



ANNEXURE - I

SALIENT FEATURES OF CONSULTANCY WORK

A. PRELIMINARY DRAWINGS:

- a) The site plan shall and remaining drawings like floors and terrace plans, elevations and sections etc. shall be prepared in the required scale.
- b) All Required sections shall be prepared.
- c) Brief specifications to be followed for preparing preliminary estimates/ DPR shall be finalized in consultation with the Authority.

B. WORKING DRAWINGS:

- i. All floors plans, Terrace plans, elevations and wall sections shall be in required Scale.
- ii. Plans and sections of toilets, kitchens, pantry, fixtures like counters, flooring, tiles etc. shall be in required Scale.
- iii. Full / half scale for details of doors, windows, grills etc. including their fixing arrangements.
- iv. Large scale details of special areas like floor tile patterns, features, reflected ceiling plans shall also be supplied if needed.
- v. Plans, elevations, sections and other details of fixed furniture required Scale.
- vi. Internal elevations (if required) shall be supplied.
- vii. Landscape plans and details including parking, planters, roads, horticulture, site drainage, river training works, sewerage and lighting details and Layout of other underground services are to be provided on approved scale.
- viii. Details of sports facilities such as swimming pool, court (both indoor & outdoor) play areas, walking tracks etc. shall be detailed to meet the national standards, health standards and safety standards etc.
- ix. Internal and external services drawings like sewerage, water supply and storm water drainage scheme as per Municipal Corporation norms / existing bye-laws of the area are to be provided on approved scale. Typical fixture arrangement details shall be on the required Scale.
- x. In general, Scales of drawings shall confirm to BIS standards IS 10713 (Equivalent Standard ISO 5455 – 1979). The objective is that the scale to be chosen for drawing shall be such a scale so as to clearly depict the complexity of the object & purpose of representation.

C. STRUCTURAL ANALYSIS AND STRUCTURAL DRAWINGS:

- a. As per preliminary drawings, tentative structural arrangement of the structure shall be decided in consultation with Authority, leading to preparation of working drawings. Due consideration shall be given in deciding expansion Deputies from seismic consideration as per IS 4326 and other relevant codes.
- b. Analysis and design of the structure on the basis of approved working drawings shall be done on the latest software package of STAAD (latest version) or approved equivalent. However provisions in various latest BIS codes namely IS 456, IS 1893, IS 4326, IS 13920 etc. shall be over riding the package's output.
- c. Structural drawings showing reinforcement detailing and Bar Bending Schedule shall be prepared as per latest SP: 34(S&T) from BIS and in consultation with Authority. All over riding conditions prescribed by IS 13920 or by any other BIS Code shall be taken into account while preparing the structural drawings.

D. PLUMBING/ ELECTRICAL/ FIREFIGHTING / HVAC DRAWINGS:

- i. All drawings shall be on required scale and should clearly indicate legend Index.
- ii. Single line diagrams shall be in variably provided for Electric Circuits, Plumbing, Firefighting and Fire Alarm System along with detailed working drawings.

E. SUPPLY OF DRAWINGS

All the estimates, bill of quantities, detailed designs with calculations, and any other details envisaged under this agreement shall be supplied as per requirement. All Architectural drawings and details of services/utilities (internal and external) shall be supplied by the Consultant as per requirements of