

- k. Operations and Maintenance strategy.
- l. Cost assumption breakdown for Operation and Maintenance.
- m. Construction cost estimation breakdown.
- n. Detailed calculation of Net Present Value, NPV, for all proposed Design alternatives and/ or Options.
- o. Statement of status of all Authority Approvals including any pending NOI / NOC.
- p. Compliance Form to be signed and stamped by the Consultant stating full compliance in his submittal to the latest DMAT manuals, specifications and standards and noting any non-conforming elements with justification.(refer to section 6 of this document).
- q. Other details as applicable and requested by DMAT.

8.4.3. Detailed Design

The submitted Detailed Design Package shall include the following:

- a. Copies of:
 - a. Approvals of all authorities related to the project scope including DMAT Preliminary Design approval.
 - b. Statements: the status of all pending NOI / NOC (if any).
 - c. Approval of Service Reservation for Stormwater pipeline from the Town Planning Department.
- b. Detailed Design Report with full and detailed design updated calculations for all products, materials, plant, and equipment in accordance with the scope of work. Final hydraulic model shall also be included. To be submitted as described in section 3 above.
- c. All applicable design drawings including:
 - i. Drawings list.
 - ii. Project location Plan.
 - iii. General site layout.
 - iv. Detailed layout Plans showing all stormwater and subsurface drainage systems.
 - v. Detailed profile drawings.
 - vi. Structural layouts and details for the stormwater pumping station including site layout, approved site plan from UPC and Town Planning department.
 - vii. Electro-mechanical layouts and details.
 - viii. Standard drawings.
- d. All applicable standard specifications.
- e. All particular specifications.
- f. Bill of Quantities for the works.
- g. Detailed breakdown of the estimated construction cost.
- h. Detailed Operation & Maintenance strategy with associated programme of activities / tasks.
- i. Operations and Maintenance budget estimate and breakdown covering 10-year period from final handover (FAC / Final TOC).
- j. All other necessary details as applicable.
- k. Compliance Form to be signed and stamped by the Consultant stating full compliance in his submittal to the latest DMAT manuals, specifications and standards and noting any non-conforming elements with justification.(refer to section 6 of this document).