

KILDANGAN NATIONAL SCHOOL BUILDERS WORK SCHEDULE (MECHANICAL WORKS)

DATE 27/11/2024
REV

Item no.	Qty.	Unit	Description	Size	Service
Element 50 Site Services and External Builders Works Attendances					
S1	60	metre	Excavate external trench for new gas pipeline installation from the new gas tank location to the boilerhouse in the new building. Trench shall be 800mm deep. See 'Detail A' on the site services drawing for information on the trench required for the gas pipework. Excavating the external trench as per trench detail on the site services drawing and for back-filling the trench once all works have been completed.	Refer to drawing 22-055 50(ME001) for the length of trench required and also details on drawing 50(ME001) for information on the trench required.	External Gas
Element 51 Mechanical Installation					
M1	2	1 off	Opening through external walls for mechanical services. Blockwork thickness approx. 415mm. Include for making good and painting.	Ope size 250mm diameter	Mechanical Services
M2	20	1 off	Opening through external walls for mechanical services. Blockwork thickness approx. 415mm. Include for making good and painting.	Ope size 150mm diameter	Mechanical Services
M3	15	1 off	Opening through internal walls for mechanical services. Blockwork thickness approx. 215mm. Include for fire-stopping, making good and painting.	Ope size 300mm long x 100mm high	Mechanical Services
M4	15	1 off	Opening through internal walls for mechanical services. Blockwork thickness approx. 215mm. Include for fire-stopping, making good and painting.	Ope size 200mm long x 100mm high	Mechanical Services
M5	15	1 off	Opening through internal walls for mechanical services. Blockwork thickness approx. 215mm. Include for fire-stopping, making good and painting.	Ope size 50mm diameter	Mechanical Services
M6	20	1 off	Opening through plasterboard ceiling for mechanical services. Allow for making good around services and painting.	Ope size 150mm diameter	Mechanical Services
M7	50	metre	Painting of exposed mechanical services pipework. Colour to be magnolia.	Pipe size 25mmØ	Mechanical Services
M8	1	1 off	Supply free issue all sanitary ware to mechanical contractor		Mechanical Services
M9	30	1 off	Pop ups for soils and wastes in floor slab. See relevant detail on mechanical drawings. Max diameter 150mm.	Max pipe size 100mm diameter	Mechanical Services

1. All opes to be made good, fire stopped as per building regulations and painted to match existing colour or new colour proposed for that area.
2. The main contractor to allow in programme for all builders work associated with the mechanical and electrical installation.
3. The main contractor to allow in programme for all builders work associated with the mechanical and electrical installation.
4. The main contractor to allow for free use of scaffolding/ ladders/ cherry pickers/ crane lifting of goods etc to accommodate high level services installation.
5. The main contractor to allow for all portable power requirements, temporary water supply including meter chamber and contribution to local authority for mechanical and electrical installation.
6. The main contractor to allow for all fire stopping of all opes associated with mechanical and electrical installation in compartment walls and floors.
7. The main contractor to allow for all roofs opes to accommodate mechanical and electrical services.
8. All roof opes shall be complete with minimum roof level to allow for weather purling box details complete with timber frame around opes for fixing and weathering collars.
9. The main contractor to allow for timber grounds for various M&E equipment.