

Scope of work for Demolition of Existing Polio Buildings

DEMOLITION

GENERAL

Interpretation

Demolition of existing buildings and removal of disposed materials.

- Salvaged for disposal: Demolished materials scheduled for re-use elsewhere.
- Demolished for removal: Other demolished/disposed materials.

Inspection

A joint inspection form client and contractor will take place before the commencement of demolition.

Demolished Materials

Demolished Materials

Ownership: Ownership of demolished materials will be Ministry of Public Health (MoPH) Afghanistan and contractor must to coordinate with MoPH responsible by the observation of UNOPS site staff regarding the demolished material.

Demolished Materials Classes Table but not limited.

| Class | Ownership |
|--|---|
| Salvaged of Doors and Windows with Glasses | MoPH |
| Salvaged of electrical conduits and cables | MoPH |
| Salvaged of plumbing lines | MoPH |
| Salvaged of alarms systems | MoPH |
| Cutting of Trees and removing roots | MoPH |
| Demolished stone, Born breaks, Concretes, steel bars and other disposed material | Shall remove from site location by coordination of MoPH in dump in selected area by municipality. |

Salvage: Recover without damage materials to be salvaged and stored in save place nominated by MoPH representatives.

Salvage the water tanker with it plumbing system and re-install the plumbing system in save place and re-connect to main water resource.

Materials for Disposal Schedule.

Removal: Remove demolished unsuitable material from the site project and store to the place selected by Municipality.

Not burn or bury on site any demolished material.

Transit: Prevent spillage of demolishing materials in transit.

EXECUTION

Support

Temporary Support

If temporary support is required, to install before demolishing of the buildings in term of safety, the contractor is responsible to remove it after demolition.

Protection

Encroachment

Prevent the encroachment of demolished materials onto adjoining property, including public places.

Weather Protection

If walls or roofs are opened for alterations and additions or the surfaces of adjoining buildings are exposed, provide temporary covers.

Dust Protection

Provide dust-proof screens, bulkheads and covers to protect existing finishes and the immediate environment from dust and debris.

Security

If a wall or roof is opened for alterations and additions, provide security against unauthorized entry to the building or even to the project site location.

Demolition

Explosives

Do not use explosives material in the demolition process.

The contractor have to use the required machineries and human resources for the demolition.

Site preparation:

General

Aims:

Responsibilities:

The aim of this work section is to clear the site and put in place adequate environmental controls to allow the commencement of demolition works.

Submissions

Execution

Submit the methods and equipment proposed for demolition, including the following:

- Control of erosion and contamination of the site, surrounding areas and drainage systems.
- Dust control.
- Noise control.

EXECUTION

Trees

Work near Trees

Keep the area within the dripline free of construction material and debris. Do not place bulk materials and harmful materials under or near trees. Do not place spoil from excavations against tree trunks. Prevent wind-blown materials such as deposited cement from harming trees and plants.

Prevent damage to tree bark. Do not attach stays, guys and the like to trees. Protect, by fencing if necessary, all trees or native growth from any damage caused by construction operations.

If excavation is required near trees to be retained, give notice and obtain instructions. Open up excavations under tree canopies for as short a period as possible.

Use hand methods to locate, expose and cleanly remove the roots on the line of excavation. If it is necessary to excavate within the drip line, use hand methods such that root systems are preserved intact and undamaged.

Backfill to excavations around tree roots with backfill free from weed growth and harmful materials.

Place the backfill layers, each of 300 mm maximum depth, compacted to a dry density similar to that of the original or surrounding soil.

Existing Services

Maintain existing utilities that are to remain in service. Before excavating over or adjacent to existing utilities, notify Engineer to ensure protective work will be coordinated and performed in accordance with requirements. If existing service lines, utilities and utility structures, which are to remain in service, are uncovered or encountered during these operations, safeguard and protect from damage. Before commencing demolition, locate and mark existing underground services in the areas which will be affected by the earthworks operations or demolition of buildings. Within limits of excavation, remove existing piping, subsoil drainage systems, conduit, manholes and relocated items, which are to be abandoned. Plug open ends of utilities to remain with concrete. Re-route existing subsoil drains which obstruct work around new construction, or incorporate them into new drainage systems.

Existing Facilities: Protect and maintain in satisfactory manner, existing pavements, curbs, gutters, structures, conduits, fences, walls and other facilities to remain above and below grade. Restore facilities damaged by construction operations.

Pumping and Draining: Excavate areas in such manner as to afford adequate drainage. Control grading in vicinity of excavated areas so ground surface will slope to prevent water running into excavated areas. Until work is completed, remove water from areas of construction that may interfere with proper performance of work or that may result in damage to the soil sub-grade and provide sumps, pumps, well points, electric power and attendance required for this purpose on a 24 hour basis if necessary. Protect construction from water during construction, including prevention of erosion of completed work during construction and until permanent drainage and erosion controls are operational. Repair adjoining properties, facilities and streets damaged due to improper protection.

Environmental Protection

Dust Protection

Provide dust-proof screens, bulkheads and covers to protect existing finishes and the immediate environment from dust and debris.

Site Clearing

Extent

Clear only the following site areas after the completion of demolition:

- Areas to be occupied by works such as buildings, paving, excavation, regrading and landscaping from demolished material.
- Other areas designated to be cleared.

Contractor's site areas: If not included within the areas specified above, clear generally only to the extent necessary for the performance of the works.

Disposal of materials

Remove cleared and grubbed material from the site

Access to Site

The Contractor shall make his own arrangements for access to the project Site location, only the access to inside the site area which surrounded by wall is the responsibility of client.

Where the access to the Site proposed to be used by the Contractor lies across the land of any third party the Contractor shall get their written consent of the owner and the occupier of the land over which the access lies before making use of the same.

The Contractor shall also make a record to be agreed by the Engineer of the conditions of the surfaces of any land (and of any crops on such land) over which access lies before he uses it for access purposes and he shall keep all such surfaces in a reasonable state of repair during the executing of the Works. On the termination of the Contractor's use of such access he shall restore any lands, roads or other property to a condition at least equal to that existing before his first entry upon them.

Security of the Works

Watching of the Works shall be provided by the Contractor at his own expense. If the Engineer considers it necessary he will order in writing that additional watchmen be provided all at the Contractor's expense.

Suppression of Noise

The Contractor shall make every reasonable endeavor both by means of temporary works and by the use of appropriate plant or silencing devices to ensure that the level of noise resulting from the execution of the Works does not constitute a nuisance.

Safety

Safety of contractor's staff is the responsibility of contractor, all staff have to be equip by PPE and contractor should submit the safety plan to client prior commencement of the demolition.

The Engineer shall be notified by the Contractor immediately any accident occurs whether on Site or off Site in which the Contractor is directly involved which results in any injury to any person whether directly concerned with the Site or whether a third party. Such initial notification may be verbal and shall be followed by a written comprehensive report within 24 hours of the accident.

Transportation of any material by the Contractor shall be in suitable vehicles which when loaded do not cause spillage and all loads shall be suitably secured. Any vehicle which does not comply with this requirement or any of the local traffic regulations and laws shall be removed from the Site.

Work Methodology

The Contractor shall submit work methodology for his whole work for the prior approval from the Engineer and adopt a method of working such as to permit the satisfactory and timely completion of the Works and to limit disturbance and damage to a minimum.

The Contractor shall only demolish the sections of the Works for which his resources are sufficient to maintain continuous and methodical progress. If in the opinion of the Engineer, the Contractor has not complied with the foregoing, he shall be entitled to suspend sections of the works.

Site information:

This project located in district 10, Wazir Akbar khan, street 13, sub-street 3 RHS.



The two storey building have to demolished with it is foundation



The water tanker with it stand have to remove and reinstall in safe place selected by UNOPS Engineer and MoPH representatives.



The one storey building have to demolish with it is foundation and container should shifted

Completion.

Notice of Completion

Give at least 3 working days' notice of completion of demolition so that adjacent structures may be inspected following completion of demolition.

Make good any damage arising out of demolition work. Obtain written acceptance from the owner of each adjoining property of completeness and standard of making good.

Temporary Support

General: Clear away at completion of demolition.