

GLOUCESTERSHIRE COUNTY COUNCIL

OAKWOOD PRIMARY SCHOOL, CHELTENHAM

ALTERATIONS - ACCESSIBLE WC TO HYGIENE ROOM

SCHEDULE OF MECHANICAL SERVICES WORKS

General

This schedule must be read in conjunction with Roberts Limbrick drawings Nos:

- 11962-00101 Existing Floor Plan
- 11962-01101 Demolition Floor Plan
- 11962-02101 Proposed Floor Plan

The Mechanical Services Contractor (Contractor) shall visit site during the tender period and familiarise themselves with the site conditions, existing services, extent and type of works and all matters that may affect his tender. Requests for additional payments as a result of the Contractor's failure to visit site and assess the existing installation prevailing conditions will not be accepted.

The Contractor shall be responsible for draining down the existing systems, as necessary, in order to make the new connections and for re-filling and venting once the new connections have been made.

All water services pipework shall be copper tube pressfit.

All pipework installed in the Hygiene Room shall be concealed, either behind the whiterock wall panels or above the ceiling. Any exposed final connections shall be chromium plated.

The final connections to the height adjustable wash hand basin in the Hygiene Room shall incorporate flexible pipework. The flexible pipework shall be of a suitable length

Chrome plated pipe wall covers shall be installed on all heating pipework, where passing through internal walls.

All new and existing water services pipework shall be insulated. Insulation shall be preformed mineral wool fibre sections of 80/110Kg/m² density, or equivalent.

All water services pipework and fittings shall be WRAS approved.

All equipment shall be strictly installed strictly as recommended by manufacturer.

The Contractor shall provide record documentation as follows:

- Hot and cold water systems chlorination certificates.
- Supply and extract ventilation air flow rates certificate.
- Literature for inclusion in Main Contractor's Health & Safe File.

Hygiene Room

The extent of the mechanical services works include for, but are not necessarily limited to, the following:

1. Isolate and remove existing wash hand basin and WC pan, including hot and cold water services, blending valve and drainage.
2. Fit sanitaryware including taps, supplied by the Main Contractor. **The Contractor's attention is drawn to the existing underfloor heating in the room. Adequate precautions and a suitable method of fixing shall be applied to secure the new WC pan to the floor.**
3. Supply and install hot and cold water services, including new servicing and valves to adjustable height washbasin and waste disposal sink.
4. Supply and fit blending valves, set to limit the hot water temperature to 41°C. The valves shall be designated TMV3, fail safe, selected to suit the application and be complete with the following:
 - Easy clean casing.
 - Integral check valves and strainers.
 - Tamperproof temperature adjustment.
 - Isolation valves.
5. Supply and install cold water service including servicing valve to the new cistern.
6. Supply and install drainage to adjustable height washbasin, waste disposal sink and WC pan.
7. Measure and record the air flow rate through the existing air supply and extract ventilation grilles.
8. Supply and install thermal insulation to all pipework.
9. Chlorinate hot and cold water services.