Labor:

The entire IPE Warehouse is going to have to be reconfigured. In order to do this the following actions must happen:

Period of Performance:

Period of performance shall be 150 days from execution.

Phase 1:

1. Remove 180' of Industrial Grade Guide/Guard Rails with extensions anchored into concrete
2. Remove 6 bollards and repair concrete floor in aisles to prevent damage to wheels of material handling equipment
3. Disassemble 180' of Pallet Racks 180' (2 runs of 90', 3 levels, 48" deep and 20' tall {132 positions})
4. Removing old floor anchors from pallet racks and 180' of Industrial Grade Guide/Guard Rails with extensions. They should be ground flush and sealed over in aisles to prevent damage to wheels of material handling equipment.
5. Layout new warehouse configuration. This must be very precise with no room for error to accommodate the installation of another Pallet Rack row.
6. Relocate and reinstall items from item #1,2, and 3 to OSHA standards (Note Bollards will have to be replaced)

Phase 2:

1. Layout new warehouse configuration. This must be very precise with no room for error to accommodate the installation of 4 new Pallet Rack rows.
2. Install new Pallet Racks (390' {254 pallet positions} 3 to 4 levels to OSHA standards. Note Spacers required between rows for fire safety
3. Install **24 each** 5.5" O.D. Bollards (42" tall) Bollards to for all new Pallet Racks to OSHA standards. Color is Safety Yellow with Black caps
4. Install new **390'** of Industrial Grade Guide/Guard Rails (4"x4" x1/2" Angle painted safety yellow) with guard extensions where applicable to OSHA standards. Rails must have countersunk mounting holes at each joint to prevent damage to Material Handling Equipment (Warehouse Turret Trucks, Lifts, etc)

Pallet Racks:

1. Must be Husky Brand and match existing (OSHA)
2. Must be welded
3. 3 different height levels of pallet racks (22’, 16’, and 12’)
4. Stanchions required are 25 each of the 22’ / 9 each of the 16’ / 10 each of 12’
5. All racks will be 42” Wide
6. Support Beams (5.5” x 108”) Must be rated at 9100 lbs or greater
7. Support Beams (6.0” x 168”) Must be rated at 6100 lbs or greater
8. Wire Decks must be Mesh and Gauge 2.5x4 X 6 Gauge-192 Galvanized Wire and Capacity 3000 or greater
9. Color: Gray (to match existing shelving)
10. US Steel is a must. American steel generally has lower oxidation levels and higher strength, whereas some foreign imports, particularly from China, have been associated with safety hazards like boron-induced cracking.