3.7 All shoring works in projects near water bodies shall be reviewed and approved by a third party geotechnical consultant equally sharing the liability of the safety of the works with the consultant and shoring contractor.

3.8 Shoring contractor together with main contractor and consultant shall bear full responsibility and legal liability for the safety of the site preparation works, the shoring.

3.9 All shoring works on projects near bodies of water shall be continuously monitored by the contractor and the consultant; and in case of need to take any corrective measure, prior approval from relevant authority must be obtained.

3.10 All parties shall approve the safety plans developed based on making individual and independent risk evaluation regarding temporary works near bodies of water.

D) Ground Improvement

1. General manual/ guidelines for ground improvement works

1.1 Design of soil improvement works shall be done by specialized consultant and reviewed and approved by the consultant.

1.2 laboratory tests shall be for similar samples; the laboratory shall provide an official letter confirming the result clarifying the soil bearing capacity and characteristic of the improved soil.

1.3 All test to be made after the improvement shall be indicated in the drawings during the design stage.

1.4 Soil report shall be submitted based on the tests made after the soil improvement measures.

1.5 All contractors and consultants shall designate the site supervision to specialized geotechnical engineers expert in this field.

1.6 All excavation activities shall be carried within the plot limits only. In case of works outside the plot limits, a No Objection letter (NOC) shall be obtained from relevant authorities or owners of adjacent plots; in addition, safety shall be provided to all existing facilities at all times.

1.7 Compliance with all health and safety precautions during execution of excavation works.

2. Liquefaction

Potential liquefaction risk shall be calculated by qualified geotechnical engineer, the evaluation shall depend on sufficient number of field test results (CPTU is preferred); the