

Safe Work Method Statement



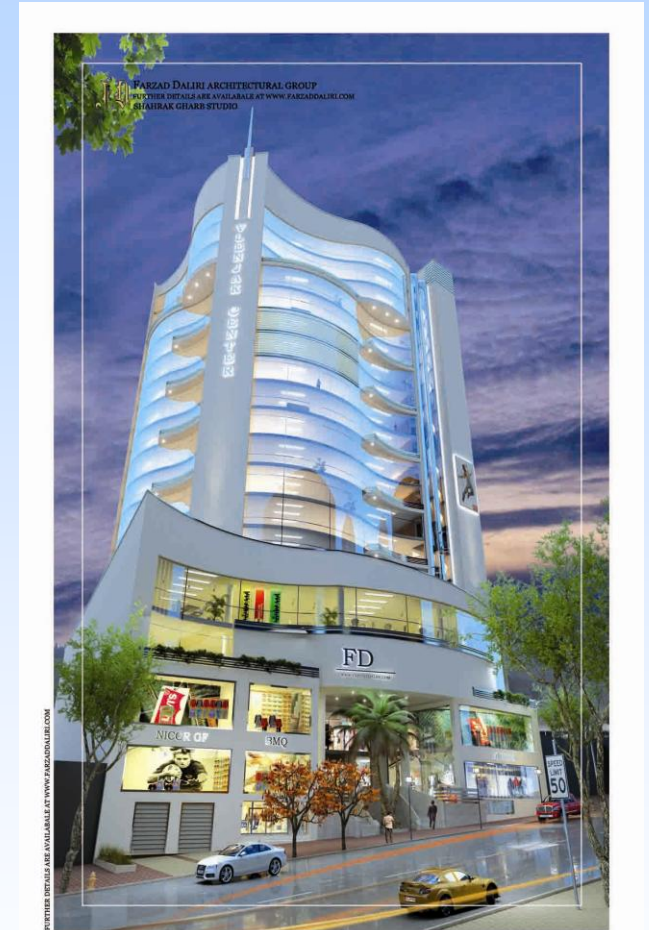
Australian Prestressing Services Post Tensioning Project

Melbourne, Sydney, Brisbane, Canberra, Adelaide, Perth, Tehran
Dubai, Abu Dhabi, Muscat, Doha, Damascus, Cairo, New Delhi



Project Scope of Work:

- Project Name: Velenjak Commercial Center
- Client: Private Sector
- Gross Floor Area: 49,000 m² (25 Levels)
- Span Lengths: 10,5 m (Longest span: 20m)
- Consultant and
• Post Tension Contractor: APS Iran Co.
- Main Contractor: Omran Sazeh Akam Co.



Post Tension Slab's Work Processes:

- 1) P.T Installation
- 2) Concrete Pouring
- 3) Initial Stressing
- 4) Final Stressing
- 5) Cutting & Patching
- 6) Grouting



INSTALLATION:

- **FIXING SLAB'S PLYWOOD :**



INSTALLATION:

- **BOTTOM REINFORCEMENT STEEL FIXING:**



POST TENSION INSTALLATION:

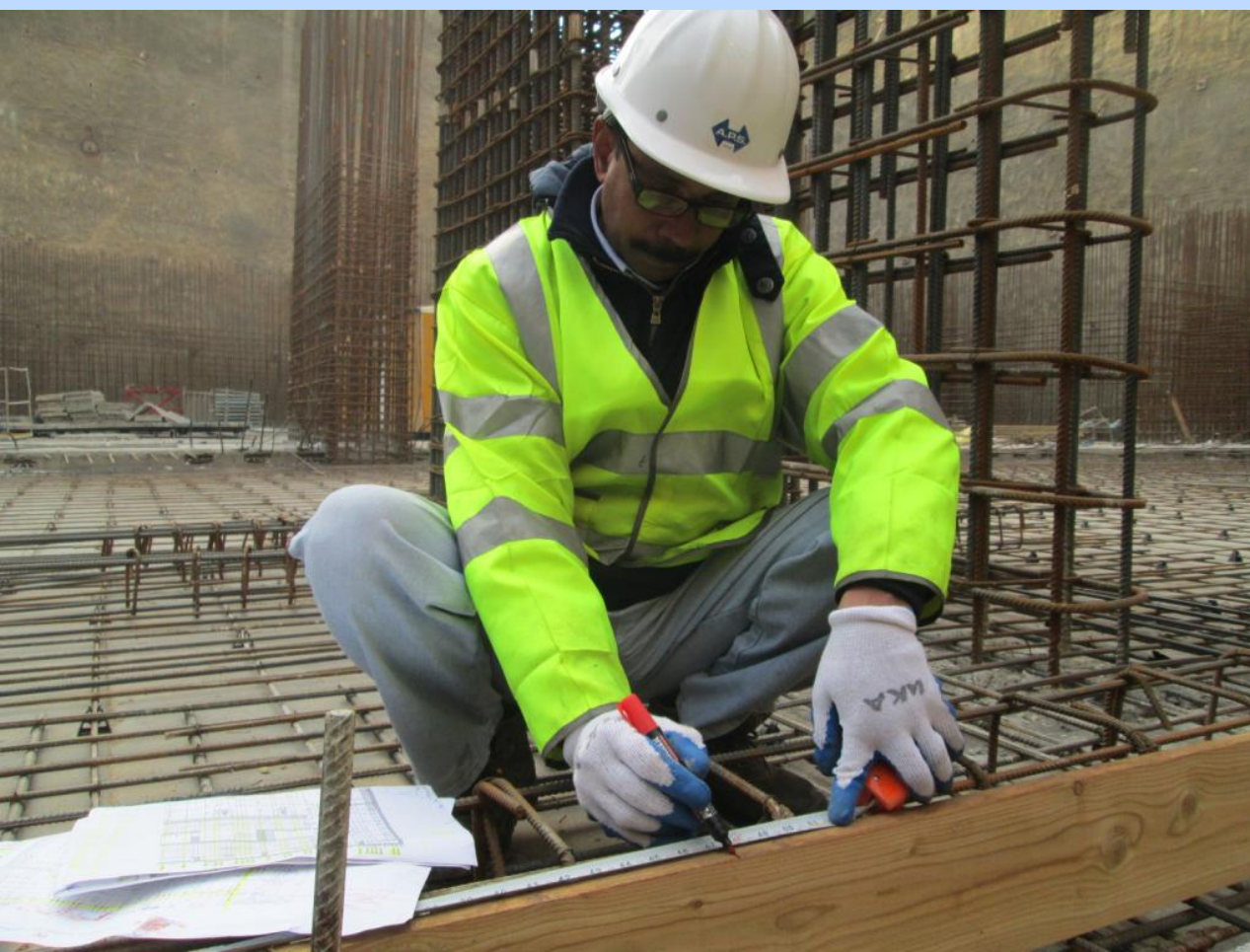
APS Post Tension works will be fixed & installed as a follow:

- 1) Side Wood Markings
- 2) Anchor Fixings
- 3) Marking Tendon Layouts
- 4) Ducting
- 5) Pushing Strand into Duct
- 6) Define Up and Down Tendons
- 7) Chair Installations
- 8) Onion Fixings
- 9) Grout Hose Installation & Silicon works
- 10) Straightening & Centralizing Duct Layouts



P.T INSTALLATION:

SIDE WOOD MARKINGS



P.T. INSTALLATION: ANCHOR FIXINGS



P.T INSTALLATION:

MARKING TENDON LAYOUTS



P.T INSTALLATION:

DUCTING



P.T. INSTALLATION:

PUSHING STRAND INTO DUCT



P.T INSTALLATION:

DEFINE UP AND DOWN TENDONS



P.T INSTALLATION: CHAIR INSTALLATIONS



P.T. INSTALLATION: ONION FIXINGS



P.T INSTALLATION:

GROUT HOSE INSTALLATION & SILICON WORKS



P.T INSTALLATION:

Straightening & Centralizing Duct Layouts



INSTALLATION:

TOP REINFORCEMENT (STEEL) FIXINGS:



CONCRETE POURING:



REMOVING POLYSTYRENE:



INITIAL & FINAL STRESSING:



SRAND MARKING – (Measuring Elongations):



CUTTING:



PATCHING:



GROUTING:



END OF PRESENTATION

