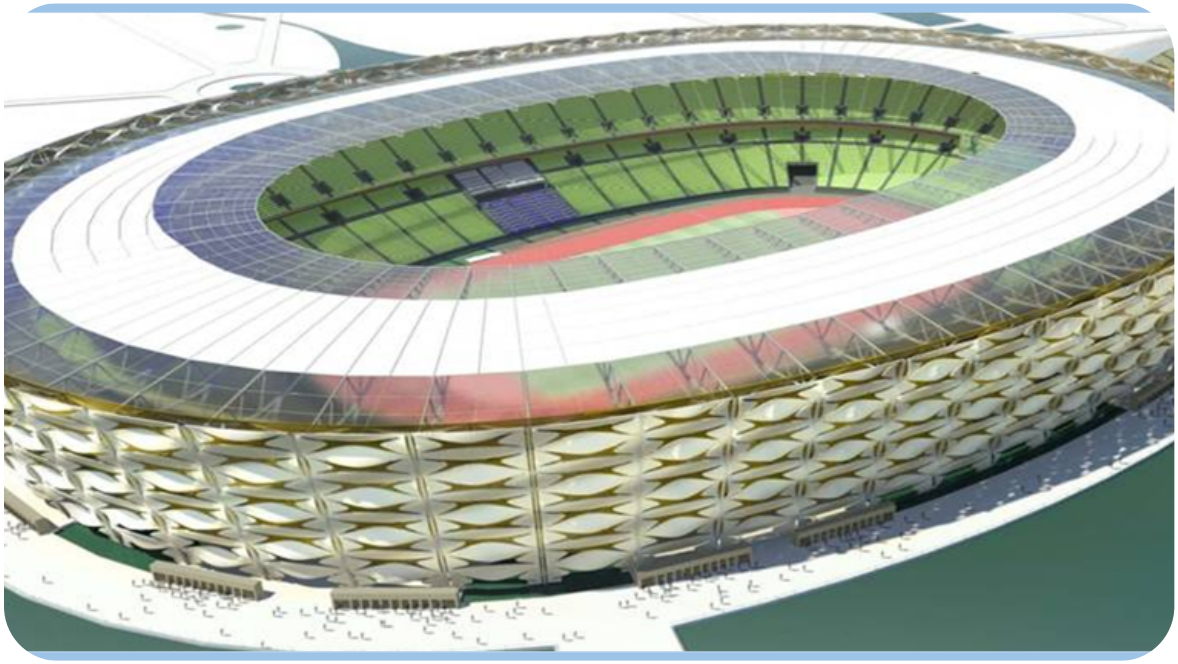
PAN GULF® TECHNOLOGIES
STRUCTURING QUALITY

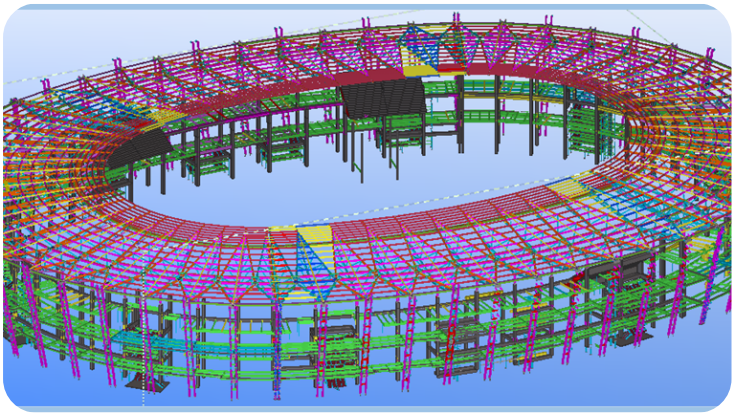
BASRAH SPORTS CITY, IRAQ PROJECT

Executed on "TEKLA - STEEL" Software



PGT Scope

3D Modelling in Tekla & Shop Drawing Preparation.



Software Used

Tekla - Steel

Tonnage

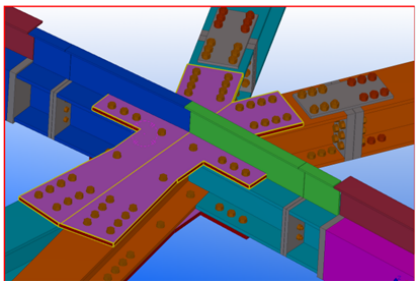
9,830 Tonnes

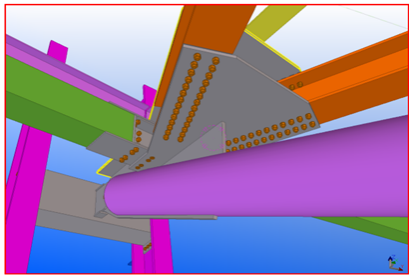
About The Project

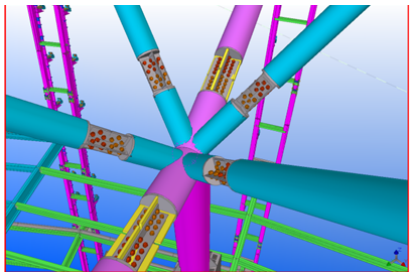
The main stadium is a state-of-the-art structure which is a multilevel structure with 65,000 capacity, 20 suites, and 230 VIP seats. The complex also has VIP lounges and restaurants, spectator facilities, 205 VIP underground parking stalls and a tunnel connecting the main stadium to the secondary stadium.

Project Deliverables:

- 3D Model
- Erection Drawings
- Shop Drawings
- Single Part Drawings
- Reports
- DSTV and NC files for CNC machines.







Our Challenges & Solutions

- Most of the Profiles used were tubular sections to have a very good aesthetic appearance as Roof Steel was exposed. The Joints were very critical and huge connection plates with odd shapes were required as per connection requirements. Cantilever trusses had cambers/pre-set, resulting in challenges while setting out the geometry.
- Clad work was quite complex, and we had to do extensive coordination with the Elevational clad work panels.
- The Benefit we had was that there were 8 Zones and in 4 corner zones, we got a repetition which helped to expedite the work.
- The team had done an excellent JOB and executed the project ahead of schedule in detail.