 5% VAT TOTAL COST (D+E) 123.948.93 **UNIT COST** JOB College of Business and Management Hot & Cold Kitchen Complex **PAY ITEMS** VII Tile Works **COST SHEET ID** 60cm x 60cm Tiles VII.1 210.00 sq.m. QUANTITY Installation of 0.60mx0.60m Ceramic unglazed vitrified floor tiles A) MATERIALS : COST/UNIT UNIT QUANTITY Sub Total 600mmx600mm Ceramic Unglazed Floor Tile pcs Tile grout 5kg/bag bags Portland cement bags Fine Aggregates cu.m. Tile Adhesives 25kg/bag, heavy duty bags

College of Business and Management Hot & Cold Kitchen Complex

JOB

Redifix	Tile adhesive additive		gals			
Consumables			lot			
SUB TOTAL (A)			_			
B) LABOR COST				JANTITY	1	1
_			No. Personnel	Total Hours	ļ	
Foreman Skilled Worker						
Laborers						
SUB - TOTAL (B)			<u>-1</u>		<u></u>	
C. EQUIPMENT CO	OST		QL	JANTITY		
			No. of Equipt.	Total Hours	1	
SUB - TOTAL (C)						
D. TOTAL DIRECT (COST (A+B+C)					
E ADD INDIDECT O	7207					
E. ADD INDIRECT C	1.	OCM				
	2.	Contractor's Profit				
	3.	5% VAT				
				TOTAL COST (D+E)		372,699.08
				UNIT COST		
JOB		ss and Management Hot	: & Cold Kitchen Con	nplex		
PAY ITEMS	: VIII : VIII.I	Plumbing Works	l			
COST SHEET ID QUANTITY	: VIII.I : 1.00	Hot and Cold Kitchen P	lumbing			
QUANTITI	. 1.00	iot				
A) MATERIALS : CO	OST/UNIT		UNIT	QUANTITY		Sub Total
4" dia. X 3m. uPVC			lengths			
2" dia. X 3m. uPVC			lengths			
1/2" dia. X 4m. PPR			lengths			
1/2" dia. PPR pipe F			pcs.			
1/2" dia. PPR pipe F			pcs.			
1/2" dia. PPR pipe I	PN 20 90 degree elbow		pcs.			
PVC Clean out, 2", s	series 1000		pcs.			
PVC Clean out, 4" s	eries 1000		pcs.			
Gate/Ball Valve, PP	R Brass Type		pcs.			
PVC Wye Reducer 4	4" x 2" dia.		pcs.			
Grease Strap, Sta	inless steel 304, 10 gal	. capacity	units			
Water Meter			unit			
Pipe fitting and acc	essories		lot			
Consumables	Teflon, Solvent cement	t, etc.	lot			
SUB TOTAL (A)			1 01	IANITITY		T
B) LABOR COST			No. Personnel	JANTITY Total Hours	-	
Foreman			No. Fersonner	Total Hours		
Skilled Worker/ Plu	umber					
Laborers						
SUB - TOTAL (B)			•	•		
C. EQUIPMENT CO	ST			JANTITY	_	
			No. of Equipt.	Total Hours		
CUR TOTAL (0)					<u>l</u>	
SUB - TOTAL (C) D. TOTAL DIRECT (COST (A L D L C)					
D. TOTAL DIRECT C	LOST (A+B+C)					
E. ADD INDIRECT C	COST					
	1.	OCM				
	2.	Contractor's Profit				
	3.	5% VAT				
				TOTAL COST (D+E)		242,873.14
	- "		0.0.11	UNIT COST		
JOB PAY ITEMS	: College of Busines	ss and Management Hot Electrical Works	& Cold Kitchen Con	nplex		
COST SHEET ID	: IX.1	Wires and Fixtures				
QUANTITY	: 1.00					
Q07	. 2.00					
A) MATERIALS : CO	OST/UNIT		UNIT	QUANTITY		Sub Total
Fixtures:						
	pe downlight, 20W CFL w/		sets		1	
2- 18 watts T8 Led	Tube Lights on Surface ho		sets		1	
Wall Fan	12"x48", mirrorized su	riace mounted	sot.		1	
I wan ran			set	I	I	I

Emergency Lights Wiring Devices: 1- gang switch 2- gang switch 3-way switch Duplex con.outlet, wide series Single con. Outlet, wide series Air Con outlet Wires & Cables: 3.5 mm² THHN copper wire 5.5 mm² THHN copper wire Conduits, Boxes, Elbows, Others: Utility box Junction Box w/ cover 20 mm² Ø PVC (conduit) 40 mm² Ø PVC (conduit) PVC Solvent Cement- 100 CC Bracket for outlets (0.85m. Above finished floor)	sets set set sets sets sets sets roll m pcs. pcs. lengths lengths can		
Tubular , B.I. 1.5mm x 2" x 4" x 6m.	lengths		
Brackets and accessories	lot		
SUB TOTAL (A)	100		
B) LABOR COST	QI	JANTITY	
-, · · · · · · · · · · · · · · · ·	No. Personnel	Total Hours	
Foreman			
Skilled Worker			
Laborers			
SUB - TOTAL (B)	•		
C. EQUIPMENT COST	QI	JANTITY	
	No. of Equipt.	Total Hours	
D. TOTAL DIRECT COST (A+B+C) E. ADD INDIRECT COST 1. OCM 2. Contractor's Profit 3. 5% VAT			
		TOTAL COST (D+E) UNIT COST	228,576.39
JOB : College of Business and Management PAY ITEMS : IX Electrical Works COST SHEET ID : IX.2 Panel Board QUANTITY : 1.00 lot	Hot & Cold Kitchen Cor	UNIT COST	228,576.39
PAY ITEMS : IX Electrical Works	Hot & Cold Kitchen Cor UNIT	UNIT COST	228,576.39 Sub Total
PAY ITEMS : IX Electrical Works COST SHEET ID : IX.2 Panel Board QUANTITY : 1.00 lot		UNIT COST nplex	
PAY ITEMS : IX Electrical Works COST SHEET ID : IX.2 Panel Board QUANTITY : 1.00 lot A) MATERIALS : COST/UNIT	UNIT	UNIT COST nplex	
PAY ITEMS : IX Electrical Works COST SHEET ID : IX.2 Panel Board QUANTITY : 1.00 lot A) MATERIALS : COST/UNIT Main Distribution Panel: 100A, 3P, 240V, Main Circuit Breaker Branches: 4- 40A,2P; 4- 30A,2P; 7-20A,2P	UNIT	UNIT COST nplex	
PAY ITEMS: IX Electrical Works COST SHEET ID: IX.2 Panel Board QUANTITY: 1.00 lot A) MATERIALS: COST/UNIT Main Distribution Panel: 100A, 3P, 240V, Main Circuit Breaker Branches: 4- 40A,2P; 4- 30A,2P; 7-20A,2P 22.0 mm2 THHN copper wire	UNIT set m.	UNIT COST nplex	
PAY ITEMS : IX Electrical Works COST SHEET ID : IX.2 Panel Board QUANTITY : 1.00 lot A) MATERIALS : COST/UNIT Main Distribution Panel: 100A, 3P, 240V, Main Circuit Breaker Branches: 4- 40A,2P; 4- 30A,2P; 7-20A,2P 22.0 mm2 THHN copper wire Electrical tape Big	UNIT set	UNIT COST nplex	
PAY ITEMS : IX Electrical Works COST SHEET ID : IX.2 Panel Board QUANTITY : 1.00 lot A) MATERIALS : COST/UNIT Main Distribution Panel: 100A, 3P, 240V, Main Circuit Breaker Branches: 4- 40A,2P; 4- 30A,2P; 7-20A,2P 22.0 mm2 THHN copper wire Electrical tape Big SUB - TOTAL (A)	UNIT set m. Rolls	UNIT COST nplex QUANTITY	
PAY ITEMS : IX Electrical Works COST SHEET ID : IX.2 Panel Board QUANTITY : 1.00 lot A) MATERIALS : COST/UNIT Main Distribution Panel: 100A, 3P, 240V, Main Circuit Breaker Branches: 4- 40A,2P; 4- 30A,2P; 7-20A,2P 22.0 mm2 THHN copper wire Electrical tape Big	UNIT set m. Rolls	UNIT COST mplex QUANTITY JANTITY	
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PAY ITEMS : IX Electrical Works COST SHEET ID : IX.2 Panel Board QUANTITY : 1.00 lot A) MATERIALS : COST/UNIT Main Distribution Panel: 100A, 3P, 240V, Main Circuit Breaker Branches: 4- 40A,2P; 4- 30A,2P; 7-20A,2P 22.0 mm2 THHN copper wire Electrical tape Big SUB - TOTAL (A) B) LABOR COST Electrician Laborer	UNIT set m. Rolls	UNIT COST mplex QUANTITY JANTITY	
PAY ITEMS : IX Electrical Works COST SHEET ID : IX.2 Panel Board QUANTITY : 1.00 lot A) MATERIALS : COST/UNIT Main Distribution Panel: 100A, 3P, 240V, Main Circuit Breaker Branches: 4- 40A,2P; 4- 30A,2P; 7-20A,2P 22.0 mm2 THHN copper wire Electrical tape Big SUB - TOTAL (A) B) LABOR COST Electrician Laborer SUB - TOTAL (B)	WNIT set m. Rolls Quality No. Personnel	QUANTITY JANTITY Total Hours	
PAY ITEMS : IX Electrical Works COST SHEET ID : IX.2 Panel Board QUANTITY : 1.00 lot A) MATERIALS : COST/UNIT Main Distribution Panel: 100A, 3P, 240V, Main Circuit Breaker Branches: 4- 40A,2P; 4- 30A,2P; 7-20A,2P 22.0 mm2 THHN copper wire Electrical tape Big SUB - TOTAL (A) B) LABOR COST Electrician Laborer	UNIT set m. Rolls QI No. Personnel	UNIT COST mplex QUANTITY JANTITY Total Hours	
PAY ITEMS : IX Electrical Works COST SHEET ID : IX.2 Panel Board QUANTITY : 1.00 lot A) MATERIALS : COST/UNIT Main Distribution Panel: 100A, 3P, 240V, Main Circuit Breaker Branches: 4- 40A,2P; 4- 30A,2P; 7-20A,2P 22.0 mm2 THHN copper wire Electrical tape Big SUB - TOTAL (A) B) LABOR COST Electrician Laborer SUB - TOTAL (B)	WNIT set m. Rolls Quality No. Personnel	QUANTITY JANTITY Total Hours	
PAY ITEMS : IX Electrical Works COST SHEET ID : IX.2 Panel Board QUANTITY : 1.00 lot A) MATERIALS : COST/UNIT Main Distribution Panel: 100A, 3P, 240V, Main Circuit Breaker Branches: 4- 40A,2P; 4- 30A,2P; 7-20A,2P 22.0 mm2 THHN copper wire Electrical tape Big SUB - TOTAL (A) B) LABOR COST Electrician Laborer SUB - TOTAL (B) C. EQUIPMENT COST	UNIT set m. Rolls QI No. Personnel	UNIT COST mplex QUANTITY JANTITY Total Hours	
PAY ITEMS : IX Electrical Works COST SHEET ID : IX.2 Panel Board QUANTITY : 1.00 lot A) MATERIALS : COST/UNIT Main Distribution Panel: 100A, 3P, 240V, Main Circuit Breaker Branches: 4- 40A,2P; 4- 30A,2P; 7-20A,2P 22.0 mm2 THHN copper wire Electrical tape Big SUB - TOTAL (A) B) LABOR COST Electrician Laborer SUB - TOTAL (B) C. EQUIPMENT COST	UNIT set m. Rolls QI No. Personnel	UNIT COST mplex QUANTITY JANTITY Total Hours	
PAY ITEMS : IX Electrical Works COST SHEET ID : IX.2 Panel Board QUANTITY : 1.00 lot A) MATERIALS : COST/UNIT Main Distribution Panel: 100A, 3P, 240V, Main Circuit Breaker Branches: 4- 40A,2P; 4- 30A,2P; 7-20A,2P 22.0 mm2 THHN copper wire Electrical tape Big SUB - TOTAL (A) B) LABOR COST Electrician Laborer SUB - TOTAL (B) C. EQUIPMENT COST	UNIT set m. Rolls QI No. Personnel	UNIT COST mplex QUANTITY JANTITY Total Hours	
PAY ITEMS : IX Electrical Works COST SHEET ID : IX.2 Panel Board QUANTITY : 1.00 lot A) MATERIALS : COST/UNIT Main Distribution Panel: 100A, 3P, 240V, Main Circuit Breaker Branches: 4- 40A,2P; 4- 30A,2P; 7-20A,2P 22.0 mm2 THHN copper wire Electrical tape Big SUB - TOTAL (A) B) LABOR COST Electrician Laborer SUB - TOTAL (B) C. EQUIPMENT COST SUB - TOTAL (C) D. TOTAL DIRECT COST (A+B+C) E. ADD INDIRECT COST 1. OCM Contractor's Profit	UNIT set m. Rolls QI No. Personnel	UNIT COST mplex QUANTITY JANTITY Total Hours	

JOB College of Business and Management Hot & Cold Kitchen Complex

IX IX.3 PAY ITEMS **Electrical Works**

Exhaust fans/Vents/Hoods and Ductings COST SHEET ID

QUANTITY 1.00 lot

A) MATERIALS : CO	OST/UNIT	UNIT	QUANTITY	Sub Total
Ventillation Fans	Steel blades, auto shut off louvers	units		
	16" Industrial Type, wall mounted			
Ventillation Fans	Steel blades, auto shut off louvers			
	12" Industrial Type, wall mounted			
Exhaust Fans	Heavy duty, ceiling type, 12"	units		
	high airflow rate per hour			
Fume Hoods	Island counter type, (Hot=12, Cold=4)	units		
	complete accessories, 150mm dia. Ducting			
	90cm islans hood, stainless steel, 3 speed,			
	900 m3/h max. air capacity, 150mm dia.			
	W900mm x D600mm x (H600-1200mm)			
Wiring Devices:				
2- gang switch		sets		
Wires & Cables:				
3.5 mm ² THHN co		roll		
5.5 mm² THHN co		m		
Conduits, Boxes, El	bows, Others:			
Utility box		pcs.		
Junction Box w/ c		pcs.		
6" dia. uPVC Pipe	Series 1000	lengths		
40 mm² Ø PVC (co	nduit)	lengths		
Hangers	1/4" x 1 1/2" x 1 1/2" angle bars	lot		
Welding rod		kgs.		
Vent Tube	Aluminum foil 150mm dia. X 2m.	pcs.		
	w/ accessories, clips			
PVC Solvent Cerr	nent- 100 CC	can		
Consumbales and	daccessories	lot		
SUB TOTAL (A)				
B) LABOR COST		QU	JANTITY	•
		No. Personnel	Total Hours	
Foreman				
Skilled Worker				
Laborers				
SUB - TOTAL (B)				
C. EQUIPMENT CO	ST		JANTITY	
		No. of Equipt.	Total Hours	
Welding Machine			1	
SUB - TOTAL (C)				
D. TOTAL DIRECT C	OST (A+B+C)			
	0.07			
E. ADD INDIRECT C				
	1. OCM			
	2. Contractor's Profit 3 5% VAT			

5% VAT

TOTAL COST (D+E) 1,354,725.49

UNIT COST

College of Business and Management Hot & Cold Kitchen Complex

X Stainless Steel Cover plates
X.1 Stainless Steel Cover plates PAY ITEMS COST SHEET ID

1.00 lot QUANTITY

A) MATERIALS : COST/UNIT	UNIT	QUANTITY	Sub Total
Stainless Steel Checkered plate, 1.5mm x 4' x 8'	lengths		
Cutting Disks	lot		
Welding rod	lot		
Accessoriesand Consumables	lot		
SUB TOTAL (A)			
B) LABOR COST	QI	JANTITY	_
	No. Personnel	Total Hours	
Foreman			
Skilled Worker			
Laborers			
SUB - TOTAL (B)			•

C. EQUIPMENT COST		ANTITY	
	No. of Equipt.	Total Hours	
Welding Machine	1		
SUB - TOTAL (C)			
D. TOTAL DIRECT COST (A+B+C)			
E. ADD INDIRECT COST			
1. OCM			
2. Contractor's Profit			
3. 5% VAT			
		TOTAL COST (D+E)	88,207.35
		UNIT COST	
	2.0.111111.10		
JOB : College of Business and Management Hot 8	& Cold Kitchen Comp	olex	
PAY ITEMS : XI Gas Pipes and Fittings			
COST SHEET ID : XI.1 Gas Pipes and Fittings			
QUANTITY: 1.00 lot			
Design for 2x2 LPG Tank per station (Tall tank, capacity of 50kg)		0	
A) MATERIALS : COST/UNIT	UNIT	QUANTITY	Sub Total
Black Iron pipe, 1" x 6m. Schedule 40 Seamless	lengths		
Gas Gate Valve, brass (Kitz Equivalent)	pcs.		
Gas Meter	pcs.		
Alarm Leak Indicator, Auto shut off	pcs.		
B.I. welded 90 degree elbow, 1" Schedule 40	pcs.		
B.I. welded Tee, 1" Schedule 40			
Heavy duty hose, 1.2m w/ accessories	sets		
Rubber hose with LPG regulator	sets		
LPG Tank, 50kg capacity	tanks		
LPG Covered shed type, metal frame with GI. Sheet roof	lot		
Consumab;es Valves and connectors	lot		
SUB TOTAL (A)			
B) LABOR COST		ANTITY	•
	No. Personnel	Total Hours	
Foreman			
Skilled Worker			
Laborers			
SUB - TOTAL (B)	I		
C. EQUIPMENT COST		NTITY	
	No. of Equipt.	Total Hours	
Welding Machine	1		
SUB - TOTAL (C)			
D. TOTAL DIRECT COST (A+B+C)			
5. ADD WD DEGT 0007			
E. ADD INDIRECT COST			
1. OCM			
2. Contractor's Profit			
3. 5% VAT			
		TOTAL COST (D+E)	231,188.27
		UNIT COST	
JOB : College of Business and Management Hot 8	& Cold Kitchen Comp	olex	
PAY ITEMS : XII Work Station Tables			
COST SHEET ID : XII.1 Stainless Steel Prep Tabl	e and Sink		
QUANTITY : 1.00 lot			
Stainless preparation table			
A) MATERIALS : COST/UNIT	UNIT	QUANTITY	Sub Total
Stainless Table 1.50m x 0.70m x 0.85m, SS 304	units		
with top and bottom layer, 4 legs	1		
(existing hot = 12, cold =5)			
Stainless Sink counter 0.60 x 0.60 x 0.85m h, 4 legs	units		
SS 304, undermount, complete fittings	ļ		
SUB TOTAL (A)			
B) LABOR COST		ANTITY	ı
_	No. Personnel	Total Hours	
Foreman	1		
Skilled Worker	1		
Laborers	<u> </u>		
SUB - TOTAL (B)			

C. EQUIPMENT COST		JANITTY	I
	No. of Equipt.	Total Hours	1
CLID TOTAL (C)			<u>. </u>
SUB - TOTAL (C) D. TOTAL DIRECT COST (A+B+C)			
D. TOTAL DIRECT COST (A+B+C)			
E. ADD INDIRECT COST			
1. OCM			
2. Contractor's Profit			
3. 5% VAT			
<u> </u>			
		TOTAL COST (D+E)	292,031.25
		UNIT COST	,
JOB : College of Business and Management Hot	& Cold Kitchen Cor	nplex	
PAY ITEMS : XIII. Rehabilitation for Cafe	teria		
COST SHEET ID : XIII.1 Demolition works			
QUANTITY : 1.00 lot			
Demolition of walls at electrical panel area, plumbing line and ventil	lation areas		
A) MATERIALS : COST/UNIT	UNIT	QUANTITY	Sub Total
SUB - TOTAL (A)			
2) 1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	1 0	IANITITY	
B) LABOR COST		JANTITY	İ
Foreman	No. Personnel	Total Hours	
Foreman			İ
Skilled worker Laborer			İ
SUB - TOTAL (B)			
C. EQUIPMENT COST	OL	JANTITY	
o. Egon MENT 6651	No. of Equipt.	Total Hours	I
	1101 01 290.00.		
SUB - TOTAL (C)	L		
D. TOTAL DIRECT COST (A+B+C)			
E. ADD INDIRECT COST			
1. OCM			
2. Contractor's Profit			
3. 5% VAT			
		TOTAL COST (D+E)	2,048.97
	0.0.1110110	UNIT COST	
JOB : College of Business and Management Hot		npiex	
PAY ITEMS : XIII. Rehabilitation for Cafet COST SHEET ID : XIII.2 Concrete Works	eria		
QUANTITY : 1.00 lot			
Repair of Concrete walls for electrical, plumbing and ventillations			
A) MATERIALS : COST/UNIT	UNIT	QUANTITY	Sub Total
Portland cement	bags	ζον	000.000.
Washed Sand	cu.m.		I
Gravel	cu.m.		
	cu.m.		
Deformed bars 10mmØ Tie wires			
Deformed bars 10mmØ	cu.m. Inght		
Deformed bars 10mmØ Tie wires	cu.m. Inght kls.		
Deformed bars 10mmØ Tie wires Formworks	cu.m. Inght kls. Iot	JANTITY	
Deformed bars 10mmØ Tie wires Formworks SUB TOTAL (A)	cu.m. Inght kls. Iot	JANTITY Total Hours	
Deformed bars 10mmØ Tie wires Formworks SUB TOTAL (A)	cu.m. Inght kls. Iot		
Deformed bars 10mmØ Tie wires Formworks SUB TOTAL (A) B) LABOR COST Foreman Skilled Worker	cu.m. Inght kls. Iot		
Deformed bars 10mmØ Tie wires Formworks SUB TOTAL (A) B) LABOR COST Foreman Skilled Worker Laborer	cu.m. Inght kls. Iot		
Deformed bars 10mmØ Tie wires Formworks SUB TOTAL (A) B) LABOR COST Foreman Skilled Worker Laborer SUB - TOTAL (B)	cu.m. Inght kls. lot QI No. Personnel	Total Hours	
Deformed bars 10mmØ Tie wires Formworks SUB TOTAL (A) B) LABOR COST Foreman Skilled Worker Laborer	cu.m. Inght kls. lot QI No. Personnel	Total Hours JANTITY	
Deformed bars 10mmØ Tie wires Formworks SUB TOTAL (A) B) LABOR COST Foreman Skilled Worker Laborer SUB - TOTAL (B)	cu.m. Inght kls. lot QI No. Personnel	Total Hours	
Deformed bars 10mmØ Tie wires Formworks SUB TOTAL (A) B) LABOR COST Foreman Skilled Worker Laborer SUB - TOTAL (B) C. EQUIPMENT COST	cu.m. Inght kls. lot QI No. Personnel	Total Hours JANTITY	
Deformed bars 10mmØ Tie wires Formworks SUB TOTAL (A) B) LABOR COST Foreman Skilled Worker Laborer SUB - TOTAL (B) C. EQUIPMENT COST	cu.m. Inght kls. lot QI No. Personnel	Total Hours JANTITY	
Deformed bars 10mmØ Tie wires Formworks SUB TOTAL (A) B) LABOR COST Foreman Skilled Worker Laborer SUB - TOTAL (B) C. EQUIPMENT COST	cu.m. Inght kls. lot QI No. Personnel	Total Hours JANTITY	

	1.	OCM				
	2.	Contractor's Profit				
	3.	5% VAT				
				TOTAL COST (D+E)		5,389.28
				UNIT COST		3,5555
JOB	: College of Busine	ess and Management Hot	t & Cold Kitchen Cor	nplex		
PAY ITEMS	: XIII.	Rehabilitation for Cafet	teria			
COST SHEET ID	: XIII.3	Doors				
QUANTITY		Olot				
A) MATERIALS : C		on anodized aluminum f	UNIT	QUANTITY	uaea)	Sub Total
	clear glass doors comple	te with	sets	QUANTITY		Sub Total
accessories and h		te with	3013			
SUB - TOTAL (A)			L	L.		
B) LABOR COST				JANTITY		
			No. Personnel	Total Hours		
Foreman						
Skilled Worker Laborer						I
SUB - TOTAL (B)						
C. EQUIPMENT CO	OST		Ql	JANTITY		
			No. of Equipt.	Total Hours	1	
SUB - TOTAL (C)						
D. TOTAL DIRECT	COST (A+B+C)					
E ADD INDIDECT	T202					
E. ADD INDIRECT (ОСМ				
	1. 2.	Contractor's Profit				
	3.	5% VAT				
				TOTAL COST (D+E)		6,300.00
				UNIT COST		
JOB		ess and Management Hot		nplex		
PAY ITEMS	: XIII.	Rehabilitation for Cafet	teria			
COST SHEET ID QUANTITY	: XIII.4	Windows O lot				
-		uminum frame (Labor cos	t included for remov	(al and replacement)		
A) MATERIALS : C			UNIT	QUANTITY		Sub Total
	m. Sliding glass window,	clear glass	sets			
on 100 mm Anodi	zed aluminum frame, co	mplete				
	ories and hardwares					
	m, Awning glass window,	-	sets			
	zed aluminum frame, cor	nplete				
	ories and hardwares ow 1.80m.x0.90m., clear	alace on	sets			
	aluminum frame, compl		3613			
	ories and hardwares					
	luminum window screen		sets			
1.95m.x0.90m., al	luminum window screen		sets			
Items not include	d but necessary		lot			
SUB - TOTAL (A)					1	
B) LABOR COST				JANTITY	4	I
Foreman			No. Personnel	Total Hours		
Skilled						
Laborer					!	1
SUB - TOTAL (B)					<u> </u>	
C. EQUIPMENT CO	OST			JANTITY		
			No. of Equipt.	Total Hours		
CLID TOTAL (C)				1		1
SUB - TOTAL (C)	COST (A+P+C)					
D. TOTAL DIRECT	COST (ATDTC)					
E. ADD INDIRECT (COST					
	1.	ОСМ				
	2.	Contractor's Profit				
	3.	5% VAT				
				TOTAL COST (D+E)		114,830.63
				UNIT COST		

E. ADD INDIRECT COST

JOB College of Business and Management Hot & Cold Kitchen Complex **PAY ITEMS** XIII. Rehabilitation for Cafeteria **COST SHEET ID** XIII.5 **Electrical Works** QUANTITY lot A) MATERIALS: COST/UNIT UNIT QUANTITY Sub Total Main Distribution Panel: set 100A, 3P, 240V, Main Circuit Breaker Branches: 2-40A,2P; 2-30A,2P; 7-20A,2P 28W LED Flourescent Lamp T-5 w/ 2x4 commercial recessed sets casing w/ holder, with aluminum reflector 6" dia. recessed type downlight, 20W CFL w/ acrylic diffuser set 22.0 mm2 THHN copper wire m. 3.5 mm2 THHN copper wire m. Duplex convenience outlet set Wall Fan Re-install set LED, 2 bulbs, Long operational hours sets **Emergency light** Exhaust fan 12"x 12" Heavy duty, high air flow sets Electrical tape Big Rolls SUB - TOTAL (A) B) LABOR COST QUANTITY No. Personnel **Total Hours** Foreman **Flectrician** Laborer SUB - TOTAL (B) C. EQUIPMENT COST QUANTITY No. of Equipt **Total Hours** SUB - TOTAL (C) D. TOTAL DIRECT COST (A+B+C) E. ADD INDIRECT COST OCM 1. Contractor's Profit 2. 3. 5% VAT TOTAL COST (D+E) 61,921.76 **UNIT COST** JOB College of Business and Management Hot & Cold Kitchen Complex **PAY ITEMS** XIII Rehabilitation for Cafeteria COST SHEET ID XIII.6.1 Water Supply Lines and Fittings QUANTITY 1.00 lot Installation of Sanitary pipes and fittings A) MATERIALS: COST/UNIT UNIT QUANTITY Sub Total Water supply pipes and fittings 3/4"Ø x3.0m pvc pipe Inght. 1/2"Ø x3.0m pvc pipe Inght. 3/4"Ø Pvc tee pcs. 3/4"x 1/2"Ø reducer pcs. 1/2"Ø Pvc elbow pcs. Flexible hose sets Female plug pcs. Teflon tape roll Goose neck faucet w/ fittings heavy duty sets Gate valve sets Pvc solvent can Consumables lot SUB TOTAL (A) B) LABOR COST QUANTITY No. Personnel **Total Hours** Foreman Plumber Laborer SUB - TOTAL (B) C. EQUIPMENT COST QUANTITY No. of Equipt. **Total Hours**

SUB - TOTAL (C) D. TOTAL DIRECT COST (A+B+C)

E. ADD INDIRECT COST

OCM

Contractor's Profit

TOTAL COST (D+E) 35,761.01 UNIT COST College of Business and Management Hot & Cold Kitchen Complex PAY ITEMS Rehabilitation for Cafeteria XIII COST SHEET ID XIII.6.2 Sanitary Lines and Fittings 1.00 lot QUANTITY Installation of Sanitary pipes and fittings A) MATERIALS: COST/UNIT UNIT QUANTITY Sub Total Sanitary pipes and fittings 3"Ø x3.0m pvc pipe Inght. 2"Ø x3.0m pvc pipe Inght. 3"Ø Pvc elbow pcs. 3"Ø pvc clean out w/ cover pcs. 3"Ø x2"Ø Pvc tee pcs. 2"Ø Pvc elbow x90 deg. pcs. 2"Ø Pvc elbow x45 deg. pcs. 2"Ø Pvc p-trap pcs. Pvc solvent can Pvc sealant lit Consumables lot SUB TOTAL (A) QUANTITY B) LABOR COST No. Personnel Total Hours Foreman Plumber Laborer SUB - TOTAL (B) C. EQUIPMENT COST QUANTITY No. of Equipt. **Total Hours** SUB - TOTAL (C) D. TOTAL DIRECT COST (A+B+C) E. ADD INDIRECT COST OCM 2. Contractor's Profit 3. 5% VAT TOTAL COST (D+E) 17,815.04 UNIT COST

3.

5% VAT