



Republic of the Philippines
Department of Agriculture
AGRICULTURAL TRAINING INSTITUTE

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RECOMMENDATION FOR REPAIR WORKS

March 15, 2022

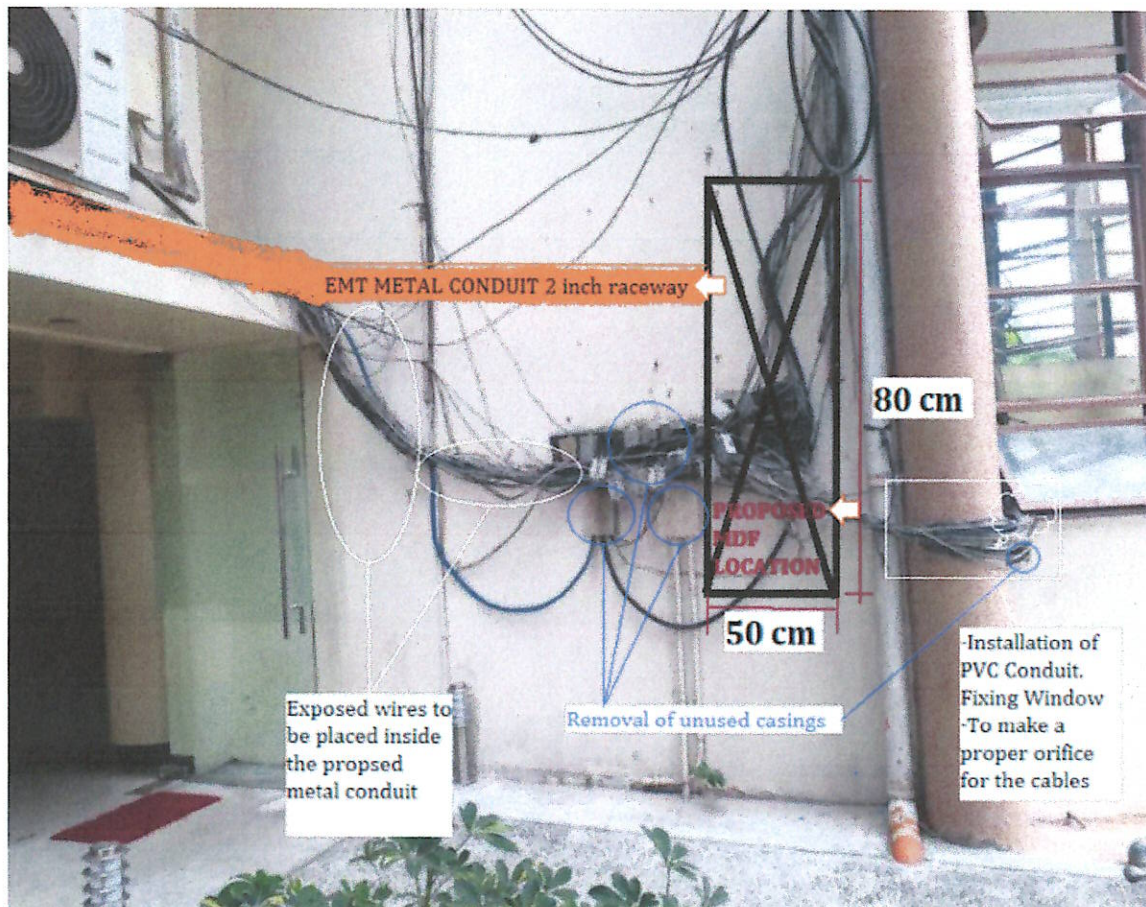
For: **Arlene S. Nilo, CPA**
GSS Head

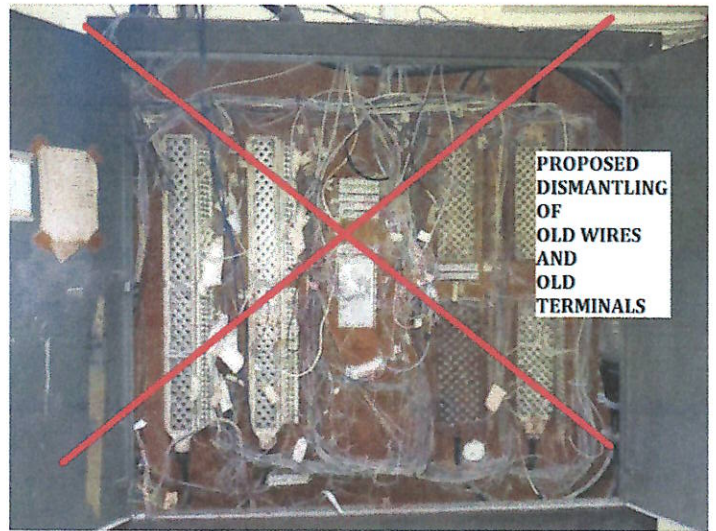
Subject: **TELEPHONE CABLING RECONFIGURATION**

A. Problem/s:

Noticeable untidy lay-outing of telephone and internet wirings outside ATI building, rear side, intertwined active and inactive lines of undetermined use if PLDT or local number lines, outdated Main Distribution Frame and Terminal blocks that cause frequent telephony problems.

B. Photo/s:



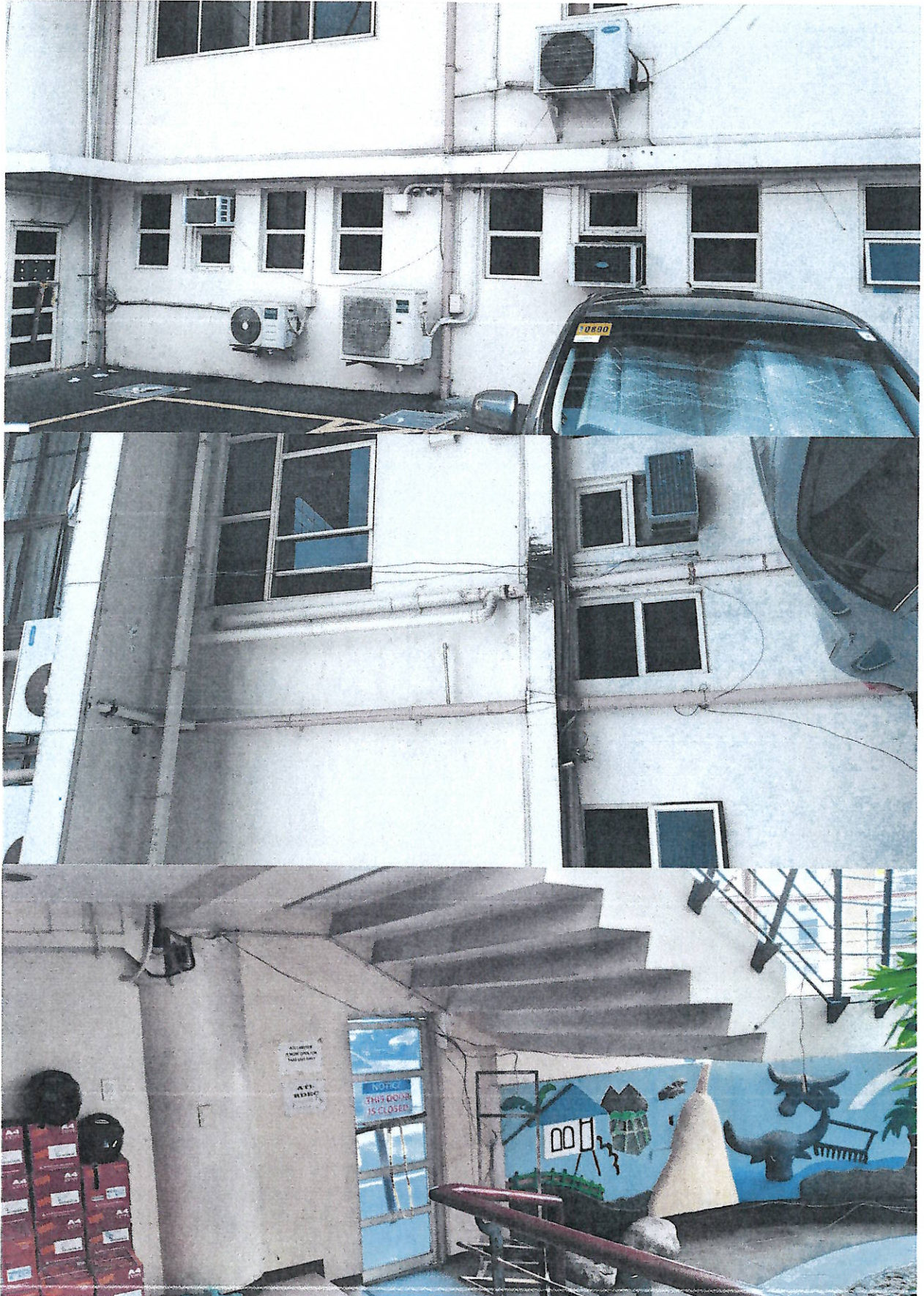


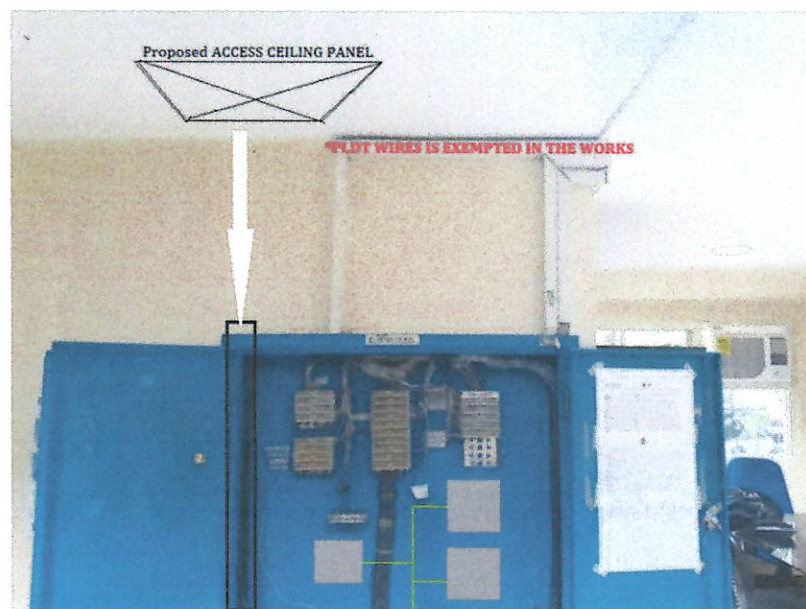
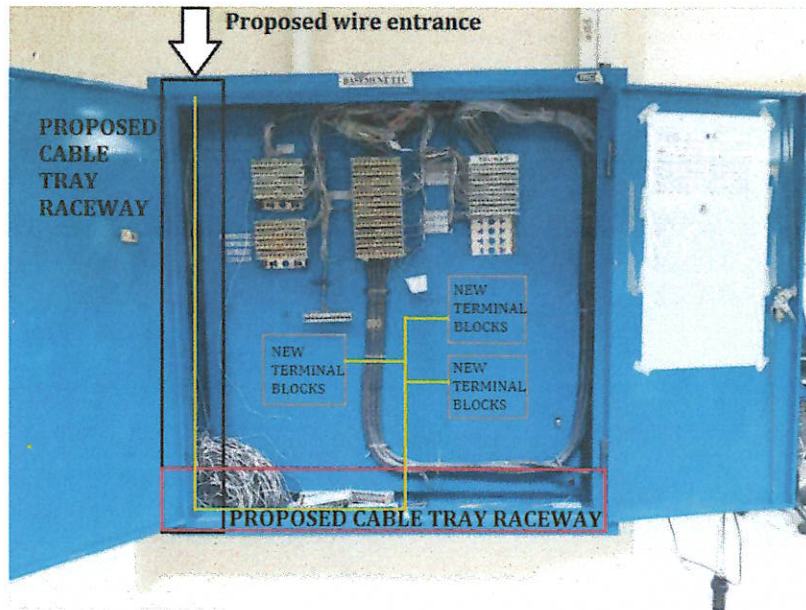


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B. Photo/s:





C. Recommendation/s:


It is highly recommended to take a service provider for technical assistance to perform the required scope of works below for telephone cable reconfiguration

1. Determine which wires are in use. Separate Directline, Fax and UTP cables. Separating PLDT and Local lines.
2. Tracing of dial tone, and any method of tracing communication wires without disruption.
3. Dismantling of the outdated panel board both outside and inside the building.
4. Proper installation of conduit and cabling.
5. Proper tagging of each line for convenient troubleshooting.
6. Disposal of collected debris from work locations.
7. Inventory of all Existing Locals
8. Inventory of all Existing Direct Line
9. Inventory of all Existing Fax Line
10. Tracing the location of locals and wirings
11. Tracing the location of Direct Line
12. Tracing the location of Fax Line

13. Cable Laying 200 run (2 pairs) especially drop wires, HDPE Jacket, sunlight resistant PVC jacketed. Encased in EMT conduit 2 inch diameter
14. Tagging of new jumper wire
15. Tagging of existing jumper wire from MDF
16. Dismantling of old terminals
17. Dismantling of old wires
18. Installation of new Main Distribution Frames for indoor and outdoor complying IP65, NEMA 4, EN60529 with the agreed dimensions of 50cm by 80 cm by 20 cm.
19. Installation of new terminal port
20. Installation of Access Ceiling Panel
21. Testing of all telephone unit twisted pair 0.65mm (22AWG)
22. Hauling of dismantled items *-to be submitted to SMO*
23. Documentation of technical works
24. Restoration works of affected areas

Prepared & Inspected by:



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Electrician


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Engineer I

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For purchase requests