

## Our Select Experiences



**Client:** Phoenix Group  
**Project:** SEZ building.  
 Design, manufacture and erection of precast/prestressed concrete elements.

**Client:** Infosys Ltd.  
**Project:** Parking Structure  
 Design, manufacture and erection of precast/prestressed concrete elements with finishes



**Client:** B.Seenayya (BSCPL)  
**Project:** Residence  
 Design, manufacture and erection of precast/prestressed concrete elements

**Client:** Phoenix Group  
**Project:** Office building.  
 Design, manufacture and erection of precast/prestressed concrete elements.



## Our Precast Factories



HYDERABAD | BHUBANESHWAR | VIJAYAWADA

PRECA has State-of-the-Art Prestressed Precast factories at Hyderabad and Bhubaneswar, equipped with the best-in-class European technology. Our Hyderabad automated factory sprawls over 16 Acres of land and has 1,20,000 sq.ft of built up area. It includes our in-house fabrication unit, mechanized bar bending system and stockyard with 100% power backup. PRECA's cumulative building production capacity amounts to over 12,000 sq.ft per day. PRECA's third upcoming facility in Vijayawada, near the new capital region of Andhra Pradesh will be automated and will further boost our capability and mark us as one of the leaders in our industry.

## Certificates & Recognition

- ISO 9001:2008 Certification for Design, Manufacture and Supply of Precast Prestressed Concrete Solutions and Turnkey Execution.
- Best in Class Manufacturing — Green Manufacturing Award in National Quality Excellence Awards 2013 from World CSR Day and Stars of the Industry, USA.
- IGBC Green Product Manufacturing and ICI Membership.



**PRECA**™  
 PRE-STRESSED CONCRETE SOLUTIONS  
 An ISO 9001:2008 COMPANY

### Corporate office:

**PRECA Solutions India Pvt. Ltd.**  
 Plot #6, D.No: 2-9/5/6, Venkatasai Gateway  
 Green Land colony, Gachibowli  
 Hyderabad - 500032  
 Phone: +91 040 230 00664  
 Email: info@preca.in  
 Web: www.preca.in  
 LinkedIn.com/precaindia  
 twitter.in/precaindia

### Factory:

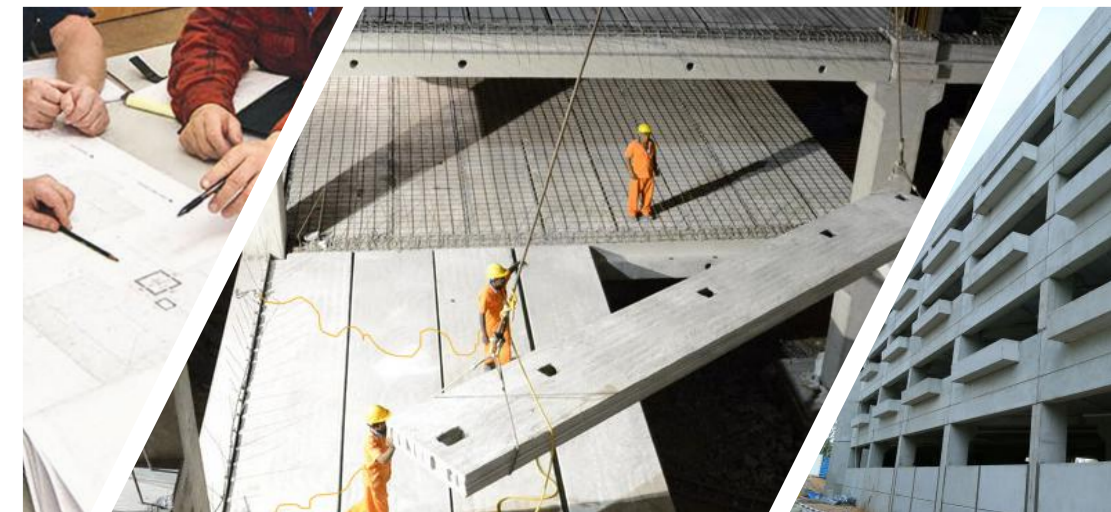
**Hyderabad**  
 Sy No: 167 & 169, Fathepur Village,  
 Shankarpally Mandal, Ranga Reddy.  
 Phone: +91 954 235 6789

**Bhubaneswar**  
 Plot No E-43, Infocity, Near Infosys,  
 Chandaka Industrial Estate, Orissa.  
 Phone: +91 994 955 3134

**PRECA**™  
 PRE-STRESSED CONCRETE SOLUTIONS



## Sustainable Inventions for Building Future



Advocating  
 Advanced Technologies  
 in Construction Industry

Superior Quality

Cost-effective

Speedy Execution

Better Results



Hospitals | Residential | Institutional | Commercial | Industrial | Parking

## Precast Prestressed Technology

The rapid growth and development of urban centers call for shorter time lines of construction at a competitive cost by implementing proven technologies while ensuring high standards and uniformity in quality. These are the needs of the hour which can be effectively met by Precast Prestressed Technology.

Precast and Prestressed concrete technology involves the Industrial process of casting concrete elements at an off-site facility under controlled environment & quality standards, which are then transported to the construction site and erected in place.

Prestressed concrete combines concrete with high strength prestressing strands which negates concrete's natural weakness in tension. This greatly enhances the structural resilience and load bearing capacity of precast elements. This technology helps to produce beams, floor slabs viz. T-slabs, Hollow core slabs and Solid slabs with a longer spans at the required depths than traditional reinforced concrete methods. This technology is widely applied in Buildings, Metro Rail Projects, Tunnels, Bridges/Flyovers and Underpass construction.

Precast Prestressed Technology which is well developed and implemented in Europe, GCC and USA years ago, is now considered a revolutionary method in INDIAN construction.

## About PRECA

PRECA Solutions India Private Ltd, Hyderabad, is one of the pioneers to introduce Precast Prestressed Concrete Construction technology to India. PRECA is an International Joint Venture between Indian, Israeli and African techno-commercial partners.

PRECA is engaged in the business of providing turnkey civil engineering solutions across all segments of construction. PRECA has its State of the Art European technology equipped precast factories at Hyderabad & Bhubaneswar and over last 3 years has successfully delivered 35 challenging projects serving reputed clients such as Infosys, NETAPP, Cadbury, IIT-Hyd, GMR, Apollo and many others.

PRECA has the unique capabilities for civil engineering projects by offering Quality, Innovative & Economic solutions at faster timelines in comparison to traditional construction methods.

## Our Turnkey offering

### PRECA provides Turnkey Civil Engineering Solutions from Design to Delivery

**Evaluate**  
Evaluate preliminary design for the most efficient solution to suit the needs

**Engineering and Design**  
Value engineering to arrive at effective structural designs

**PMC**  
Professional team for monitoring & controlling of the project in successful delivery from start to end

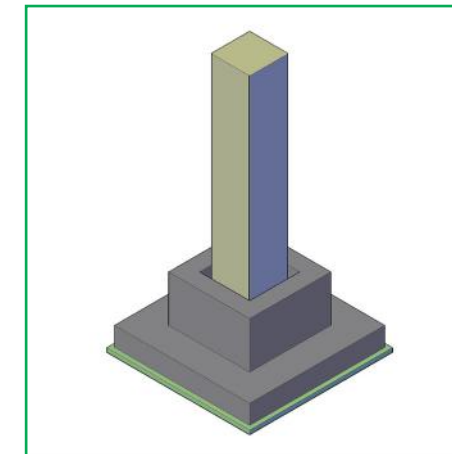
**Manufacture**  
Under rigorous quality standards as per schedules

**Erection**  
Carry out complete Erection of building

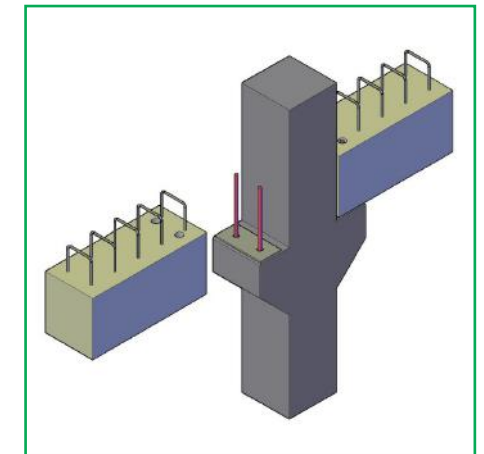
**Services & Finishes**  
Undertake building service & finishes works. Deliver the complete building to use



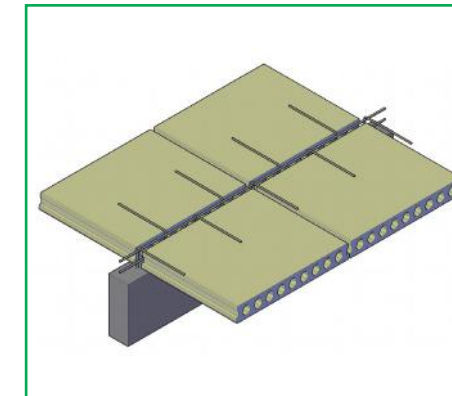
## Precast Connection Details



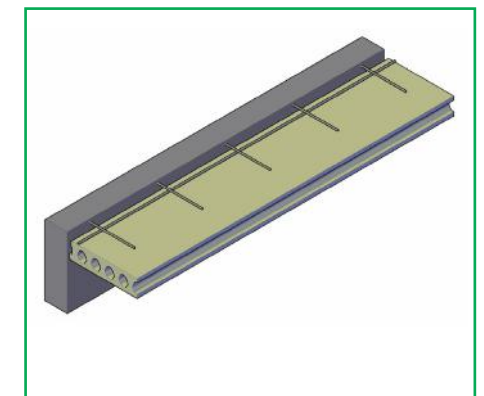
Pocket footing to Column



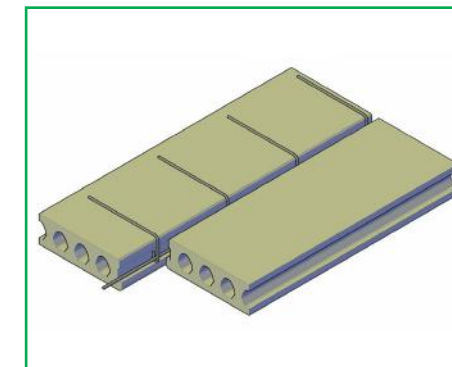
Column to Beam



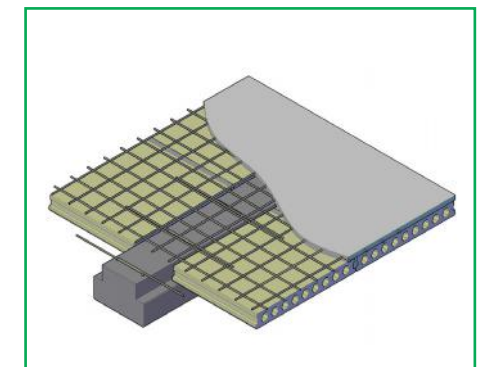
Wall panel to Hollow Core Slab



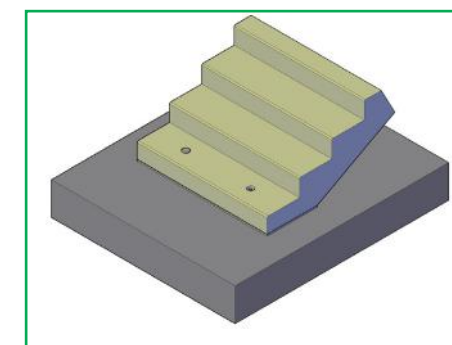
Wall panel to Hollow Core Slab



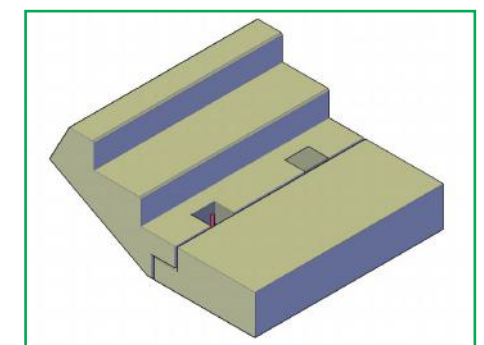
HCS to HCS slab for Diaphragm



Beam to Hollow Core Slab



Grade slab to precast stair



Stair flight to Landing slab