



24th November 2023

RFP23-5933 - Supply and Installation of New Back Up Generator-500KVA

Clarifications to questions:

1. The generator main isolator/switch with its controller should be towards the entrance given that the cable trench is located near the door and the generator exhaust should be towards the rear of the building.

No, the radiator is located at the front doors hence the circuit breaker and controller will be at the back. We have allowed for metal ducting (350mm wide x 150mm depth) from the controller location towards the trench.

2. On the wall marked with the 3 X's should have vent fans given that prolonged running of the 500kva genset will circulate a lot of heat and the vent fans to act as an emergency option.

Noted. Tenderers shall supply and installation of three exhaust fans system with temperature sensor switch to turn on the fans. This works including penetration opening for the exhaust fans, opening frames and make good of building walls. Attached is the revised summary of tender and tender drawings.

3. Who will install the ATS inside the MSB? The MSB supplier or we the generator supplier??If we will do the ATS installation. Will all the busbar works done in the MSB or we should allow for it.

ATS by the generator supplier. The main switchboard supplier (CBS) will install the ATS and mains cabling inside the switchboard and at the generator. The generator supplier shall allow and provide supervision on the installation of ATS and cable terminations between the generator and the ATS.

4. Is there any specific brand of generator that you wish for us to quote for? If not, we can recommend.

FG Wilson, Caterpillar (CAT), Cummins, Perkins or approved equivalent. All proposed generators shall be AS/NZ standards.

5. Are there any specific coating requirements for the generator?

Generators are anti-rust and resistance to Fiji's natural conditions. Tenderers to ensure that the generators are manufacture anti-rust painted and not painted locally.

6. In the scope, the electrical works is not very clear. For example, who will do the cabling works from generator to switchboard, cable termination to genset and switchboard and to ATS.

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7. Please confirm who will supply the cable from Generator to Switchboard?

CBS will supply and install the cables from generator to Main Switch Board

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