

INDEPENDENT QUALITY ASSURANCE CONSULTANCY IN TRENCHLESS TECHNOLOGY
(Indicative Scope of Services to be provided by RQP)

- i) Review proposed utility route plan, estimate, and BOQ to identify shortcomings, omissions, inconsistencies and ambiguities in detailed engineering document.
- ii) To finalize quality assurance documents namely the method statement, quality plans, inspection and test plans (ITP) forms, reports, etc. as per requirements of the project and ensuring the implementation.
- iii) Assist interpretation of the Technical Specifications etc, as and when required by the Client.
- iv) Review Contractor's detailed work programme and suggest modifications where required.
- v) Review the suitability of Contractors superintending and key personnel and suggest modifications where required.
- vi) Review the construction methodology by the contractor for execution of works in order to ensure that the same is satisfactory in respect of technical requirements, project implementation schedule, environment aspects and safety of the works, property, personnel & general public.
- vii) To assist the Client in approval of the field testing laboratories set up by various contractors in respect of its facilities, adequacy, arrangements, equipment and laboratory staff etc.
- viii) Perform comprehensive check by way of field inspection activities on 20-25% on all works & make relevant test reports, as per approved inspection & test plan.
- ix) To conduct Technical audit on total testing done by the Engineer and issuing non conformance report and proposing appropriate corrective and preventive actions to the Engineer and the Employer.
- x) To develop a monitor and review progress. The Consultant will also identify the problem areas causing delays in progress in implementation of the project as per schedule.
- xi) Review suitability of source and quality of construction materials on the basis of inspections, test results/manufacturer's certificates etc.
- xii) Develop forms and procedures in order to ensure implementation of a proper Quality Assurance system on all activities and aspects of the project.
- xiii) Review the quality assurance/control system & procedures being followed by the contractor.
- xiv) Assist the Engineer on matters connected with the quality assurance/control aspect of works in order to ensure the quality of work and its conformity with the standards & specifications prescribed in the contract.

- xv) Inspection of the construction equipment in order to assess their suitability for the works.
- xvi) Assist the Engineer in monitoring progress of the works at regular intervals.
- xvii) Prepare progress and project closure reports describing the progress of works assistance given by the consultant, problem areas and action taken to overcome them by the relevant authority.
- xviii) The consultant will inspect the works on completion and indicate to the Engineer any outstanding work to be carried out by the contractor prior to issuance of certificate of completion by the Engineer, and will indicate any defects to be rectified during defects liability period.