

Seamless Pipes and Tubes - Market Survey cum Detailed Techno Economic Feasibility Project Report

Introduction

The seamless steel pipe industry is almost one century old. The prime reason for the development was provided by transportation sector. Petroleum sector consumes largest quantities of seamless tubes. The Indian seamless tube industry is about 55 Years old.



Seamless pipe as the name suggests is a pipe without a seam or a weld-joint in contrast to Seam or Welded pipe. In a Seam or Welded pipe, the seam or the weld-joint is the weaker part of the pipe limiting the strength of the pipe to the strength of the weld-joint.



Whereas the seamless pipe does not have any such joint and thus has uniform structure & strength all over the pipe body. Thus the seamless pipe can withstand higher pressure, higher temperature, higher mechanical stress & corrosive atmosphere and find wide applications in Oil & Gas, Refinery, Petrochemical, Chemical, Fertilizer, Power, Automotive, Bearing, Mechanical & Structural applications.

The greatest advantage of seamless steel pipes is their increased ability to withstand pressure. The weakest point in a welded steel pipe is the welded seam. But because a seamless steel pipe has not been welded, it doesn't have that seam, making it equally strong around the entire circumference of the pipe.



Stainless steel pipes are used in petrochemicals, fertilizers, dairy industries power stations and nuclear plants. Other corrosion resistant applications as of food processing industry are also significant users. These pipes are used extensively by Nuclear Fuel Corporation. As a whole it is a good project for entrepreneurs to invest.



Few Indian Major Players are as under :

- Gandhi Special Tubes Ltd.
- I S M T Ltd.
- Indian Seamless Enterprises Ltd.
- Indian Seamless Metal Tubes (Kalyani Seamless Tubes) Ltd.
- Indian Seamless Metal Tubes Ltd.
- Indosin Pvt. Ltd.

- Jindal Saw Ltd.
- Mahalaxmi Seamless Ltd.
- Maharashtra Seamless Ltd.
- Oil Country Tubular Ltd.
- P S L Ltd.
- Patels Airflow Ltd.
- R M G Alloy Steel Ltd.
- Tubetec Seamless Ltd.

PROJECT AT A GLANCE

PROJECT AT A GLANCE				(Rs in lacs)			
COST OF PROJECT				MEANS OF FINANCE			
Particulars	Existing	Proposed	Total	Particulars	Existing	Proposed	Total
Land & Site Development Exp.	0.00	920.00	920.00	Capital	0.00	673.76	673.76
Buildings	0.00	753.00	753.00	Share Premium	0.00	0.00	0.00
Plant & Machineries	0.00	636.00	636.00	Other Type Share Capital	0.00	0.00	0.00
Motor Vehicles	0.00	12.00	12.00	Reserves & Surplus	0.00	0.00	0.00
Office Automation Equipments	0.00	172.50	172.50	Cash Subsidy	0.00	0.00	0.00
Technical Knowhow Fees & Exp.	0.00	50.00	50.00	Internal Cash Accruals	0.00	0.00	0.00
Franchise & Other Deposits	0.00	0.00	0.00	Long/Medium Term Borrowings	0.00	2021.27	2021.27
Preliminary& Pre-operative Exp	0.00	5.00	5.00	Debentures / Bonds	0.00	0.00	0.00
Provision for Contingencies	0.00	60.00	60.00	Unsecured Loans/Deposits	0.00	0.00	0.00
Margin Money - Working Capital	0.00	86.53	86.53				
TOTAL	0.00	2695.03	2695.03	TOTAL	0.00	2695.03	2695.03

PROJECT AT A GLANCE

Year	Annualised		Book Value	Debt	Dividend	Retained Earnings		Payout	Probable Market Price	P/E Ratio	Yield Price/ Book Value
	EPS	CEPS	Per Share		Per Share	Per Share				No.of Times	
	Rs	Rs	Rs	Rs	Rs	%	Rs	%	Rs		%
1-2	6.81	9.80	16.81	24.00	0.00	100.00	6.81	0.00	6.81	1.00	0.00
2-3	9.54	12.16	26.35	18.00	0.00	100.00	9.54	0.00	9.54	1.00	0.00
3-4	12.25	14.54	38.60	12.00	0.00	100.00	12.25	0.00	12.25	1.00	0.00
4-5	14.92	16.94	53.52	6.00	0.00	100.00	14.92	0.00	14.92	1.00	0.00
5-6	17.55	19.32	71.07	0.00	0.00	100.00	17.55	0.00	17.55	1.00	0.00

PROJECT AT A GLANCE

Year	D. S. C. R.			Debt / - Deposits Debt	Equity as- Equity	Total Net Worth	Return on Net Worth	Profitability Ratio					Assets Turnover Ratio	Current Ratio
	Individual	Cumulative	Over all					GPM	PBT	PAT	Net Contrib ution	P/V Ratio		
	(Number of times)			(Number of times)		%	%	%	%	%		%		
Initial				3.00	3.00									
1-2	1.41	1.41		1.43	1.43	1.78		25.37%	16.99%	11.33%	1869.93	46.17%	1.30	0.92
2-3	1.71	1.56		0.68	0.68	0.94		27.49%	21.03%	13.60%	2174.30	46.02%	1.39	1.41
3-4	2.08	1.72	2.08	0.31	0.31	0.51		28.95%	23.94%	15.28%	2484.74	46.01%	1.39	2.00
4-5	2.53	1.89		0.11	0.11	0.27		29.97%	26.08%	16.55%	2795.18	46.01%	1.33	2.68
5-6	3.06	2.08		0.00	0.00	0.14		30.69%	27.68%	17.51%	3105.62	46.01%	1.25	5.58

PROJECT AT A GLANCE

BEP

BEP - Maximum Utilisation Year	5
Cash BEP (% of Installed Capacity)	35.95%
Total BEP (% of Installed Capacity)	39.79%

IRR, PAYBACK and FACR

Internal Rate of Return .. (In %age)	27.98%
Payback Period of the Project is (In Years)	2 Years 3 Months
Fixed Assets Coverage Ratio (No. of times)	3.642

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Our Approach

Requirement collection

Thorough analysis of the project

Economic feasibility study of the Project

Market potential survey/research

Report Compilation

Who do we serve?

- *Public-sector Companies*
- *Corporates*
- *Government Undertakings*
- *Individual Entrepreneurs*
- *NRI's*
- *Foreign Investors*
- *Non-profit Organizations, NBFC's*
- *Educational Institutions*
- *Embassies & Consulates*
- *Consultancies*
- *Industry / trade associations*



Sectors We Cover

- *Ayurvedic And Herbal Medicines, Herbal Cosmetics*
- *Alcoholic And Non Alcoholic Beverages, Drinks*
- *Adhesives, Industrial Adhesive, Sealants, Glues, Gum & Resin*
- *Activated Carbon & Activated Charcoal*
- *Aluminium And Aluminium Extrusion Profiles & Sections,*
- *Bio-fertilizers And Biotechnology*
- *Breakfast Snacks And Cereal Food*
- *Bicycle Tyres & Tubes, Bicycle Parts, Bicycle Assembling*

Sectors We Cover *Cont...*

- *Bamboo And Cane Based Projects*
- *Building Materials And Construction Projects*
- *Biodegradable & Bioplastic Based Projects*
- *Chemicals (Organic And Inorganic)*
- *Confectionery, Bakery/Baking And Other Food*
- *Cereal Processing*
- *Coconut And Coconut Based Products*
- *Cold Storage For Fruits & Vegetables*
- *Coal & Coal Byproduct*

Sectors We Cover *Cont...*

- *Copper & Copper Based Projects*
- *Dairy/Milk Processing*
- *Disinfectants, Pesticides, Insecticides, Mosquito Repellents,*
- *Electrical, Electronic And Computer based Projects*
- *Essential Oils, Oils & Fats And Allied*
- *Engineering Goods*
- *Fibre Glass & Float Glass*
- *Fast Moving Consumer Goods*
- *Food, Bakery, Agro Processing*

Sectors We Cover *Cont...*

- *Fruits & Vegetables Processing*
- *Ferro Alloys Based Projects*
- *Fertilizers & Biofertilizers*
- *Ginger & Ginger Based Projects*
- *Herbs And Medicinal Cultivation And Jatropha (Biofuel)*
- *Hotel & Hospitality Projects*
- *Hospital Based Projects*
- *Herbal Based Projects*
- *Inks, Stationery And Export Industries*

Sectors We Cover *Cont...*

- *Infrastructure Projects*
- *Jute & Jute Based Products*
- *Leather And Leather Based Projects*
- *Leisure & Entertainment Based Projects*
- *Livestock Farming Of Birds & Animals*
- *Minerals And Minerals*
- *Maize Processing(Wet Milling) & Maize Based Projects*
- *Medical Plastics, Disposables Plastic Syringe, Blood Bags*
- *Organic Farming, Neem Products Etc.*

Sectors We Cover *Cont...*

- *Paints, Pigments, Varnish & Lacquer*
- *Paper And Paper Board, Paper Recycling Projects*
- *Printing Inks*
- *Packaging Based Projects*
- *Perfumes, Cosmetics And Flavours*
- *Power Generation Based Projects & Renewable Energy Based Projects*
- *Pharmaceuticals And Drugs*
- *Plantations, Farming And Cultivations*
- *Plastic Film, Plastic Waste And Plastic Compounds*
- *Plastic, PVC, PET, HDPE, LDPE Etc.*

Sectors We Cover *Cont...*

- *Potato And Potato Based Projects*
- *Printing And Packaging*
- *Real Estate, Leisure And Hospitality*
- *Rubber And Rubber Products*
- *Soaps And Detergents*
- *Stationary Products*
- *Spices And Snacks Food*
- *Steel & Steel Products*
- *Textile Auxiliary And Chemicals*

Sectors We Cover *Cont...*

- *Township & Residential Complex*
- *Textiles And Readymade Garments*
- *Waste Management & Recycling*
- *Wood & Wood Products*
- *Water Industry(Packaged Drinking Water & Mineral Water)*
- *Wire & Cable*

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