



## 5D BIM Contest: Building A Better Future

### 1. Items given

- a. Project General Notes Architecture
- b. Original project model file (Revit format)
- c. BIM Contest Tender BQ
- d. BIM Contest Build-Up-Unit-Rate
- e. BIM Contest Finishes Schedule
- f. CAD drawings (General note for rebar work)

### 2. Workflow of the contest

The team has to do planning based on the workflow

#### Quantity Take-off (Revit)

- The team will need to import the Revit model that we have provided to TASC-V (TIO)
- Check and adjust any necessary entities in TASC-V (TIO) according to the requirements listed in General Notes
- Measure the rebar as according to the General Notes
- Software required: TASC-V (TIO) & TRBC-V



#### Quantity Take-off (Drawing)

- The team will need to import the drawing and do the measurement for the part that haven't cover yet
- Software required: TASC-V (TIO) & TRBC-V



#### Bills of Quantities Preparation

- The team has to complete a BQ and if description is not complete, the contestant can make the changes
- Insert quantities from project to BQ for Pre-Tender Estimating purposes
- Insert all rates to all bill items that is needed for project BQ preparation
- Add team name and element name as header
- Export Pre-Tender Estimate as PDF and Excel



#### Submission

- Documents should be properly arranged and labelled. Failure to do so shall incur a penalty in team score
- Submission contents shall be in one folder:
  - a. Base Quantity Takeoff
    - TASC- V model
    - TRBC- V model
    - TBQC- V
    - PDF and Excel BQ
- These folders shall be submitted together in a main folder labelled with the team name (ZIP file)