

detailed technical specifications, cost estimates and the bill of quantities, setting forth in detail the work required for the architectural, structural, civil, landscape architecture, electrical, plumbing/sanitary, mechanical and other service-connected equipment, utilities, site planning aspects and related works, electronic and communications and the site development plan of the PROJECT's immediate environs.

- 1.3 Prepare layouts, specifications and estimates of all furniture and equipment required for the fit-out of the buildings, specifically items that are owner-furnished materials.
- 1.4 Prepare the scope of work for construction based on the prepared bill of quantities and cost estimates while fitting within the approved budget.
- 1.5 Provide value engineering analysis on all prepared construction documents.
- 1.6 Coordinate with all offices and agencies concerned, within and outside the University regarding utility connections, permits and other requirements needed.
- 1.7 Periodically coordinate and present the status of the design phase to the CLIENT and CPDMO.

All drawings included in the contract documents should be drawn using CAD software and plotted on 20" x 30" sheets. All other textual submittals shall be printed and ring-bound on A4-sized sheets.

Where required, design components shall be designed in coordination with the agencies concerned (e.g., coordinate with electric company for power lines and concerned company/agency for water and sewage lines).

Partial and earlier submission of the construction drawings, such as those affecting the preliminary stages of construction (site works, foundation works, etc.) shall be allowed. The DESIGN & BUILD CONTRACTOR may only proceed with the CONSTRUCTION PHASE after the approval of OVCPD of the drawings, designs and bill of estimates as recommended by the Technical Working Group (TWG) and upon accomplishing all necessary PRE-CONSTRUCTION tasks.

2. CONSTRUCTION

2.1 PRE-CONSTRUCTION PHASE

- 2.1.1 Secure all necessary building permits prior to construction. All incidental fees shall be included in the cost estimate of the building.
- 2.1.2 Preparation of the PERT-CPM of the construction phase.
- 2.1.3 Provide all other necessary documents that shall be required by CPDMO.

2.2 CONSTRUCTION PHASE

- 2.2.1 Implement all works indicated in the approved construction drawings and documents. All revisions and deviation from the approved plans, especially if it shall impact the overall cost of the project, shall be subject for approval.
- 2.2.2 Provide soil filling, grading and other soil protection measures of the building and other elements of the site, in response to the results of soil and materials testing.
- 2.2.3 Construct the buildings and other necessary structures, complete with utilities and finishes, resulting in operable and usable structures.
- 2.2.4 Provide protection or relocation of existing trees indigenous to the area, and proper removal and replacement of all introduced trees and vegetation affected by the