

**PARKES HIGH SCHOOL
DUST EXTRACTION TO NOMINATED CLASSROOMS IN BLOCK C
for the
DEPT OF EDUCATION & TRAINING
CONTRACT 0701712**

DESCRIPTION OF THE WORKS

Supply and install a new dust extraction system to serve Woodworking Classroom, CR1019.

Alterations to an existing dust extraction system serving CR1016 which includes disconnecting a thicknesser from an existing dust extraction and re-using the duct components to re-connect thicknesser into the new system.

Extend the existing dust extraction ductwork to include new floor sweep in CR1015.

The work also involves partitioning off part of an existing Store Room, CR1018 to create a new sound proof enclosure for the dust extraction unit.

EXTENT OF WORKS

The services shall include but not be limited to the following:-

- Supply and install dust extraction system to Industrial Arts Room CR1019.
- Disconnect existing ductwork from thicknesser in CR1016 and reconnect to new dust extraction system.
- Provide new ductwork for disc sander in CR1015 and connect into existing dust extraction system located in CR1017.
- Remove existing wall, window, sliding door and relocate lighting in Store Room, CR1018,
- Partition off part of existing Store Room, CR1018 to create a new enclosure room for dust extraction unit.
- Provide all material to construct new enclosure to dust extraction unit.
- Provision of 415 volt 3 phase power supply from existing switchboard DB2/5 to the new Dust extraction enclosure.
- Provision of all electrical power and controls for the dust extraction system.
- Remove and relocate light fittings, fans, etc, as required, to allow for the installation of the exhaust systems ductwork.
- Relocate lathes to a minimum of 400mm off the respective wall, includes extension of electrical supply, to enable installation of lathe hoods and ductwork to lathes.
- Make good and restore to original condition all disturbed surfaces.
- Flashings to all ducts, conduits etc, which penetrate walls or flooring.
- All lifting and hoisting equipment.
- Painting and labelling of the completed installation.
- Commissioning and testing of dust extraction systems.
- Provision of operating and maintenance manuals, including “as installed” drawings, completed test reports and equipment data.

END OF DESCRIPTION OF WORKS