



Cost Reduction Through Optimization of Reinforcement Steel Bar

Client Details

Client Name	Tata Projects Limited
Industry	Engineering, Procurement and Construction (EPC) for Engineering Sector
Website	www.tataprojects.com

Business Requirements

- Integration of Quality Control (QC) process for the steel bars with Rebar
- Develop consolidated and optimized cutting schedule based on requests from the planning department
- Generate reconciliation report instantly with off-cut details
- Improved subcontractor productivity

Solutions Offered

Rebar

Timelines

- 4 Weeks for Implementation

Benefits to the Client

- Easier management of reinforcement steel inventory
- Ensures ongoing subcontractor productivity & on-time billing
- Minimal wastage, as minimum piece of bar also gets used for miscellaneous/ EP work, instead of getting wasted
- Inventory control and procurement monitoring
- Process is set that BBS should be ready at least a week in advance so as to get benefit of combination of more BBS.
- Real time status availability of BBS

Key Performance Indicators

Impact

Reduction in wastage and thereby material cost reduction	1-2 %
Efforts for reconciliation of reinforcement bars	- 60%

Our Customer Speaks

“The biggest advantage of the Rebar implementation was the savings, we achieved in reinforcement steel wastage and the simplicity with which we could reconcile our reinforcement steel. We were glad that Highbar Technologies had good understanding about our requirements and were able to provide us with real business benefits.”

Mr. Sreedhar Jois
Construction Engineer
Tata Projects Limited

