one of the biggest risks a firm takes with BIM is errors in accuracy. BIM model is the core of the project, even a single error in precision can be extremely expensive.

Another setback that can arise is the price tag. BIM technologies, such as training, software costs and required hardware upgrades, are costly and it is very time consuming to implement them into an existing process. Adequate training is needed in different areas and levels of expertise can vary. The problem here is that because such a large amount of data is exchanged among team members, there is the group could endanger the entire project.

These new projects are being fast-tracked and mandates are being issued to include the very latest building technologies such as BIM. India has large and relatively inexpensive labour available which decreases the value of the productivity improvements that BIM offers. Lower cost of employing workers discourages efforts to replace field labour with automated solution. However, BIM offers time savings and competitive advantage and it helps in quick turnarounds in the intense time pressured and competitive environment of India.

13. Recommendations

Following are recommendations based on Revit Architecture 2014 BIM tool:

- The use of BIM in comparison to 2D modeling is strongly encouraged because the parametric model denies overlapping of the elements and there are no errors, omissions or conflicts of information at different views.
- The user should be use currently available elements and alter them to create new elements because Revit Architecture requires time and investment to build brand new elements from scratch.
- Further study is required for the decomposition of elements.
- When a project is being modeled, scheduling activities shall be considered and splitting option shall be used when necessary.

14. Conclusion

During the construction better understand and communicate project risk, intent and options before a project is built. Streamline design tasks with discipline-specific tools that incorporate parametric controls, support engineering standards, and provide design validation rules. Evaluate constructability and identify design conflicts before construction begins. In construction process share and the same consistent data across the project lifecycle. In the building construction project in sequencing and planning can also produce a 4D visualization simulation. By using BIM method 80% reduction in time to generate estimates. 10% saving on construction cost through clash detection. 20% saving through construction process simulation.

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