Departi	nent	CEM-ICOPED		
Locatio	n:	SERDAL-ICOPED Room 13 and 14		
Nature	of Work:	Re-Estimated Cost of One (1) Inverter Split Type Air Conditioning Un Materials Including Installation	nit with Supply/Deliv	ery, labor and
Descrip	tion	Replacement of Defective A/C unit to Inverter type		
Qty.	Unit	SPECIFICATION	Estimated Unit Cost	Estimated Total Cost
LATR	CON EO	UIPMENT		
	Water Control of the	Brand new 3.0 TR FULL DC Inverter type Ceiling Cassette Split	*** - ********************************	
		type Air-Conditioning Unit with Rated Cooling Capacity 12,500 -		
1	Set	38,400 KJ/hr, Power Input 685 - 3,550 Watts, 10.8 - 18.2 EER,		
1		Power Supply 230 Volts, 1 Phase 60 Hz., Current 16 Amps,		
		Paring grant (PA10A) Wireless Remote Control		
II. CO	ST OF LA	BOR AND MATERIALS FOR INSTALLATION OF ONE (1) A	/C UNIT	
	antinomy law is a strain and many order many south year with with	A) Provision. Finished Concrete pad Foundation with Steel Frame		
		as ner Drawing		
		B) Layout and Installation of Fabricated Angle Bar 3/16" x 1½"		
		Thickness, Pre-painted Primer Epoxy (gray) for FCU and ACCU		
		C) Chipping and Plastering		
		D) Mounting and Installation of Air Conditioning units FCU and		
		ACCII with Rubber Pad Support		
		E) Layout and Installation of Drainage Pipeline using PVC 3/4"		
		Diameter (Eslon Blue) with Rubber Hose Insullation		
		F) Layout and Installation of Electrical PVC (Neltex) Including	1	
		Power and Transmission Wirings from FCU to ACCU using		
	water and and the Adonatic America	3.5mm² Including Grounding Line.		-
		G) Layout and Termination of Electrical Wiring 5.5mm² with		
		PVC (Neltex) from ACCU to 40 amp. Circuit Breaker NEMA 3r		
		Enclosure (2 meters from ACCU)		
		H) Layout and Installation of Hard Drawn Copper Pipe 5/8" O.D.		
		And %" O.D. Type -L with Rubber Insulation 3/4" thickness from		
		FCU to ACCU including Vinyl tape Insulation  I) Leak Testing and Correction, System Flushing and Vacuuming		
-	-	1) Leak Testing and Contention, System Training and Vaccating	I	
		J) Provision/Metal Cladding of Refrigerant pipe sets, from ACCU		
		to FCU, using Galvanize Iron Guage 0.5mm, as per drawing		
		1"x3"x4" Bending sizes Pre-painted (same as Wall Painted)		
	-	K) Refrigerant Charging and Start Up with Commissioning	-	1 -
		L) Attach Certificate of Warranty		
A SHARK COUNTY STREET,				

BI	REAKDOW	N OF LABOR AND MATERIALS FOR THE INSTALLATION OF ONE (1) UNIT 3.0	TF
		CASSETTE SPELL TYPE AIRCONDITIONING UNIT	-
30	Ft.	PE AND FITTING WITH INSULATIONS  Conner Pine 3/4" O.D. Tyma, I. Hand D.	
30	Ft.	Copper Pipe 3/8" O.D. Type - L Hard Drawn  Copper Pipe 3/8" O.D. Type - L Hard Drawn	
6	Pcs.		
6	Pcs.	Copper Elbow 3/8 " I.D. x 90° Long Radius	
5	Pcs.	Copper Elbow 3/8" LD. x 90° Long Radius Flat Silver Rod 18"	
5	Length		
5	Length	Elastomeric Rubber Insulation 5/8 " I.D. x 3/4" THK x 6'	
3	Rolls	Elastomeric Rubber Insulation %" I.D. x ¾" THK x 6'	
		Polyethelene Vinyl Tape Insulation 4" x 50 meters	
3	Length	Elastomeric Rubber Insullation 1/8" I.D. x 1/2" thk x 6' (for drain line)	
B. El	LECTRICA	L WORK FOR ACCU TO FCU, CONTROL WIRINGS, CONDENSATE DRAIN	
1	Set	Circuit Breaker 40 Amps. 2 pole, Bolt on Type, NEMA 3R Enclosure	
45	Mtrs.	THHN Stranded Wire #3.5 mm <sup>2</sup>	
6	Mtrs.	THHN Stranded Wire #5.5 mm <sup>2</sup>	
2	Length	PVC Pipe ½" dia X 10' (Neltex)	
4	Pcs.	PVC Long Elbow ½" x 90° (Neltex)	
10	Mtrs.	Electrical Flexible Hose ½" dia. (orange)	
2	Pcs.	PVC Adapter ½" with RSC Locknut (Neltex)	
3	Length	PVC Pipe 3/4" dia X 10' (Eslon Blue)	
6	Pcs.	PVC Short Elbow 3/4" dia x 90° (Eslon Blue)	
C. ST	EEL FRAN	ME AND METAL CLADDING SUPPORT FOR ACCU TO FCU	
2	Length	Angle Bar 3/16" x 1 ½" x 20' Feet	
1	Klg.	Welding Rod	
4	Pcs.	Bolt & Nut with Flat/lock Washer 5/16" x 2" long	
8	Pcs.	Threaded Female Expansion Shield ½" I.D x 2" Long Galvanized (DYNA Bolt)	
4	Length	Full Threaded Rod ½" x 1 mtr. With nut/Flat Washer	
1	Sheet	G.I Plain Sheet 4' x 8' guage 0.5mm (for Cladding Materials)	
50	Pcs.	Plastic Tox with Metal Screw (6mm)	
. RE	FRIGERA	NT SYSTEM FLUSHING, LEAK TESTING, VACUUMING, CHARGING	
4	Klgs.	Refrigerant R410A	
. OT	HERS CO	NTINGENCY TO COMPLETE THE INSTALLATION	
1	Lot	Mapp Gas, Welding, Brazing, Cutting, Painting, Bending	
1	LOI	and Consumable Materials, Etc.	
1	Lot	Gravel, Sand, Cement, Corrogated Bar 9.52mm, Water, Etc.	
		(for Concrete Foundation)	