



## SECTION II

### INSTRUCTION FOR APPLICANT

#### 1. SCOPE OF WORK

- a. The consultant shall provide comprehensive architectural services, from beginning till the end of the project, including preparation of detailed drawings depicting interior layouts and schematics with all specifications viz. Architectural, Electrical, Fire Fighting, HVAC etc. for various areas required to undertake the construction of the project out of the following field / services any /all of which may be required for the project:
- i. Visiting the site, discussing details with the Authority, Bansberia Municipality and to carry out site survey, soil investigation, as specified in IS:1892-1979 and its latest version and preparation of surveyed site plan of plot of land showing all existing buildings, other structures and service, tree with girth and species local name etc
- ii. Concept plan in consultation with Authority and preparation of Detailed Project Report.
- iii. Architectural Planning and Design,
- iv. Structural Design
- v. Electrical Systems including power distribution and complete internal and external lighting, fire detection and other electrical/electrical control and display systems including metering facilities, generators, UPS stabilized power conditioners, Sanitary, Water supply and sewage, plumbing and firefighting system including fire protection.
- vi. Any other or all services not specifically mentioned herein but required for the proper and successful completion of the project in accordance with international standards or Bureau of Indian Standards (BIS) including National Building Code, Water Treatment / Purification, solar water heating system etc.
- b. Consultant shall prepare preliminary designs, cost estimates, tender drawings, detailed cost estimates, NIT documents, drawings depicting interiors layouts and schematics with all specifications viz. Architectural, Electrical for various areas required to undertake the construction of the project.
- c. Consultant shall prepare drawings including all necessary architectural and engineering details to suitable scale, to enable the contractors to prepare shop drawings, bar bending schedules etc. and all such other details of works as are required for execution of the project and modify the same if so decided by any authorised officer of Authority. Thereafter Consultant shall be responsible for ensuring construction generally as per the approved drawings and make minor modifications/ improvements in design, if required, as per the actual requirements at site.
- d. Consultant shall ensure that all drawings / designs are prepared in accordance with the relevant bye laws of local authority, Indian Electricity rules and Indian Standard specification as amended upto the date or and shall be responsible to ensure the structural stability and efficiency / adequacy of various other services and utilities as per design.
- e. Consultant shall get the designs, plans and architectural / engineering details of the project approved by the Municipal Engineering Dte., shall make all additions, alterations as may be required in the designs, calculations, by these to be paid to the local authorities shall be debited from the project fund available with project consultant. Necessary assistance will be provided by Authority.