Precast Construction
Opportunities for Entrepreneurs

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Casting of precast elements is done at a centralised location where all facilities for production, testing, and curing are available.

Transportation and erection of the precast elements: The precast industry is looking forward to entrepreneurs to take up the activity of transportation of elements as it will reduce the burden on the industry.

Precast structures are in demand even in remote interiors, including tribal areas, where the Government wants to construct high quality sustainable buildings that are also affordable.

Since precast industries are located near cities, transporting the precast elements to remote areas offers two options:

Option1: Produce the precast elements in the industry located in city centres and transport them to the far-flung areas.

Option 2: Set up a temporary precast plant in a nearby centrally located area to reduce transport costs. However, for this purpose, a sufficient quantity of precast elements should be produced to make the temporary installation of the precast plant cost-effective.

In both the above options, the precast production of elements should be done by the precast industry only as it will have all the facilities for production, QA and QC assurance, testing facilities, and automated curing system, such that the elements produced will be robust.

Entrepreneurs need to be trained on the Transportation and Erection systems such that they will find employment / business opportunities.

The reasonable lead/distance for transportation from the precast industry such that it is cost effective: Usually, a distance of 60 km to 80 km is considered cost-effective compared to conventional construction.

However, the precast industry also transports elements to far away locations that may be at a distance of 300 to 400 kms and sometimes to distances in the range of 650-700km. Inventaa, for instance, is supplying precast elements from their factories in Hyderabad and Vijayawada to projects in Vizag and Chennai.

Customers are looking for precast vendors who can provide the required precast elements with timely delivery and strict adherence to quality standards. If the vendor is meeting these requirements, then the distance to be transported is not a major concern for customers.



Cost of transportation as per the latest rates is Rs -----/- per MT upto about -----kms

For about 60kms, it costs Rs -- Per MT

For about 80 kms, it costs about Rs --/- Per MT

Erection charges Rs ------per MT