

# 1275 IPD



**CLIENT:** Confidential High Tech

**PROJECT:** Multiple Fab upgrades

**SERVICE:** QS Support, Collaborative Estimating and Post Contract

**SF:** 46,500sf new construction and extensive upgrades to existing buildings.

**PROJECT COST:** \$350m

**PROJECT TIMELINE:** 2014 - 2016

**COMPLETION DATE:** 2016

## ■ BACKGROUND

PlanB was selected to provide QS services for a \$350 million+ technology upgrade project across multiple buildings, including a new cleanroom link between two existing Fab buildings.

## ■ CHALLENGE

1. First implementation of Integrated Project Delivery on the client's construction project.
2. Working with two General Contractors, over multiple projects across the campus.
3. Optimize project results, increase value to the owner, reduce waste, and maximize efficiency through all phases of design, fabrication, and construction.
4. Complex, heavy industrial project.
5. Working for affordability targets in a collaborative manner.

## ■ SOLUTION

Our QS team was site based, along with the GC, Designers, Sub-Contractors and the Client; affording us the opportunity to facilitate a close relationship with the whole team. PlanB adopted lean principles and implementation of process to reduce waste and improve quality. Estimating was done collaboratively with QS, GC and Sub Contractors at different stages of design, along with collaborative Value Engineering.

## ■ SO WHAT

PlanB facilitated a successful IPD process, resulting in over \$25 million in value engineering solutions. QS team, Owner, Designer and GC all collaborated, commencing at early design and continuing through to project handover and completion. PlanB provided Total Project Forecasting and Cost Tracking for multiple project teams.