## Disposable Plastic Syringes

<table>
<thead>
<tr>
<th>Description</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Capacity:</strong></td>
<td>33600 NOS./Day</td>
</tr>
<tr>
<td><strong>Plant and machinery cost:</strong></td>
<td>112.00 Lakh</td>
</tr>
<tr>
<td><strong>Working Capital:</strong></td>
<td>0.00 Lakh</td>
</tr>
<tr>
<td><strong>Rate of return(ROR):</strong></td>
<td>30.00 %</td>
</tr>
<tr>
<td><strong>Break Even Point (BEP):</strong></td>
<td>44.00 %</td>
</tr>
<tr>
<td><strong>TCI:</strong></td>
<td>287.00 Lakh</td>
</tr>
<tr>
<td><strong>Cost of Project:</strong></td>
<td>287.00 Lakh</td>
</tr>
</tbody>
</table>
A syringe is a simple piston pump consisting of a plunger that fits tightly in a tube. The plunger can be pulled and pushed along inside a cylindrical tube allowing the syringe to take in and expel a liquid or gas through an orifice at the open end of the tube. The open end of the syringe may be fitted with a hypodermic needle, a nozzle, or tubing to help direct the flow into and out of the barrel. The disposable plastic syringe has become an important part of the medical scene since its introduction in the late 1950's. Today more and more attention is being focused on the composition and configuration of this everyday item. It is an instrument which is used for injecting any liquid into the body of human beings or of animals. These syringes are used for injecting the medicine into the body or into the nerve of the body which are not possible to take it through mouth or takes much time in mixing with blood. Disposable Syringes made of plastic Material have been successfully used in medical and pharmaceutical practice for many years. The constantly increasing use of this type Syringe indicates its importance, which is based mainly on the advantages it offers regarding cost and hygienic applications. Uses & Applications Disposable syringes commonly are used in modern medicine for the injection of drugs and vaccines or for the extraction of blood. The often are used instead of reusable syringes in an effort to avoid spreading a disease. Among the common uses of disposable syringes are the injecting of insulin by a diabetic person and the administering of a local anesthesia by a dentist. A medical syringe that is used to give shots to more than one person without being properly sterilized is a potential source of disease. This can be an especially pressing concern in poor or undeveloped areas, where an injection often cannot be given under ideal medical conditions.

Market Survey The Health Ministry of the Government of India was planning to have a separate wing to license medical devices under the proposed National Drug Authority. The Indian domestic Medicare devices industry is expected to grow from Rs 60 bn to Rs 76.5 bn in four years. The overall market is estimated at Rs 150 bn. A major part of the demand is met through imports. Devices, such as catheters and stents represent nearly two fifth of the entire range of diagnostic devices and most critical as per international classification. The Government has decided to create separate quality guidelines for medical devices. Presently medical devices are treated like drugs and regulated by state drug regulators under the drug law Drugs and Cosmetics Act. Guidelines would make it mandatory for producers to get their products certified by notified bodies like ISO and BIS. Technological advances achieved by Medicare globally in the recent years have been phenomenal. The Indian scenario has not remained immune to these changes. While IT (information technology) has come to the aid of the breakthroughs, the progress recorded in the Medicare area is as impressive as it is in the IT sector itself. The changes are in concepts, forms and content, as well as applications. These are both, quantitative and qualitative. The transformation is pervasive and has penetrated almost all specialties, from diagnostics to physiotherapy, from cardiology to oncology, from non invasive surgery to transplants.

Financial Analysis & Comparison of Major Companies
Albert David Ltd.
Disposable Medi Aids Ltd.
H L L Lifecare Ltd.
Hindustan Syringes & Medical Devices Ltd.
Ison Surgicals Ltd.
La Medical Devices Ltd.
Lifeline Injects Ltd.
Lifelong Meditech Ltd.
Nirma Ltd.
Raaj Medisafe India Ltd.
Sangam Health Care Products Ltd.
Surgiplast Ltd.
NIIR Project Consultancy Services (NPCS) is a reliable name in the industrial world for offering integrated technical consultancy services. Its various services are:

- Pre-feasibility study
- New Project Identification
- Project Feasibility and Market Study
- Identification of Profitable Industrial Project Opportunities
- Preparation of Project Profiles and Pre-Investment and Pre-Feasibility Studies
- Market Surveys and Studies
- Preparation of Techno-Economic Feasibility Reports
- Identification and Selection of Plant and Machinery
- Manufacturing Process and or Equipment required
- General Guidance, Technical and Commercial Counseling for setting up new industrial projects and industry.

NPCS also publishes various technology books, directory, databases, detailed project reports, market survey reports on various industries and profit making business. Besides being used by manufacturers, industrialists and entrepreneurs, our publications are also used by Indian and overseas professionals including project engineers, information services bureau, consultants and consultancy firms as one of the input in their research.