Bricks from Fly Ash

<table>
<thead>
<tr>
<th>Capacity:</th>
<th>Fly Ash Bricks 24000 Nos/Day</th>
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<tbody>
<tr>
<td>Plant and machinery cost:</td>
<td>40.00 Lakh</td>
</tr>
<tr>
<td>Working Capital:</td>
<td>0.00 Lakh</td>
</tr>
<tr>
<td>Rate of return (ROR):</td>
<td>25.86 %</td>
</tr>
<tr>
<td>Break Even Point (BEP):</td>
<td>59.27 %</td>
</tr>
<tr>
<td>TCI:</td>
<td>194.00 Lakh</td>
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<tr>
<td>Cost of Project:</td>
<td>194.00 Lakh</td>
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Fly Ash is a burnt residue of pulverized coal (bituminous or sub-bituminous) and is siliceous in nature. In past few decades, R&D efforts were undertaken and it has been proved that this material can be utilized in number of ways in building construction products as well as in civil works with adequate durability. Major areas of fly ash utilization are Building materials such as Bricks, Blocks, Tiles, etc. Also used in Grouting, Engineered fills for low-lying land spaces for human settlement, use in Road Construction and Construction of ash dykes and embankments.

Fly Ash brick is a product of basic cement clinker materials i.e. FLY ASH, STONE DUST/SAND, LIME, GYPSUM and BONDING AGENT. The mix is so ideally worked out to produce bricks of higher strength with consistency as well as uniformity. The manufacturing process is fully automatic with state of art technology. Though a new age product introduced in the market, Fly Ash bricks are very well accepted by the organized sectors in heavy industries, high rise buildings, large townships, colonies, etc. because of unique features and merits.

Fly Ash Bricks provides a high level of moisture resistance. It's very economical, cost effective, nil wastage while transporting and handling. Fly Ash Bricks is available in various sizes. These qualitative bricks have high compressive strength and absorb low water. As a whole it is a good project for entrepreneurs to invest. Few Indian Major Players are as under

- Chhattisgarh Electricity Co. Ltd.
- Gujarat Narmada Flyash Co. Ltd.
- Jindal Steel & Power Ltd.
- Nalwa Steel & Power Ltd.
- Periwal Bricks Ltd.
- Prakash Ceramics Ltd.
- Sand Plast (India) Ltd.
- Tatanagar Bricks Ltd.
- Tuticorin Salt & Marine Chemicals Ltd.

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