**ANNEXURE-II**

**Name of Work: Marine Geotechnical Investigations at Inshore Channel, Container Terminal &**

**MCB including Access Channel near Tuna - Tekra at Deendayal Port Authority.**

Scope of Work

While framing the Estimate, the following items have been considered.

1. Drilling of 90 mm Dia. Meter Bores with power driven N-Axial drill at required locations up to 31m from sea bed level.

2. While drilling bore, collection of undisturbed / Disturbed soil samples and conducting SPT.

3. conducting of standard penetration test in sandy strata or change in strata from BGL to End of Boring.

4. Natural moisture contains and Bulk density to be determine at site.

5. "Atterberg" limits i.e. LL PL & SL.

6. Grain size analysis include of fraction passing 75mm through Pipette method.

7. Determination of organic matter, PH values, Sulphites, Chloride contains and specific gravity.

8. Consolidation test under a presser greater than a Maximum effective value of compression index (Cc) required to be reported along with co-efficient of compressibility (qv) and Co- efficient consolidation (Cv).

9. Determination of Unit weight of Rock and Rock sample tests.

Point load test on rock sample test.

10.Shifting and positioning of Jack-up Pontoon from one location to another location through Tug or by any other suitable methods - 5 Nos.

11. Submission of detail reports for field and laboratory tests -10 sets including soft copies.

12. The rates quoted must be inclusive of all mobilization and de-mobilization of all the equipment.