SPECIFICATIONS – DEMOLITION AND REMOVAL

1. SCOPE

a. The work includes the furnishing of all labor, materials and equipment required to carry out the demolition of all and/or portions of existing wharf including removal of obstructions, extraction/cutting of timber and R.C piles at required depth, the work may include the demolition of miscellaneous buildings, pavements, fences, utilities, navigation aids and wrecks etc., as required for the execution of the Contract.

b. The Contractor shall submit the proposed methodology or procedure of demolition work with detailed drawings and calculations if necessary, to the Engineer for approval, before the execution of the Works.

c. The Contractor shall keep all pavements and landing areas to and from the site of the disposal area clean and free of mud, dirt and debris during and after the execution of disposal. Disposal of debris and materials shall be as directed by the Engineer.

d. For off-shore obstructions to pile driving and dredging, survey shall be executed by the Contractor with the Engineer before any demolition and removal of wrecks is commenced and shall be as directed by the Engineer.

2. OWNERSHIP OF DEMOLISHED MATERIAL

a. Materials coming from the demolition works except general earth shall remain the property of the Authority and shall be stored properly by the Contractor at a place designated by the Engineer.

3. INTERFERENCE WITH PORT OPERATIONS

a. During the execution of the work, the Contractor shall not interfere with the shipping, navigation and other traffic operation in the port.

b. The Contractor shall make arrangements with the port operations people on the schedule of demolition and related works to keep the operation activities undisturbed at all times.

c. Prior to commencement of the demolition works, the Contractor shall inform/announce to all concerned/affected port users the schedule of disconnection of utilities.

4. EXECUTION

a. Prior to the commencement of demolition works, the alignments (lines and grades) of the new construction works to existing pier shall be checked.

b. The width and alignment of portion of existing structure to be demolished shall be marked by paint.

c. With these lines as guides, concrete shall be broken and reinforcing bars cut, such that panels or portions of the structure can be lifted out for disposal elsewhere outside of the operational work area.

d. Extract concrete piles with care in order not to damage existing or adjacent structures, equipment or materials.

e. Piles (timber/concrete) for demolition/extraction) shall be done with care and/or to the required level indicated in the plan as shown in the drawings.

f. Rocks removed from existing slope protection shall be stored for re-use in new construction.

g. Demolish buildings, pavements, curbs, fences, utilities, services, navigation aids and the like as determined in the field for each project and as shown on the drawings or as directed by the Engineer.

5. SAFETY

a. During the course of survey and clearing, only the proper Authority shall remove any obstacles that are recognized and seemed to be explosive or hazardous to workers on the site.

b. At the end of each day's work, the Contractor shall keep the workplace in safe condition, so that no part is in danger of falling or creating hazard to personnel or equipment.