

- b. Pipe isometrics,
 - c. Installation drawings separately for mechanical and electrical works
 - d. Plant Layout(s)
 - e. Sectional views, with all material / equipment fully dimensioned, showing the Plant, systems, routings, type of material, etc.
 - f. Detailed list of all Plant components
 - g. Drawings and details of the auxiliary equipment to be supplied under this Contract
 - h. List of all symbols / abbreviation and typical details used.
 - i. P&ID's,
 - j. Plant Operation and Control Philosophy
 - k. Wiring diagrams, including control and interlock diagrams,
 - l. Electrical load schedule
 - m. Calculations/ construction / installation plans,
 - n. Complete lists for cable/ equipment/ valves/ conduit/ instrument/ clamping lists as well as any other schedules/ tables/ diagrams, etc., required by the Engineer, clearly indicating the material and type of the Plant proposed, as well as proposed layouts/ method of installation, systems, function, operation, etc.
 - o. A complete documentation, including list of spare parts, plant description, maintenance and operating instructions, test reports and certificates, certificates with type approval of explosion protected equipment shall be submitted prior to commencement of installation.
- D. The Contractor shall prepare drawings showing all details of civil works required in connection with the installation of all mechanical/electrical works, as box-outs, width and depth of pipe/cable trenches, duct works, minimum door sizes, roof curbs, service manhole/ covers, etc. and all other works which shall be incorporated into the civil works. Such drawings shall be submitted to the Engineer for approval together with the consent of the appropriate authorities (if so required under the regulations in force) so that necessary measures like ducts and chases, etc. can be included in the civil works during construction.