

**Minutes of Site Visit**  
**Supply, Installation, Testing & Commissioning of 500KVA Stand by Diesel Generating Set**

**Meeting date & time:**

Friday, October 22, 2021, at 3:00 pm

**Venue:**

Boys Hostel IBA Main Campus, Karachi

**Meeting Participants:**

- Manager Contracts (Project) – IBA
- Project Engineer – IBA
- M/s Jaffer Brother Private Limited
- M/s S.M Jaffer & Co.
- M/s MIA Energy (Pvt) Ltd
- M/s Synergy Corporation
- M/s Orient Energy Systems (Pvt) Limited

**Agenda:**

Site visit of Supply, Installation, Testing & Commissioning of 500KVA Stand by Diesel Generating vide tender # Project/02/21-22

**Conclusive Summary of the meeting:**

The Participants were explained by the Sr. Manager Contracts (Project):

1. As the DG is a standby and built-in tank is available then day tank is not required and may be deleted to minimize the cost.
2. Special tools are not an OM requirement and hence may be dropped to cut cost.
3. Digital Meter is fine.
4. A PMG system is more expensive than a shunt or auxiliary system, it also increases the alternators weight and length. The advantage from the PMG is that the power to the AVR is kept near constant, allowing the AVR to quickly recover the voltage of the AC generator back to its nominal preset value.
5. Diagnostic training would require software and naturally add cost of the unit hence may be avoided.