**GENERAL SPECIFICATION**

1. All the measurement will be carried enough Joint Measurement Team (JMT).

2. Joint Measurement Team will be headed by concerned Sub-Divisional Engineer. It will be constitute following members:

1. Concerned Sub-Divisional Engineer.
2. Concerned Sectional Officer/SAE.
3. Concerned Filed Supervision Engineer (FSE).
4. Concerned Filed Inspector.
5. DPD/EE/SDE/AE from PMU as representative of the Project Director nominated by him notified to both the Project Manager and the Contractor.

3. If representative of PMU is DPD/EE he will be the convener of the JMT. Otherwise concerned SDE will be convener of the JMT.

4. JMT will submit measurement of work executed by the contractor for every reach/site/structure every 15 days to the Project Manager with copy to the Project Director and the Contractor.

5. Contractor will use this measurement for preparation of his monthly IPC.

6. In addition to preparing measurement JMT will ensure that every quality test mentioned in the specification has been done and results are acceptable. They will initial every test report done in this regard and submit it to the Project Manager with copy to the contractor and the Project Director.

7. JMT will submit monthly quality control report for every site/reach/structure. The form and content of the report is described in other sections of this specification.

8. The procedure for measurement of every items of work will be mentioned in particular specification.

9. If any measurement is not acceptable to the contractor or the Project Director then he will notify it to the Project Manager. Project Manager will appoint other person/team to re measure, which is acceptable to both the Project Director and the Contractor. After remeasurement he will decide the matter as per his power mentioned in GCC Clause 23.1

**Survey Methods:**

For pre-work/post-work for earth work cross section will be taken every 50m interval.

Surveying will be done by leveling / total station / RTK GPS, RTK measurement is preferable.

Acceptable vertical accuracy for surveying 1 cm.