Republic of the Philippines
Philippine Economic Zone Authority

MEZ BIDS AND AWARDS COMMITTEE
Tel. No. 340-0593; www.peza.gov.ph; mez-bac@peza.gov.ph;
mezbac@peza.gov.ph

BID BULLETIN for Project No. PEZA MEZ 2023-005

14 September 2023

Notice is hereby given to all prospective bidders for the project, **Supply, Delivery and Installation of Air Conditioning Units at MEZ Ground Floor Receiving Area of the Lay out Plan as part of the PBD**:

This Bid Bulletin is issued this 14 September 2023, for guidance and information of all concerned.

Very truly yours,

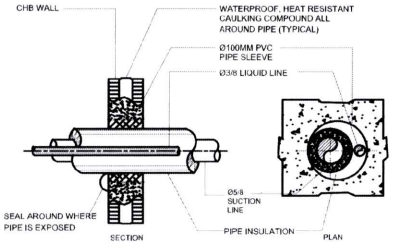
MR. ARNEL M. SUYU
MEZ BAC Chairperson

NOTES:

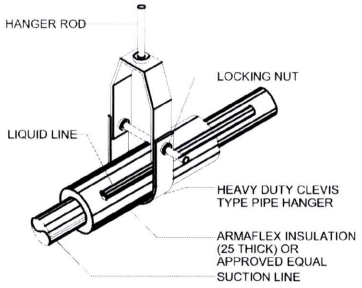
REFRIGERANT PIPE AND RUBBER INSULATION

*REFRIGERANT PIPES SHALL BE HARD DRAWN TYPE M COPPER PIPES FROM FAN COIL UNITS TO THE AC CONDENSING UNIT (OUTDOOR). FITTINGS, CONNECTORS AND OTHER ACCESSORIES SUITABLE FOR COPPER PIPES ARE TO BE USED.

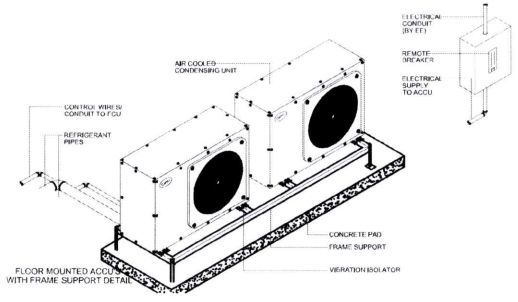
*RUBBER INSULATION WITH APPROPRIATE INNER DIAMETER AND ½ "THICKNESS ARE TO BE USED TO INSULATE THE REFRIGERANT PIPES AND WRAPPED WITH POLYETHYLENE TAPE.



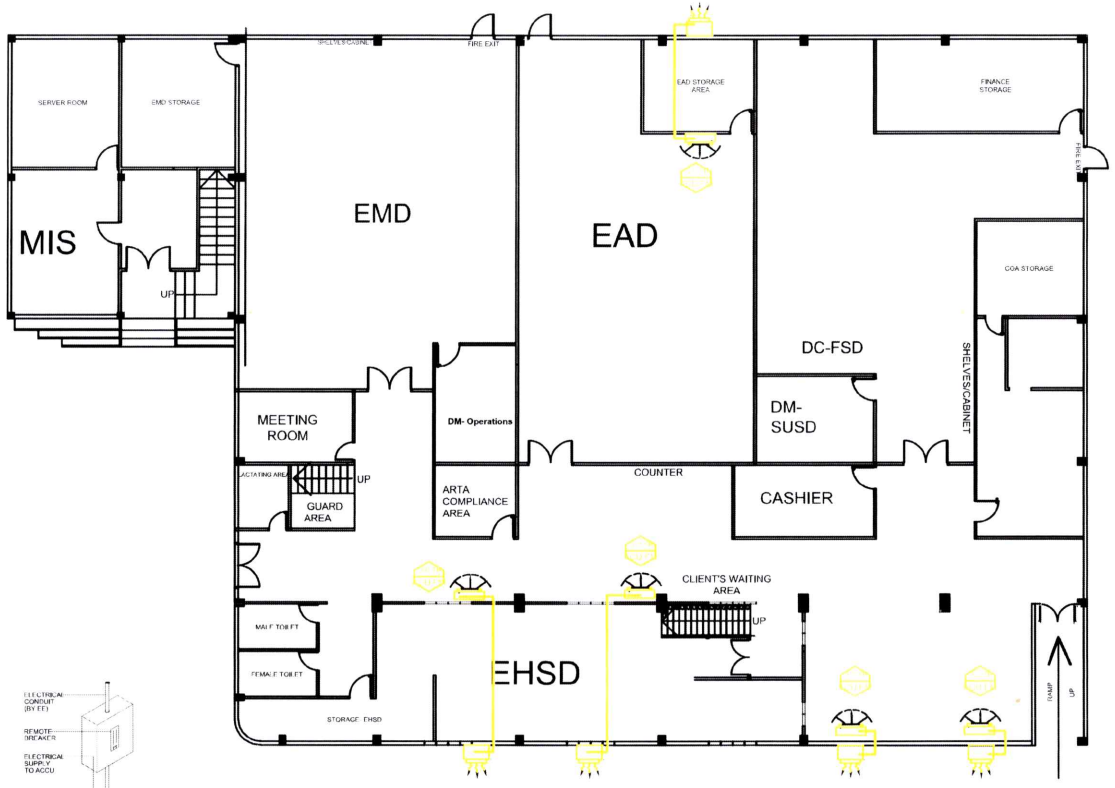
1 ME — REFRIGERANT PIPE THRU WALL DET.



2 ME — REFRIGERANT PIPE HANGER DETAIL



3 — ACCU MOUNTING DETAIL



GF ACU LAYOUT PLAN

SCALE: 1 / 100 M

PHILIPPINE ECONOMIC ZONE AUTHORITY	PROJECT TITLE: SUPPLY, DELIVERY, AND INSTALLATION OF AIR CONDITIONONG UNITS AT MEZ GROUND FLOOR RECEIVING AREA LOCATION:AAI COMPOUND MEZ 1, LAPU-LAPU CITY	PREPARED BY: JD CANDO, MECHANICAL ENGR.	CHECKED BY: LE ESOTO, DC II / CE	RECOMMENDED BY: ARNEL M. SUYU, ZM & OIC-Department Manager,Operations	APPROVED BY: ATTY. ABDULLAH ADEL-KHAN P. ALUG, Zone Administrator for MEZ and AssMng.EZs	SHEET NO. M PAGE 1 1

NOTES:

ELECTRICAL FEEDER AND ENCLOSURE

*WIRES SHALL BE INSULATED WITH PVC (POLYVINYL CHLORIDE), NYLON JACKET TYPE THHN RATED AT 90°C (DRY) AND 75°C (WET), MAXIMUM OF 600 VOLTS AC APPLICATION AND SHALL COMPLY WITH THE PHILIPPINE STANDARDS. ECB ENCLOSURE SHALL BE OF NEMA-3R SWINGING DEAD-FRONT-TYPE WITH COVERS

ELECTRICAL CONDUIT

*PVC ELECTRICAL CONDUITS ARE TO BE USED TO CONNECT FROM THE AC CONDENSING UNITS FROM THE POINT OF ENTRANCE OF THE BUILDING OR WHEREVER IS APPLICABLE TO THE APPROPRIATE CIRCUIT BREAKER AT THE DISTRIBUTION PANEL AND FAN COIL UNIT. FITTINGS, CONNECTORS AND ACCESSORIES SUITABLE FOR ELECTRICAL CONDUITS SPECIFIED ABOVE ARE TO BE USED.

WIRE SIZE FROM MAIN PANEL MDP TP PP-AIRCON HALLWAY PANEL , 60MM2 THHN STRANDED WIRE TO BE USED.

PP-Aircon Hallway

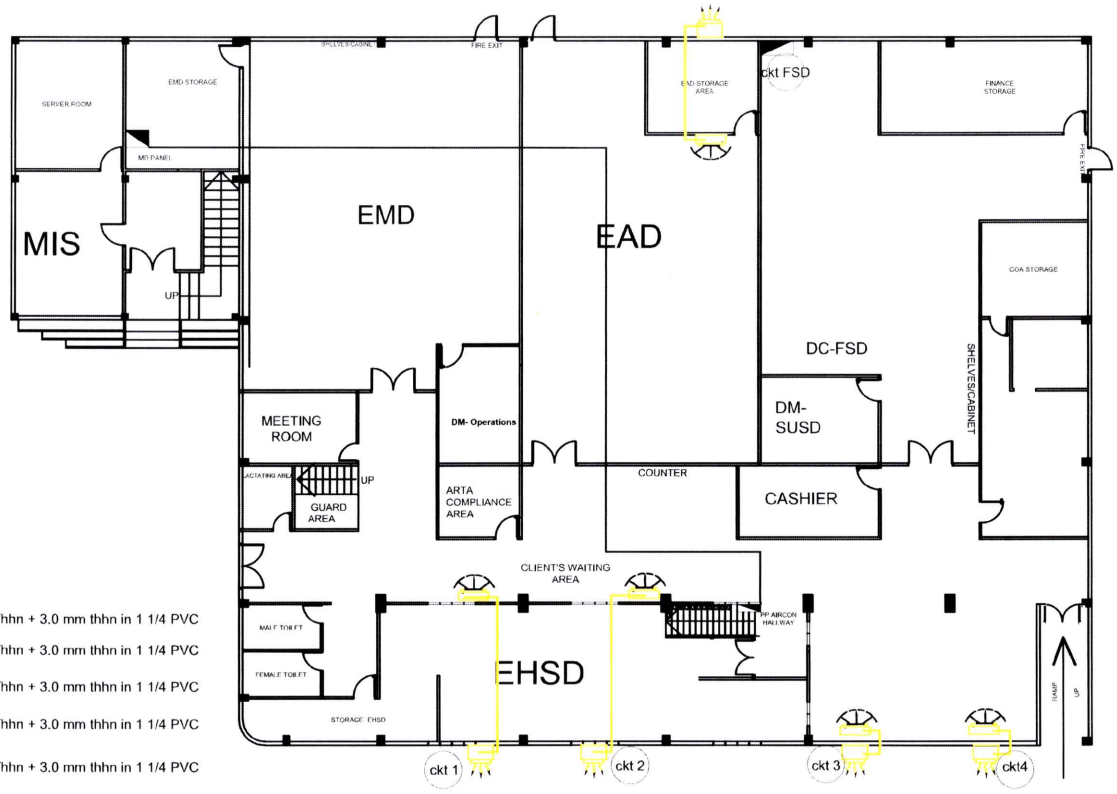
Ckt.	Description	AB	BC	CA	AT	Pole	Wire
1	3 TR (Receiveing area)	31			50	2	2-8.0mm Thhn + 3.0 mm thhn in 1 1/4 PVC
2	3 TR (near EAD)	31			50	2	2-8.0mm Thhn + 3.0 mm thhn in 1 1/4 PVC
3	3 TR (near EHSD)		31		50	2	2-8.0mm Thhn + 3.0 mm thhn in 1 1/4 PVC
4	3 TR (near RAMP)			31	50	2	2-8.0mm Thhn + 3.0 mm thhn in 1 1/4 PVC
5	SPARE				50	2	2-8.0mm Thhn + 3.0 mm thhn in 1 1/4 PVC

Iw = (I3p + Ih x 0.25)D.F
= (62 + 31 x 0.25)0.80
=55.8amps

Icb = (I3p + Ih x 2.0)0.8
Icb = (55.8 + 31 x 2.0) 0.8
=94.24 amps

Use :3 - 60 mm2 THHN + 8.0 THHN GND Use: 150 AT 220v 3ph 60 hz

NOTE: 3 TR (EAD) connect to near FSD Panel Board ACU provided ckt FSD



GF ACU LAYOUT PLAN

SCALE: 1 / 100 M

	PROJECT TITLE:	PREPARED BY:	CHECKED BY:	RECOMMENDED BY:	APPROVED BY:	SHEET NO.
PHILIPPINE ECONOMIC ZONE AUTHORITY	SUPPLY, DELIVERY, AND INSTALLATION OF AIR CONDITIONONG UNITS AT MEZ GROUND FLOOR RECEIVING AREA LOCATION:AAI COMPOUND MEZ 1, LAPU-LAPU CITY	JD CANDO MECHANICAL ENGR	LE ESOTO DC II / CE	ARNEL M. SUYU ZM & OIC-Department Manager,Operations	ATTY. ABDULLAH ADEL-KHAN P. ALUG Zone Administrator for MEZ and VisMin SEZs	E PAGE 1/1