

Surface HV Switchrooms, Switchgear and Distribution Boards (P017)

This package is for the selection, design, supply, manufacture, delivery, commissioning and acceptance testing for the Surface Switchrooms, Switchgear and Distribution Boards to be installed at the OZ Minerals Prominent Hill mine.

The Scope of Supply may be awarded in several packages, and includes, but is not necessarily limited to, the following:

1. Surface packaged switchrooms:

- Overland Conveyor Switchroom - 1 off
- Shaft Area Switchroom - 1 off
- VR4A Refrigeration Plant LV Switchroom - 1 off
- VR4A Refrigeration Plant HV Switchroom - 1 off
- Hoisting Shaft Refrigeration Plant LV Switchroom - 1 off
- Hoisting Shaft Refrigeration Plant HV Switchroom - 1 off

2. Low Voltage MCCs:

- Overland Conveyor MCC - 1 off
- Shaft Area MCC - 1 off
- VR4A Refrigeration Plant 415V Motor Control Centre - 1 off
- Hoisting Shaft Refrigeration Plant 415V Motor Control Centre - 1 off

3. HV Switchboard:

- VR4A Refrigeration Plant HV Switchboard - 1 off
- Hoisting Shaft Refrigeration Plant HV Switchboard - 1 off

4. Installation of free issued Equipment that will be free issued for the Contractor to install into the switchrooms:

- VR4A Refrigeration Plant Machine No. 1 Compressor HV VSD - 1 off
- VR4A Refrigeration Plant Machine No. 2 Compressor HV VSD - 1 off
- VR4A Refrigeration Plant Machine No. 3 Compressor HV VSD - 1 off
- Hoisting Shaft Local Refrigeration Plant Machine No. 1 Compressor HV VSD - 1 off
- Hoisting Shaft Local Refrigeration Plant Machine No. 2 Compressor HV VSD - 1 off
- Hoisting Shaft Local Refrigeration Plant Machine No. 3 Compressor HV VSD - 1 off

5. Enclosures specified in the datasheets to be installed in the switchrooms.

6. Transportation to site of the substation and associated equipment, complete and assembled. The substation, including switchroom, MCC, principal supplied items and all internal equipment shall be shipped complete in one unit, fully assembled and tested. External components such as air conditioning outdoor units to be shipped in suitable packaging.

