SCOPE OF WORKS FOR P & D, E & M

1. Thank you Sir, Beg your Pardon and request for some time.

2. P & D, should be involved in planning in all works and services related to electrical and mechanical, automation, SCADA, , VFD , plc works. But P & D, is not member of anything. Almost all people thinks P & D, is punishment posting or relaxing posting.

3.

4. Give example of improvement done to other works. Boq of vakurta,  pagla, saidabad corrected.

5. Committee works are not good works. Committee discussion, decisions and actions are not very effective.

6. No connection diagram, line diagram, layout diagram, wiring diagram from FM, , division. Test by looking or using but not testing or no endurance test.

7. Manhole cover test example.

8. SCADA, , VFD plc is not understood by engineers and vendors properly.

9. Inspection committee work is not effective because we can not guide beforw the works.

10. People are trying to keep our of the work loop of dhaka wasa Internationally or unwillingly

11. P & D, E & M can increase effective planning and efficient designing and specifications will be better for purchased goods.

12. Quality control can also be implemented after works inspection and increase effective planning in future. Currently feedbacks are not acted upon.

13. P & D, (E & M) is not Connected - Data collection. Analysis. Decision Making. Recommendation for Action.

14. Good mechanical and electrical engineers can   reduce wastage and reduce cost if posted at P & D, E & M and kept in working loop. P & D, should be a division with many experts with authority and safety.

15. Generators, Meters, Sensors, SCADA, , VFD , PLC WORKS SMART I0T devices can not be maintained properly by civil engineers or non technical people or people busy in non engineering works.

16. No division can do car repair and maintaining estimate properly. Also they may not do complex E & M works properly.

17. Civil engineers and non technical people can not do E & M works properly. Or they are busy with other office works or lazy or biased. P & D, has the job and time to study and give theories to improve. Unlike FM, , who works and then judge by small duration performance.

18. People many times does not use international standard. They are too busy working, they have no time to improve.

19. Sometimes work spec and boq get biased by bidders.

20. Solar works examples. 3 times more spending and not proper design at padma. And 1 MW power spending example. Fire Safety or safety at stairs or open corridors.

21. Lifts/ Elevators  and Air-conditioning system planning,  design and spec.

22. Generator works only Inspections,  that is not effective.

23. We can help to make wasa works better, if properly  used. Need good engineers posted at p&d.

24. People don’t want to be rectified. People shows disrespect, so P & D, people should be ranked high. People without support of authority cannot work properly.

25. Once the standerds are set, everything will be smooth in future. Knowledge Management should be the business of P&D.

26. Even if everything is ok,  P & D, shouls be in the loop. That is the job and the way to innovate.

27. I am very passionate and dedicated to work in the field of EEE, CSE, ME, SCADA, , IoT.

28. Data collection and Data analysis and Data processing and Data to useful information and Feedback data from actions and planning for future actions - P & D, should be a part. Recommendations from various experts of P & D, should be considered by Dhaka WASA top management, regarding related works.

29. Vehicle committee needs some help from MD sir. Regular meetings needed.