

インド工業団地建設計画 (F/S) 事前調査報告書

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工業団地建設計画 (F/S)
事前調査報告書

1994年3月

国際協力事業団

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I. 調査の概要

1. 調査の背景・経緯

インドでは経済自由化に伴い、それまでの保護主義的な産業体質から国際競争力を持った産業体制への改革が急務となっている。このため立ち後れた技術水準の回復、陳腐化の著しい生産設備の更新が不可欠であり、外国からの技術と資金的な協力が必要となっている。

このような状況の下、1989年3月の第18回日印調査委員会合同会議において、外国投資の促進を図るためのインフラの十分整った工業団地の建設が提案され、1991年8月、インド政府はわが国に本件開発調査の実施を要請越した。これを受け、当事業団は1992年10月より1993年12月にかけてモデル工業団地（IMT）のマスタープラン調査を実施した。

インド側は、マスタープランの結果を踏まえ、マスタープランにおいて検討対象となった候補地4地点の中で最も優先順位の高いハリヤナ州グルガオンにおけるモデル工業団地開発のフィージビリティ調査の実施につき引き続きわが国に要請した。

この要請を受け、当事業団は今回右フィージビリティ調査にかかる事前調査団を派遣することとなった。

2. 調査目的

本件プロジェクトは、デリー近郊のハリヤナ州グルガオンにおいて、外国資本・技術を導入し、雇用機会の創出、技術・経営手法の移転、インド産業界のレベルアップ等を図るべく、外国企業及びインド国内企業を誘致できるような国際水準のインフラを有したモデル工業団地建設にかかる計画を策定するものであり、本件調査は同計画の財務的・経済的フィージビリティの確認を行うものである。

今回の事前調査は、同調査にかかるS/Wの協議・署名を目的とする。

3. 調査団派遣期間

平成6年2月13日（日）～2月22日（火）10日間

4. 調査団構成（3名）

団長・総括	きのした としお 木下 俊夫	国際協力事業団 鉦工業開発調査部 工業開発調査課長代理
調査企画	あだち いつ 安達 一	国際協力事業団 鉦工業開発調査部 工業開発調査課
地域産業政策	みやたけ 宮武 すみれ	通産省 通商政策局 北西アジア課

5. 調査内容

- (1) S/W協議・署名
- (2) 候補地の視察
- (3) 関連情報等の収集
- (4) 協議議事録の署名

6. 調査日程

2月13日（日）	デリー着（A I 3 0 1）
14日（月）	JICA事務所訪問・打合せ、日本大使館表敬訪問、 計画委員会表敬・協議
15日（火）	外務省協議、大蔵省協議、工業省工業開発局協議
16日（水）	ハリヤナ州工業開発公社協議、 ステアリング・コミッティー協議
17日（木）	ハリヤナ州協議、 グルガオン IMT候補地視察、 ハリヤナ州内既存工業団地視察
18日（金）	工業省工業開発局とのS/W・M/M 協議
19日（土）	団内打合せ、資料収集・整理
20日（日）	団内打合せ、資料収集・整理
21日（月）	S/W・M/M 署名、JICA事務所報告、日本大使館報告
22日（火）	デリー発（T G 3 1 6） 本邦着（T G 6 7 2）

7. 主要面談者

(1) 計画委員会 (State Planning Commission)

Mr. N. Mohanty Adviser (Industry & Minerals)

Dr. R. Mandal Joint Adviser

(2) 外務省 (Ministry of External Affairs)

Mr. D. Lahiri Joint Secretary

(3) 大蔵省 (Ministry of Finance)

Mrs Rama Murali Joint Secretary, Dept. of Economic Affairs

Mrs Sumati Mehta Deputy Secretary, Dept. of Economic Affairs

Mr. G. S. Grewal Under Secretary, Dept. of Economic Affairs

(4) 工業省工業開発局

Mr. Surendra Singh Secretary, Department of Industrial Development

Mr. S. Befura Joint Secretary, DID

Mr. A. P. Singh Joint Secretary, DID

Mr. K. Srivastava Director, DID

Mr. Puran Singh Under Secretary, DID

(5) 都市開発省 (Ministry of Urban Development)

Dr. P. K. Mohanty Director

Mr. O. P. Shemar Industrial Planner, T. C. P. O.

(6) インド工業開発銀行 (Industrial Development Bank of India)

Mr. M. F. D'Costa Manager

(7) インド輸出入銀行 (EXIM Bank of India)

Mr. Sunil Trikha Deputy Manager

II. 調査結果の概要

標記調査団は、2月14日より21日にわたり印側関係機関訪問・協議、IMT候補地視察、並びに、情報収集を実施し、21日、日本側木下調査団長と印側工業省工業開発局のJoint Secretary のMr.A.P.Singhとの間で実施細則（S/W）及び協議議事録に署名を行った。

1. 協議結果概要

主な協議結果は下記の通り。

(1) 一部調査の簡素化

マクロ経済状況等、マスタープラン時点において既に十分な情報収集・分析を行っている点については、極力調査のボリュームを軽減し、簡単なレビューにとどめることで双方合意した。

(2) 特別優遇措置について

印側は、マスタープランにおいて提言されているIMTに対する税制優遇等にかかるSpecial Incentivesについては、特定地域のみに適応するのは困難であるとの印の国家政策により検討できないとのことから、S/W中の一調査項目である「IMT への外国投資促進にかかる調査」のうち「Special Incentivesにかかる調査」の部分を削除するよう主張した。これに対し、調査団より右調査項目には国家として付与する税制優遇措置のみならず、IMT 内での投資にかかる諸手続きの簡素化の他、州政府レベルで付与することが可能な優遇措置も含まれ、いずれにせよ、如何なる優遇措置が適応可能かにつき検討・整理する必要がある旨を説明し、協議の結果「Other measures are available for IMT」との記述に変更し上記事項の検討・整理を実施することで合意した。

(3) 投資需要調査対象国

本件調査における投資需要調査の対象国については、前回マスタープラン調査において実施した印、日本、米国、独国に加え、今後投資の増加が見込まれる英国、シンガポールについても実施することで合意した。

(4) 財務評価について

財務評価の前提となる本件IMT プロジェクトの実施の際の資金ソースについては、可能性のある2～3のケースを設定し、その財務的評価を実施することで合意した。

(5) 調査期間について

印側より本件調査の開始を1994年4月とし、また、可能な限り期間を短縮するよう提案があったが、調査団よりわが国の1994年度予算決定の遅れに伴い、4月からの調査実施は困難である旨を説明、また、調査期間の短縮は困難である旨を回答。結果、当初の当方案通りで進めることとなった。

(6) ステアリング・コミッティーへの州政府の参加

本件調査のためにマスタープラン調査時より設立されているステアリング・コミッティーにハリヤナ州政府代表者も加えることで双方合意した。

2. IMT候補地視察結果の概要

(1) グルガオン候補地周辺の状況

同候補地は国道8号線に面しており、デリー市街地より13km、インディラ・ガンジ国際空港まで32kmの距離にある。候補地近郊には既にハリヤナ州の工業開発公社が独自で開発した600haほどの工業団地があり、多くの国内企業及び合弁企業（スズキ・マルティ等）が既に入居しており、また、ハイテク・パーク等新規工業エリアの開発も進められている。その他にもデリーからの8号線沿道の同候補地に近接する地域で米、伊、仏等の合弁企業が工場建設を進めており、ここ1～2年に外国投資が予想以上に進んでいるとの印象を受けた。

更に、近郊での州政府及び民間企業による住宅建設、ホテル・商業施設等の建設も漸次進められている。

(2) 候補地の状況

同候補地は現在ほとんどが畑地であり、特に開発に深刻な制約となる建築物は見受けられない。州側は全体で1200ha程度を開発可能区域として設定しているが集落を避けた形となっていることから特に住民移転等の問題が深刻とならないよう配慮している。上記近郊の開発速度に伴い、地価が序々にではあるが値上がりし始めており、州政府にとりこれが一つの心配材料となっている。

3. 今次事前調査での特記事項

(1) I M T建設にかかる現時点での印国政府関係機関の考え方

本件 I M Tプロジェクトの実施については、あくまでもフィージビリティ調査の結果を踏まえ、インド側が検討・決定していくものであるが、今回事前調査において、印国関係機関（計画委員会、外務省、大蔵省、工業省）に対し現時点で将来の建設段階についてどのように考えているかにつき資したところ、回答は概ね次の通り。

- ①建設実施の担当は州政府となる。
- ②開発に必要な資金手当てについてはまず州政府が検討し、国家予算或は外国の公的資金を必要とする場合は州政府より大蔵省に申請し、大蔵省が必要なサポートを行なう。
- ③本件 I M Tプロジェクトの実施にかかる資金調達については、現時点では確定しているものではなく、フィージビリティ調査の結果を待って決定するものであるが、本件は印国の国家プロジェクトであり、国家としてもできる限りのサポートを行なう予定である。

(2) 州政府の I M T開発構想

現在のところハリヤナ州政府が想定している I M Tの開発手法のオプションは以下の通りである（ただし、未確定）

①インフラ整備：

水道、道路、電気、通信等インフラについては州政府が整備する。資金的ソースは州の開発予算、あるいは国家によるサポート（外国の公的資金の導入も含む）もあり得る。ただし通信については一部民間も可能性としてあり得る。

教育施設、病院等社会基盤については、基本的に州政府等公的機関が整備を進める。

②住宅・商業エリア：

現在も州内の住宅整備には州の都市開発公社が整備しているものと、民間の不動産企業が開発しているものがあり、その双方が考えられる。

商業エリアについても官・民双方での開発を想定している。

③工業団地エリア：

工業団地エリアの造成については現在のところ、①民間による開発、②外国投資家も含めたコンソーシアムによる開発、③州工業開発公社による開発等さまざまなオプションを検討しているところ。

(3) ハリヤナ州の姿勢

本件IMTプロジェクトに対する州政府の推進意欲は強く、また上述のとおり州政府は既に独自の工業団地開発、都市開発の経験も有していることもあり、土地収用、開発手法、外資導入等種々の開発課題につき現実的な視野から真剣に検討しているとの印象を持った。

州工業開発公社は4月初旬にアセアン、NIES及び日本の工業団地の開発手法を視察するため、3名程度からなる海外出張を予定している。

(4) 外国投資推進にかかる印国政府の姿勢

今次事前調査団のデリー滞在中の2月18・19の両日、ナラシマ・ラオ首相自らが主催し、外国民間投資企業及び印側パートナー企業との公開ディスカッションを開催した。印国政府側として首相を始め首相府のPrincipal Secretary、大蔵省、工業省その他各省の次官全員が出席し、民間企業側は欧米、日本、タイ観光等外国企業及びその合併パートナーの印企業が68社、計140名程度が参加した。同ディスカッションは、投資促進に障害となっている事項につき民間企業側の意見を直接政府のトップが聴取し、政府として責任を持って解決を図っていくことの主旨で開催されたものであり、各民間企業からの①国内金融機関の手続きの煩雑さ、融通性のなさ、②通関業務の煩雑さ、関税率の問題、③土地購入にかかる法律の不備、その他税制、投資関連法制度についての問題等、具体的な指摘に対し、首相自らが解決に向けての現実的な回答を行なう形態をとった。

上述のディスカッションの開催は、一面、政府のデモンストレーションとの側面があるものの、これまで進めてきた各種の開放政策を更に細部に渡り積極的に前進させるとの意向を表しているものであると判断される。

III. 本格調査での留意事項

1. 投資需要調査手法

投資需要調査はマスタープランにおいてインド、日本、米国、独国を対象に実施したが、その時点では具体的サイト、開発規模、導入業種等が未確定であったため、非常に大まかなものとなった。今次フィージビリティ調査においては、更に英国、シンガポールを加えることとしたが、より有効なデータを収集するために調査手法の十分な検討が必要と思われる。特にローカル・コンサルタントの活用、印側関係機関（州政府、経済団体等）との共同作業による綿密な連携、その他各国と印国との経済関係委員会の活用、アンケート添付用プロジェクト紹介パンフレットの作成、インタビュー調査の重視等、効果的調査手法を検討する必要がある。

2. 財務評価

財務評価の前提となる本件IMT プロジェクトの実施の際の資金ソースについては、可能性のある2～3のケースを設定し、その財務的評価を実施することとしたが、ケース設定については基本的に印側の意向により設定することが肝要である。

3. IMT実施による経済効果

先般のマスタープラン調査のドラフト・ファイナル・レポート協議の際に、印側より、本件プロジェクトにより想定される外国投資額及びその外国投資により生まれる利潤等経済効果をF/S段階にて算定してほしい旨要望があった。

この点については、可能な範囲内で今次フィージビリティ調査において検討することとなるが、ひとえに投資需要調査の結果次第であることから、どこまでの推定が可能かについては本格調査期間中にて投資需要調査の結果が出るインテリム・レポート説明・協議時に印側と打ち合わせることが必要である。

添 付 資 料

実施細則（S / W）

協議議事録（M / M）

SCOPE OF WORK
FOR
THE FEASIBILITY STUDY
ON
THE INDUSTRIAL MODEL TOWN
IN
INDIA

AGREED UPON BETWEEN
DEPARTMENT OF INDUSTRIAL DEVELOPMENT
MINISTRY OF INDUSTRY
AND
JAPAN INTERNATIONAL COOPERATION AGENCY

NEW DELHI, FEBRUARY 21, 1994

J. Kinoshita

TOSHIO KINOSHITA
LEADER,
PREPARATORY STUDY TEAM,
JAPAN INTERNATIONAL
COOPERATION AGENCY

A. Prasad Singh

AKHAND PRATAP SINGH
JOINT SECRETARY
DEPARTMENT OF INDUSTRIAL DEVELOPMENT
MINISTRY OF INDUSTRY

I. INTRODUCTION

In response to the request of the Government of India, the Government of Japan decided to conduct the feasibility study on Industrial Model Town in India (hereinafter referred to as "the Study") in accordance with the relevant laws and regulations in force in Japan.

Accordingly, Japan International Cooperation Agency (hereinafter referred to as "JICA"), the official agency responsible for the implementation of the technical cooperation programmes of the Government of Japan, will undertake the Study in close cooperation with the authorities concerned of India

The present document sets forth the scope of work for the Study.

II. OBJECTIVES OF THE STUDY

The objectives of the Study are to formulate a conceptual design of a Industrial Model Town (hereinafter referred to as "IMT") in Gurgaon, and to examine the financial and economic feasibility of the project.

III. SCOPE OF THE STUDY

In order to achieve the above objectives, the Study shall be conducted in accordance with the following items :

1. Review of the Master Plan Study
 - 1-1. Trends in Indian economy : broad overview
 - 1-2. Policy environment : broad overview
 - 1-3. Present performance of foreign investment/joint ventures
 - 1-4. Results of investment demand survey
 - 1-5. Present condition in and around the candidate sites
 - 1-6. Recommendations
 - 1-7. Conceptual plan for the IMT

2. Investment demand survey
 - 2-1. Potential foreign investors to India
 - 2-2. Potential foreign investors to the candidate site in Gurgaon
 - 2-3. The investors' perception toward India

3. Study on foreign investment promotion
 - 3-1. Consolidation of the organization for IMT promotion
 - 3-2. Public relations efforts
 - 3-3. Improvement of industrial licensing systems
 - 3-4. Development of practical procedures for implementing industrial policies
 - 3-5. Other measures which are available for IMT

4. Field study on the present condition in and around the Haryana State and the IMT candidate site in Gurgaon
 - 4-1. Topography and land utilities
 - 4-2. Infrastructure (water supply, electricity, telecommunications, transportation, sewerage and waste water, industrial solid waste)
 - 4-3. Accessibility
 - 4-4. Industrial subsector
 - 4-5. Industrial products
 - 4-6. Existing industrial estates
 - 4-7. Labour force
 - 4-8. Training / educational / research facilities
 - 4-9. Housing conditions
 - 4-10. Medical and hygiene facilities
 - 4-11. Urban Amenities
 - 4-12. Social and environmental situations

5. Formulation of the conceptual design for the IMT in Gurgaon
 - 5-1. Potential industries
 - 5-2. Development scale (zoning and layout)
 - 5-3. Land utilisation
 - 5-4. Traffic planning
 - 5-5. Land reclamation planning
 - 5-6. Infrastructure
 - 5-7. Operation and management system
 - 5-8. Construction schedule and procedure
 - 5-9. Cost estimation

6. Social Environment Assessment
 - 6-1. Land Acquisition
 - 6-2. Employment related issues
 - 6-3. Slums
 - 6-4. Water rights
 - 6-5. Access Roads
 - 6-6. Traffic conditions and forecasts
 - 6-7. Protection of soil from effluents

7. Evaluation

- 7-1 Economic and financial evaluation
- 7-2 Social and environmental Impact

8. Conclusion and recommendations

IV. WORK SCHEDULE

The Study will be carried out in accordance with the attached tentative work schedule.

V. REPORTS

JICA shall prepare and submit the following reports in English to the Government of India.

- Fifteen (15) copies of the Inception Report
- Fifteen (15) copies of the Progress Report
- Thirty (30) copies of the Interim Report
- Thirty (30) copies of the Draft Final Report
- Thirty (30) copies of the Final Report

VI. UNDERTAKING BY THE GOVERNMENT OF INDIA

1. To facilitate smooth conduct of the Study, the Government of India shall take necessary measures :

- 1-1. To secure safety of the Japanese team.
- 1-2. To permit the members of the Japanese team to enter, leave and sojourn in India for the duration of their assignment therein, and exempt them from alien registration requirements and consular fees.
- 1-3. To exempt the members of Japanese team from taxes, duties and other charges on equipment, machinery and other materials brought into, and out of, India for the conduct of the Study.
- 1-4. To exempt the members of the Japanese study team from income tax and charges of any kind imposed on or in connection with any emoluments or allowances paid to the members of the Japanese study team for their services in connection with the implementation of the Study.
- 1-5. To provide necessary facilities to the Japanese study team for remittance as well as utilization of the funds introduced into India from Japan for the implementation of the Study.
- 1-6. To secure permission for entry into private properties or restricted areas for the conduct of the Study.
- 1-7. To secure permission for the Team to take all data and documents (including maps, photographs) related to the Study out of India to Japan.
- 1-8. To provide medical service as needed. Its expenses will be chargeable on the members of the Japanese study team.

2. The Government of India shall bear claims, if any arises, against the member of the Japanese study team resulting from, occurring in the course of, or otherwise connected with the discharge of their duties in the implementation of the Study, except when such claims arise from gross negligence or willful misconduct on the part of the members of the Japanese study team.

3. Department of Industrial Development, Ministry of Industry (hereinafter referred to as "DID"), shall act as counterpart agency to the Japanese study team and also as coordinating body in relation with other governmental and non-governmental organizations concerned for the smooth implementation of the Study.

4. DID shall, at its own expense, provide the Japanese study team with the following, in cooperation with other organizations concerned :

- 4-1. Available data and information related to the Study
- 4-2. Counterpart personnel
- 4-3. Suitable office space with necessary equipment in India
- 4-4. Credentials or identification cards
- 4-5. Vehicles

5. DID shall constitute a Steering Committee (hereinafter referred to as "the Committee") under the chairmanship of the Secretary of DID for the purpose of smooth and effective implementation of the Study. The Committee will review the progress of work on the feasibility study from time to time in coordination with JICA.

VII. UNDERTAKING BY JICA

For the implementation of the Study, JICA shall take the following measures :

1. To dispatch, at its expense, study teams to India.
2. To pursue technology transfer to the Indian counterpart personnel in the course of Study.

VIII. OTHERS

JICA and DID shall consult with each other in respect of any matters that arise from or in connection with the Study.

TENTATIVE SCHEDULE OF THE STUDY

□ Work in Japan ▨ Work in India

Year	1994												1995							
	1	2	3	4	5	6	7	8	9	10	11	12	13	Jan.	Feb.	Mar.	Apr.	May.	Jun.	
Project Month	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May.	Jun.							
Calendar Month																				
Preparatory Work in Japan (Step 1)	▨																			
Work in India (Step 2)	▨	▨	▨	▨	▨	▨	▨	▨	▨	▨	▨	▨	▨	▨	▨	▨	▨	▨	▨	▨
Presentation of Inception Report	△																			
Presentation of Progress Report		△																		
Presentation of Interim Report																				
Work in Japan (Step 3)		▨	▨	▨	▨	▨	▨	▨	▨	▨	▨	▨	▨	▨	▨	▨	▨	▨	▨	▨
Presentation of Draft Final Report (Step 4)																				
Work in Japan Submission of Final Report in India																				▨

MINUTES OF MEETING
FOR
THE FEASIBILITY STUDY
ON
THE INDUSTRIAL MODEL TOWN
IN
INDIA

BETWEEN
DEPARTMENT OF INDUSTRIAL DEVELOPMENT
MINISTRY OF INDUSTRY
AND
JAPAN INTERNATIONAL COOPERATION AGENCY

NEW DELHI, FEBRUARY 21, 1994

T. Kinoshita

TOSHIO KINOSHITA
LEADER,
PREPARATORY STUDY TEAM,
JAPAN INTERNATIONAL
COOPERATION AGENCY

Akhand Pratap Singh

AKHAND PRATAP SINGH
JOINT SECRETARY
DEPARTMENT OF INDUSTRIAL DEVELOPMENT
MINISTRY OF INDUSTRY

1. The Preparatory Study Team of Japan International Cooperation Agency(JICA) is visiting India from February 13 to 21, 1994 for the purpose of discussing the Scope of work for the Feasibility Study on the Industrial Model Town in India with the concerned authorities of the Government of India.
2. In connection with the above, a Steering Committee meeting was held in February 16, 1994 under the Chairmanship of Mr.Surendra Singh, Secretary of Department of Industrial Development, Ministry of Industry. The Japanese side was led by Mr.Toshio Kinoshita, leader of the Preparatory Study Team(The attendance list is at the Appendix).
3. These records should be read in conjunction with the "Scope of Work" agreed upon between the Government of India and JICA.
4. Special Issues highlighted are indicated below:-

4.1 Regarding the macro issues as mentioned at Item 1-1, 1-2, 3-3 and 3-4 of Article III of Scope of Works of the Study, it was agreed that these have already been substantively covered in the Master Plan Study and hence, in the present study, only a broad overview of these issues will be done.

4.2 Regarding item 2 of Article III, Scope of Work of the Study, it was agreed that the coverage of the investment demand survey on potential investors to IMT will be increased to six (6) countries, such as India, Japan, USA, Germany(existing), and UK and Singapore(new ones). Endeavour will also be made to conduct a detailed and indepth demand study.

Contd...

4.3 Regarding item 3-5 of Article III of Scope of Work Study, Indian side expressed its reservations on any recommendations regarding special incentives. In this connection it was reiterated that the policy framework would be uniformly applicable for the entire country and it is the constant endeavour of the Government to keep on improving these policies with a view to attract foreign investment. Hence, it was decided for the purposes of disseminating information to investors to elaborate only on the measures/incentives which would be available for the IMT and hence it was agreed to change "special incentives" to "Other measures which are available for IMT".

4.4 Regarding item 7-1 of Article III of the Scope of the Works of the Study it was agreed that financial evaluation should be done for several models of financing. Indian side stated that it may not be possible for the Central Government or the State Governments to make substantial financial investment in the project and this should be kept in mind.

4.5 It was agreed that a representative of the Haryana Government would be co-opted as a Member of the Steering Committee.

4.6 Regarding Tentative Schedule in Appendix, Scope of Work of the Study. Indian side requested to start the Study from April of 1994 and to shorten the study period. Japanese side replied it was difficult to accept the request because of budgetary situation of Japan.

STEERING COMMITTEE MEETING

HELD ON 16.2.1994

LIST OF PARTICIPANTS (INDIAN SIDE)

1. Shri Surendra Singh
Secretary
Department of Industrial Development
2. Shri S. Behura,
Joint Secretary
Deptt. of Industrial Development
3. Shri Dilip Lahiri,
Joint Secretary
Ministry of External Affairs.
4. Smt. Rama Murali,
Joint Secretary (JAP)
Deptt. of Economic Affairs
Ministry of Finance
5. Shri S.K. Srivastava
Director,
Deptt. of Industrial Development
6. Smt. Sujata Singh,
Director (ECU)
Ministry of External Affairs.
7. Dr. P.K. Mohanty,
Director
Ministry of Urban Development
8. Shri R. Mandal,
Joint Adviser,
Planning Commission
9. Shri O.P. Shemar,
Industrial Planner,
T.C.P.O.
Ministry of Urban Development
10. Shri M.F. D'Costa,
Manager
Industrial Development Bank of India
11. Shri Sunil Trikha
Dy. Manager,
EXIM Bank of India
12. Shri Puran Singh,
Under Secretary,
Deptt. of Industrial Development.

STEERING COMMITTEE MEETING

HELD ON 16.2.1994

LIST OF PARTICIPANTS (JAPANESE SIDE)

1. Mr. Kinoshita Toshio
Deputy Director
Industrial Development Study Div.
J I C A.
2. Mr. Adachi Itsu
Deputy Director
Industrial Development Study Div.
J I C A.
3. Ms. Miyatake Sumire

North West Division
M I T I.
4. Mr. T. Sakai,
Deputy Resident Representative
JICA India Office
New Delhi.

投資動向及び貿易動向（JETROインド事務所作成）

-投資-

表1 資本技術提携認可件数・金額

	技術	資本+技術	計	ルピー (百万)	米ドル (百万)
1990	472	194	666	1,283.2	71.7
1991	662	289	952	5,341.1	223.5
1992	828	692	1520	38,875.4	1,388.4
1993	534	529	1063	61,129.8	1,940.6

(1月~9月)

*交換レート : 1990=17.8

(1米ドル当) 1991=23.8

1992=28.0

1993=31.5

(出所: S I A Nwes Letter, Ministry of Industry)

表2 国別投資 (単位: 百万ルピー)

主要国名	1991年		1992年		1993年(1-9)	
	件数	金額	件数	金額	件数	金額
米 国	53	1,858.5	155	12,315.0	96	29,063.6
英 国	10	321.0	37	1,176.7	59	5,872.4
スイス	38	355.0	74	6,897.0	24	4,053.4
タ イ	-	(NIL)	4	25.2	2	3,664.0
メキシコ	-	(NIL)	2	52.8	2	2,289.8
ドイツ	35	418.8	81	862.7	50	1,313.7
フランス	11	193.3	20	294.4	15	1,271.9
日 本	15	527.1	44	6,102.3	18	1,078.8
NR1	6	197.0	42	4,391.3	92	6,505.3
その他	121	1,471.2	232	6,756.0	171	6,016.9
計	289	5,341.1	691	38,875.4	529	61,129.8

(出所: S I A Nwes Letter, Indian Investment Centre)

(1)

表3 自由化後の業種別投資（認可ベース）（単位百万ルピー）

業種	91年8月～92年8月		92年9月～93年7月	
	件数	金額	件数	金額
石油精製	4	12,802.5	9	4,674.5
化学（除化学肥料）	74	3,004.8	70	4,090.1
電力	-	-	7	20,138.2
食品加工	42	2,920.7	67	8,367.0
電子機器／部品	108	2,688.4	123	3,346.5
運搬機器／部品	25	1,477.2	19	1,762.5
産業用機械	66	1,119.8	36	1,065.9
その他	299	8,659.2	346	15,642.3
計	618	32,672.6	677	59,087.0

（出所：S I A News Letter）

表4 日本からの投資

	技術	技術+資本	計	金額（百万ルピー）	金額（百万米ドル）
1990	37	9	46	50.0	2.8
1991	57	15	72	527.1	22.1
1992	64	44	108	6,102.3	217.9
1993	49	18	67	1,078.8	34.2

（1-9）

（出所：Indian Investment Centre）

-貿易-

表1 インドの貿易

(単位：1億米ドル)

国名	1991-92 (F.Y)			1992-93 (F.Y)		
	輸出	輸入	バランス	輸出	輸入	バランス
米 国	29.4	20.0	+ 9.4	34.9	21.2	+13.7
C I S	16.2	7.3	+ 8.9	5.8	2.6	+ 3.2
日 本	16.6	13.8	+ 2.8	14.4	14.1	+ 0.3
ドイツ	12.7	15.7	- 3.0	14.3	16.5	- 2.2
英 国	11.4	12.1	- 0.7	12.1	13.9	- 1.8
その他	92.3	125.2	-32.9	102.7	148.9	-46.2
計	178.6	194.1	-15.5	184.2	217.2	-33.0

(出所：Economic Survey 1992-93, Annual Report 1992-93/RBI)

表2 インドの主要品目別輸入

(単位：1億米ドル)

品目	1991-92	伸率(%)	1992-93	伸率(%)
1. 石油/同製品	53	-11.7	61	+15.1
2. プラント/機械	41	-17.2	45	+ 9.7
3. 鉄鋼製品	8	-33.3	7	-12.5
4. 化学品	14	+ 8.1	15	+ 7.1
5. 非鉄製品	3	-50.0	4	+33.3
6. その他	75		85	
計	194	-19.5	217	+11.8

(出所：表1に同じ)

表3 インドの主要品目別輸出

(単位：1億米ドル)

品目	1991-92	伸率(%)	1992-93	伸率(%)
1. 宝飾品	27	- 6.9	30	+11.1
2. ガーメント	22	0	23	+ 4.5
3. 機械/部品、鉄鋼	22	0	24	+ 9.1
4. 繊維製品	13	+ 8.3	13	0
5. 皮革/同製品	12	+14.2	13	+ 8.3
6. 海産物	5	0	6	+20.0
7. その他	87		75	
計	178	- 1.6	184	+ 3.4

(出所：表1に同じ)

表4 1993-94年上半期の貿易 (単位：百万米ドル)

	92年4~9月	伸率(%)	93年4~9月	伸率(%)
輸出	8,545.7	+5.5	10,351.1	+21.1
輸入	11,170.7	+22.5	10,791.6	-3.4
バランス	-2,625.0		-440.5	

(出所：Economic Survey 1992-93, Ministry of Commerce)

表5 インドの主要品目別輸出 (単位：百万米ドル)

品目	1992年4~7月	1993年4~7月	伸率(%)
1. 紅茶	66.07	101.20	+53.2
2. 海産物	159.90	190.73	+19.3
3. 鉄鉱石	135.50	162.65	+20.0
4. 皮革/同製品	387.98	417.11	+7.5
5. 宝飾品	820.22	1206.03	+47.0
6. 化学品	552.68	715.54	+29.5
7. ガーメント	773.13	849.62	+9.9
8. 繊維製品	402.04	468.42	+16.5
9. 機械/部品、鉄鋼	665.57	808.11	+21.4
10. その他	1466.29	1996.68	
計	5429.38	6916.09	+27.4

(出所：Ministry of Commerce)

表6 インドの主要品目別輸入 (単位：百万米ドル)

品目	1992年4~7月	1993年4~7月	伸率(%)
1. 石油/同製品	1965.31	2075.78	+5.6
2. 機械/プラント	974.56	1251.47	+28.4
3. 化学肥料	374.56	237.98	-36.5
4. 化学品	554.41	344.65	-37.8
5. 貴石/半貴石類	829.57	1118.72	+34.9
6. 鉄鋼製品	286.25	218.29	-23.7
7. その他	2557.68	2107.19	
計	7542.34	7354.08	-2.8

(出所：表5に同じ)

(2)

表7 主要国別貿易

(単位：百万米ドル)

国名	1992年(4-7)			1993(4-7)		
	輸出	輸入	バランス	輸出	輸入	バランス
米国	1070.4	722.3	+348.1	1266.6	768.6	+498.0
日本	437.8	433.2	+ 4.6	531.4	438.1	+ 93.3
英国	383.9	481.2	- 97.3	413.8	542.9	-129.1
ドイツ	399.3	622.9	-223.6	482.3	497.1	- 14.8
ベルギー	171.2	621.7	-450.5	239.5	757.9	-518.4
C I S	187.6	62.1	+125.5	227.1	106.1	+121.0

(出所：ministry of Commerce)

表8 インドと日本の貿易

(単位：百万米ドル)

	インドの輸出	インドの輸入	バランス
1987	1. 530	1. 957	- 427
1988	1. 804	2. 081	- 277
1989	1. 977	2. 018	- 41
1990	2. 074	1. 708	+ 366
1991	2. 190	1. 523	+ 667
1992	2. 037	1. 487	+ 550
1992(1-6)	1. 128	730	+ 398
1993(1-6)	1. 157	634	+ 523

(出所：日本貿易月表)

表9 インドの対日主要輸出品目

(単位：百万米ドル)

品目	1991年		1992年		1992(1-6)		1993(1-6)	
	金額	増減(%)	金額	増減(%)	金額	増減(%)	金額	増減(%)
1、ダイヤモンド	546.9	-13.0	519.3	- 5.0	281.9	- 4.1	299.9	+ 6.4
2、鉄鉱石	571.3	+ 7.5	437.3	-23.4	271.5	-23.6	230.3	-15.9
3、えび	259.9	+ 5.7	237.6	- 8.5	102.3	-11.2	153.2	+49.8
4、ガーメント	83.3	+40.1	103.6	+24.4	87.6	+32.2	57.9	-33.8
5、鉄鋼(半製品)	79.0	+89.7	17.7	-77.6	9.1	-74.6	21.2	+133.2
6、グラナイト	60.4	- 1.1	36.0	-40.3	18.5	-41.4	17.8	- 4.0
7、その他	589.6		685.6		356.7		376.3	
計	2,190.4	+ 5.6	2,037.1	- 7.0	1,127.6	- 6.7	1,156.6	+ 2.3

(出所：表8に同じ)

(3)

表10 日本からの主要輸入品目

(単位：百万米ドル)

品目	1991		1992		1992(1-6)		1993(1-6)	
	金額	増減(%)	金額	増減(%)	金額	増減(%)	金額	増減(%)
1、エンジン等	197.3	+42.6	186.0	-5.7	99.0	+31.0	61.4	-38.0
A)エンジン部品	38.6	-3.2	33.9	-12.2	17.6	-9.1	13.3	-24.5
2、産業用機器	90.4	-13.1	106.3	+17.6	51.6	-0.4	43.8	-15.1
A)繊維機器	66.6	+10.4	73.1	+9.9	35.7	-8.3	40.0	-10.4
3、コンピューター	7.1	-65.1	7.3	+2.8	3.5	-5.8	6.3	+81.3
4、発電用機器	148.2	+94.0	94.0	-36.6	48.4	-37.7	25.8	-46.6
5、通信用機器	25.6	+99.5	18.7	-24.3	6.2	-59.6	10.4	+68.5
6、オーディオ機器	20.4	-49.1	15.4	-24.5	7.9	-20.5	4.9	-37.8
7、電気部品	45.2	-20.1	44.7	-1.1	26.9	+22.8	14.8	-45.0
8、輸送用機器	130.9	-7.4	69.2	-47.1	28.7	-58.4	44.5	+54.8
A)自動車	112.5	-5.0	57.5	-48.9	25.2	-57.1	37.6	+49.2
9、精密機器	67.4	-41.4	77.8	+15.4	35.5	-13.4	38.9	+1.1
10、鉄鋼	127.5	-44.5	152.6	+19.7	64.7	-17.8	58.7	-9.2
11、有機化学品	69.4	-35.4	85.7	+23.4	40.1	+20.0	49.2	+22.9
12、その他	375.4		628.9		317.6		275.2	
計	1,522.8	-10.9	1,486.6	-2.4	730.1	-6.7	633.9	-13.0

(出所：表8に同じ)

S I A NEWS LETTER (投資状況：工業省作成)

SIA NEWSLETTER

VOL. II NO. 9

JANUARY, 1994

JANUARY : 1994

**Secretariat For Industrial Approvals
Department of Industrial Development
Ministry of Industry
Government of India
New Delhi - India**

THIS ISSUE CONTAINS:-

1. Foreign Collaboration approvals - Comparative Figures.
2. Foreign Collaboration approvals - Comparative Figures (Post-Policy Period).
3. Statement showing country-wise breakup of foreign investment approvals during 1991 to 1993.
4. Sector-Wise Breakup of Foreign Investment and Technical Collaboration Approvals Accorded During the Post Policy Period (i.e. August, 1991 to December, 1993).
6. Details of proposals approved by Foreign Investment Promotion Board (FIPB) during December, 1993.

At the commencement of 1994, there is considerable satisfaction to be derived by taking stock of India's economic reforms programme. Foreign investment approvals in the post-policy period stand at Rs. 131.6 billion. Of these Rs. 88.6 billion has been approved in 1993 alone. Actual inflows of FDI from 1991 to November, 1993 are as much as Rs. 26.44 billion. India is set on a growth path and there is worldwide acknowledgement that India's economy now offers huge opportunities for pioneers with the will to create markets and industries. Some persisting misgivings about the nature, content and stability of these reforms are, however, still discernible. Interaction with foreign investors reveals that in some quarters imperfect perceptions are causing doubts about the government's commitment to reforms and their future. It is thus important for those engaged in dissemination of information to provide the correct perspective.

The goals and objectives set out for the nation on the eve of independence, namely, rapid agriculture and industrial development, promotion of opportunities for gainful employment, progressive reduction of social and economic disparities, removal of poverty and attainment of self-reliance remain as valid today. Economic liberalization aims at attainment of these goals and objectives at an accelerated pace. The reforms are not confrontationist but based on consensus and seek to further the objectives which the nation has always considered paramount.

Past economic policies which were propelled by socio-economic compulsions (relevant even today) created a climate for rapid industrial growth in the country. Thus on the eve of the Seventh Five Year Plan, a broad based infrastructure had been built up. Basic industries had been established. A high degree of self-reliance in a large number of items - raw materials, intermediates, finished goods - had been achieved. New growth centres of industrial activity had emerged, as had a new generation of entrepreneurs. A large number of engineers, technicians and skilled workers had also been trained. Indian Industry showed an impressive average annual growth rate of 8.5% in the Seventh Plan Period.

The current economic reforms programme recognizes, however, that in the process a dysfunctional industrial and trade regulatory system had developed and this had begun to inhibit the very forces which the Government had sought to promote viz. competition, efficiency, technology, upgradation, exports etc. The reforms programme therefore draws upon the past and visualizes new horizons. The major objectives of the new economic initiatives is to build on the gains already made, correct the distortions or weaknesses that may have crept in, maintain a sustained growth in productivity and gainful employment and attain international competitiveness. The Government's policy is and will be continuity with change. It envisages a careful calibration between stabilization and structural reforms.

India has always been a market economy notwithstanding its so-called "planned economic model". The Post-Independence political history of India should be evidence that there is invariably *continuity* and *forward* movement in policies. In a democracy as large as India different views are natural; there is, however, no logical conclusion that these imply instability of purpose or intent. Different governments in the past undertook no major reversal or change of economic policies even though a few decisions may have sent negative signals to the world.

The transformation of the Indian economic scenario should therefore infuse confidence rather than raise doubts. Any contribution which the SIA Newsletter makes towards dispelling these doubts directly or through its readers would be a matter of considerable satisfaction to the Government of India and particularly its Department of Industrial Development.

With best wishes,

Sd/-

(SURENDRA SINGH)

Secretary

Ministry of Industry

Department of Industrial Development

New Delhi
21st January, 1994

1. FOREIGN COLLABORATION APPROVALS — COMPARATIVE FIGURES

	1990	1991	1992	1993
1. Total No. of Foreign Collaboration approvals by:				
i) SIA	666	760	585	307
ii) RBI	—	188	736	676
iii) FIPB	—	2	199	493
TOTAL	666	950	1520	1476
2. No. of FC approvals involving foreign investment:				
i) SIA	194	246	243	59
ii) RBI	—	41	251	235
iii) FIPB	—	2	198	491
TOTAL	194	289	692	785
3. Total amount of foreign investment involved (Rs. in Billions)				
i) SIA	1.2	3.6	4.2	1.6
ii) RBI	—	1.4	7.8	6.6
iii) FIPB	—	0.3	26.9	80.4
TOTAL	1.2	5.3	38.9	88.6

Note: 1 Billion = 100 Crores.

SIA — Secretariat for Industrial Approvals

RBI — Reserve Bank of India

FIPB — Foreign Investment Promotion Board

2. FOREIGN COLLABORATION APPROVALS — COMPARATIVE FIGURES

(Post-Policy Period)

	Ist Year	IInd Year	IIrd Year	Total of Post Policy Period	
	1991-92 (Aug.-July)	1992-93 (Aug.-July)	1992 (Aug.-Dec.)	1993 (Aug.-Dec.)	1991-93 (Aug.-Dec.)
1. Total No. of Foreign Collaboration approvals by:					
i) SIA	879	327	150	130	1336
ii) RBI	638	690	286	272	1600
iii) FIPB	20	411	181	263	694
TOTAL	1537	1428	617	665	3630
2. No. of FC approvals involving foreign investment:					
i) SIA	360	78	42	23	461
ii) RBI	189	238	103	100	527
iii) FIPB	20	410	180	261	691
TOTAL	569	726	325	384	1679
3. Total amount of foreign investment involved (Rs. in Billions)					
i) SIA	5.0	3.0	1.6	0.3	8.3
ii) RBI	6.0	5.4	3.3	4.3	15.7
iii) FIPB	8.5	63.8	18.6	35.3	107.6
TOTAL	19.5	72.2	23.5	39.9	131.6

Note: 1 Billion = 100 Crores.

SIA — Secretariat for Industrial Approvals

RBI — Reserve Bank of India

FIPB — Foreign Investment Promotion Board

**3. STATEMENT SHOWING COUNTRY-WISE BREAKUP OF FOREIGN
INVESTMENT APPROVED DURING 1991 TO 1993**

Sl.No.	Name of Country	1991			1992			1993		
		SIA	RBI	TOTAL	SIA	RBI	TOTAL	SIA	RBI	TOTAL
		(Rupees in millions)								
1.	U.S.A	1396.5	462.0	1858.5	9398.1	2916.9	12315.0	32481.8	2137.0	34618.8
2.	U.K	243.2	77.8	321.0	693.4	483.3	1176.7	5071.7	1155.6	6227.3
3.	OMAN	—	—	—	—	—	—	5429.8	—	5429.8
4.	SWITZERLAND	347.4	7.5	355.0	6301.0	596.6	6897.6	3775.2	492.8	4268.0
5.	U.A.E.	22.0	—	22.0	24.5	40.0	64.5	4044.9	—	4044.9
6.	THAILAND	—	—	—	24.1	1.1	25.2	3684.2	—	3684.2
7.	NETHERLANDS	233.3	325.9	559.2	877.4	90.5	967.9	3080.8	135.7	3216.5
8.	JAPAN	195.5	331.6	527.1	4973.7	1128.6	6102.3	2402.0	172.3	2574.3
9.	MEXICO	—	—	—	52.0	0.8	52.8	2389.8	—	2389.8
10.	GERMANY	401.2	16.8	418.0	476.8	385.9	862.7	1471.8	287.5	1759.3
11.	IRELAND	—	—	—	—	0.1	0.1	1656.4	—	1656.4
12.	FRANCE	91.3	102.0	193.3	134.0	162.4	296.4	1247.8	43.1	1290.9
13.	MAURITIUS	—	—	—	—	—	—	110.0	1132.4	1242.4
14.	ITALY	174.2	3.9	178.1	881.6	12.3	893.9	1092.6	80.9	1173.5
15.	HONGKONG	211.5	—	211.5	522.5	48.3	570.8	858.6	20.9	879.5
16.	AFGANISTAN	—	—	—	—	—	—	—	1.0	1.0
17.	ARMENIA	—	—	—	—	—	—	—	1.0	1.0
18.	AUSTRALIA	13.4	12.7	26.1	648.2	128.0	776.2	280.9	14.7	295.6
19.	AUSTRIA	15.9	—	15.9	56.0	5.4	61.4	132.2	23.5	155.7
20.	BAHAMAS	—	—	—	7.5	—	7.5	—	—	—

Sl.No.	Name of Country	1991			1992			1993		
		SIA	RBI	TOTAL	SIA	RBI	TOTAL	SIA	RBI	TOTAL
		21.	BEHRAIN	—	—	—	4.0	—	4.0	—
22.	BELGIUM	16.1	—	16.1	235.0	2.0	237.0	12.9	47.1	60.0
23.	BERMUDA	—	—	—	—	33.2	33.2	—	—	—
24.	BELORUSSIA	—	—	—	—	—	—	—	0.5	0.5
25.	BRITISH VIRGINIA	—	—	—	—	—	—	46.0	—	46.0
26.	BRAZIL	0.1	—	0.1	1.0	0.1	1.1	—	—	—
27.	CANADA	10.7	37.9	48.6	2.5	5.3	7.8	271.6	1.2	272.8
28.	CAYMAN ISLAND	—	—	—	—	—	—	—	30.0	30.0
29.	CHINA	7.5	—	7.5	—	—	—	325.5	291.1	616.6
30.	CZECHOSLOVAKIA	—	—	—	52.6	—	52.6	—	—	—
31.	CZECH REPUBLIC	—	—	—	—	—	—	4.4	—	4.4
32.	DENMARK	111.7	—	111.7	86.2	166.1	252.3	262.5	57.4	319.9
33.	ESTONIA	—	—	—	—	—	—	70.0	—	70.0
34.	FINLAND	25.3	—	25.3	104.2	0.8	105.0	20.7	—	20.7
35.	HUNGARY	—	—	—	—	—	—	11.7	11.0	22.7
36.	INDONESIA	—	—	—	16.4	2.6	19.0	3.8	—	3.8
37.	ISRAEL	—	—	—	—	12.7	12.7	14.6	—	14.6
38.	KAZAKISTAN	—	—	—	—	—	—	—	15.0	15.0
39.	KOREA (NORTH)	1.6	—	1.6	—	—	—	—	—	—
40.	KOREA (SOUTH)	61.5	—	61.5	362.6	31.4	394.0	271.3	22.0	293.3
41.	KUWAIT	—	—	—	—	0.9	0.9	—	0.5	0.5
42.	LATVIA	—	—	—	2.6	—	2.6	—	—	—

Sl.No.	Name of Country	1991			1992			1993		
		SIA	RBI	TOTAL	SIA	RBI	TOTAL	SIA	RBI	TOTAL
43.	LUXEMBOURG	—	—	—	—	—	—	1.2	27.8	29.0
44.	MALAYSIA	1.8	—	1.8	—	744.3	744.3	69.6	15.2	84.8
45.	MALTA	—	—	—	—	1.3	1.3	—	—	—
46.	NEW ZEALAND	—	—	—	1.1	2.1	3.2	0.5	—	0.5
47.	NORWAY	—	3.8	3.8	—	9.2	9.2	0.2	26.5	26.7
48.	PANAMA	—	—	—	—	—	—	—	25.5	25.5
49.	PHILIPPINES	—	—	—	50.0	—	50.0	128.5	4.0	132.5
50.	POLAND	0.4	—	0.4	—	—	—	1.5	—	1.5
51.	PORTUGAL	1.6	—	1.6	12.0	—	12.0	140.0	—	140.0
52.	QATAR	—	—	—	—	45.3	45.3	—	—	—
53.	RUSSIA	56.1	30.0	86.1	99.1	16.8	115.9	17.1	2.4	19.5
54.	SAUDI ARABIA	—	—	—	3.0	0.1	3.1	106.2	2.5	108.7
55.	SINGAPORE	12.5	1.2	13.7	571.8	30.3	602.1	564.4	103.0	667.4
56.	SLOVAKIA	—	—	—	—	—	—	0.5	—	0.5
57.	SPAIN	3.3	—	3.3	—	19.2	19.2	98.0	—	98.0
58.	SRI LANKA	—	—	—	—	—	—	15.1	—	15.1
59.	SWEDEN	60.9	8.9	69.8	254.2	229.9	484.1	—	6.2	6.2
60.	TAIWAN	4.5	—	4.5	177.7	2.3	180.0	67.8	32.3	100.1
61.	UKRAINE	—	—	—	0.1	8.3	8.4	2.8	—	2.8
62.	URUGUAY	—	—	—	—	0.1	0.1	—	—	—
63.	VIRGIN ISLANDS	—	—	—	—	5.3	5.3	—	—	—
64.	WEST INDIES	—	—	—	—	3.0	3.0	—	—	—

Sl.No.	Name of Country	1991			1992			1993		
		SIA	RBI	TOTAL	SIA	RBI	TOTAL	SIA	RBI	TOTAL
65.	YUGOSLAVIA	—	—	—	—	4.4	4.4	—	—	—
66.	NRI*	197.0	—	197.0	3997.6	393.7	4391.3	10318.8	114.4	10433.2
67.	ALL COUNTRIES INCLUDING ABOVE	3918.7	1422.4	5341.1	31104.5	7770.9	38875.4	82057.2	6536.1	88593.3

Note: i) 1 Million = 10 Lakhs

ii) SIA approvals in 1991, 1992 and 1993 include cases approved by FIPB also.

** Represents NRI Proposals only.

**4. LIST OF INDUSTRY-WISE BREAK-UP OF FOREIGN COLLABORATION CASES
APPROVED BY THE GOVERNMENT DURING THE PERIOD FORM 01-08-91 TO 31-12-93
(POST-POLICY PERIOD)**

Sl. No.	Name of the Industry	(Rs. in millions)											
		Ist and IInd Year (Aug. 1991 to July 1993)			IIIrd Year (Aug. 1993 to Dec. 1993)			Total (Aug. 1991 to Dec. 1993)					
		Total	Tech.	Fin. Amount	Total	Tech.	Fin. Amount	Total	Tech.	Fin. Amount	Total	Tech.	Fin. Amount
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
1.	Metallurgical Industry	140	91	49	5,758.70	25	11	14	7,449.63	165	102	63	13,208.33
2.	Fuels i) Power ii) Oil Refinery iii) Other	7 16 40	— 3 28	7 13 12	20,138.15 16,790.02 686.95	— 2 14	— 2 5	— 2 9	— 5,427.50 246.92	7 18 54	— 3 33	7 15 21	20,138.15 22,217.52 933.87
3.	Boilers & Steam	18	12	6	545.87	6	4	2	1.10	24	16	8	546.97
4.	Prime Movers (Other than Elect. Generators)	1	1	—	—	—	—	—	—	1	1	—	—
5.	Electrical Equipment	526	295	231	6,034.93	125	53	72	4,948.78	651	348	303	11,037.32
6.	Telecommunication	62	40	22	1,347.04	6	4	2	447.20	68	44	24	1,794.24
7.	Transportation	146	102	44	3,240.14	30	16	14	1,476.88	176	118	58	4,717.02
8.	Industrial Machinery	386	284	102	1,286.32	56	35	21	740.98	442	319	123	2,027.30
9.	Machine Tools	39	23	16	139.64	10	4	6	70.10	49	27	22	209.74
10.	Agricultural Machinery	13	10	3	55.40	3	3	—	—	16	13	3	55.40
11.	Earth Moving Machinery	19	13	6	9.27	5	4	1	3.06	24	17	7	12.33
12.	Misc. Mechanical & Engg. Industry	124	75	49	695.07	24	11	13	85.15	148	86	62	780.22
13.	Commercial, Office & Household Equipment	32	20	12	676.68	3	2	1	54.00	35	22	13	730.68
14.	Medical & Surgical Appliances	19	7	12	63.14	3	1	2	57.00	22	8	14	120.14
15.	Industrial Instrument	54	34	20	173.15	9	7	2	10.97	63	41	22	184.12
16.	Scientific Instrument	21	7	14	345.35	—	—	—	—	21	7	14	345.35
17.	Mathematical, Surveying & Drawing Instruments	—	—	—	—	—	—	—	—	—	—	—	—
18.	Fertilizers	7	6	1	9.90	6	5	1	16.56	13	11	2	26.46
19.	Chemicals (Other than Fertilizers)	414	279	135	6,527.82	62	32	30	1,991.37	476	311	165	8,519.19
20.	Photographic Raw Film & Paper	4	3	1	79.00	2	—	2	107.32	6	3	3	186.32

Sl. No.	Name of the Industry	Ist and IInd Year (Aug. 1991 to July 1993)			IIIrd Year (Aug. 1993 to Dec. 1993)			Total (Aug. 1991 to Dec. 1993)					
		Total	Tech.	Fin.	Total	Tech.	Fin.	Total	Tech.	Fin.			
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
21.	Dye stuffs	3	-	3	127.30	1	-	1	9.25	4	-	4	136.55
22.	Drugs & Pharmaceuticals	46	26	20	478.17	16	7	9	130.51	62	33	29	608.67
23.	Textiles (including those dyes, printed or otherwise processed)	87	31	56	2,053.14	28	10	18	250.27	115	41	74	2,303.39
24.	Paper & Pulp including paper products	30	23	7	222.47	9	5	4	1,131.75	39	28	11	1,354.22
25.	Sugar	2	-	2	535.00	-	-	-	-	2	-	2	535.00
26.	Fermentation Inds.	14	5	9	699.85	7	-	7	824.50	21	5	16	1,524.35
27.	Food Processing Inds.	151	42	109	11,287.65	45	4	41	2,191.40	196	46	150	13,479.05
28.	Vegetable Oil & Vanaspati	12	2	10	158.25	2	-	2	25.00	14	2	12	183.25
29.	Soaps, Cosmetics &	7	3	4	191.63	1	-	1	1.70	8	3	5	193.33
30.	Rubber Goods	40	26	14	120.18	8	4	4	455.20	48	30	18	575.38
31.	Leather, Leather Goods and Pickers	35	11	24	353.24	12	4	8	98.45	47	15	32	451.69
32.	Glue & gelatin	-	-	-	-	-	-	-	-	-	-	-	-
33.	Glass	19	14	5	510.69	-	-	-	-	19	14	5	510.69
34.	Ceramics	67	25	42	546.49	9	5	4	46.20	76	30	46	592.69
35.	Cement & Gypsum products	18	12	6	188.20	2	2	-	-	22	15	7	440.20
36.	Timber Products	1	1	-	-	2	-	2	1.60	3	1	2	1.60
37.	Defence Industries	2	2	-	-	-	-	-	-	2	2	-	-
38.	Consultancy Services	65	24	41	255.86	9	3	6	4.15	74	27	47	260.01
39.	Service Sector	57	8	49	5,019.59	32	1	31	7,148.19	89	9	80	12,167.78
40.	Hotel & Tourism	36	15	21	2,604.89	14	3	11	3,072.52	50	18	32	5,677.41
41.	Trading Co.	60	-	60	203.03	11	-	11	76.98	71	-	71	280.01
42.	Misc. Industries	125	67	58	1,601.49	64	34	30	319.35	189	101	88	1,920.84
	Total	2965	1670	1295	91,759.66	665	281	384	39,854.49	3,630	1,951	1,679	1,31,614.15

Total	Investment Approved (Rs. in millions)	
	Technical	Financial
A. Annex-III	1697 (86.98%)	1292 (76.95%)
B. Non-Annex-III	254 (13.02%)	387 (23.05%)
Total	1951	1679

Note:— The break-up of Foreign Investment approved during the Post Policy Period (i.e. 01-08-1991 to 31-12-1993) in Annex-III and Non-Annex-III Industries are as follows:—

**5. FOREIGN COLLABORATION PROPOSALS APPROVED BY FOREIGN INVESTMENT PROMOTION BOARD
(FIPB)
DURING DECEMBER, 1993**

Sl. No.	Name of Foreign Collaborator	Country	Name of Indian Company	Item of Manufacture	Amount	% Equity
606.	Brah F. Bracant & Associates Pty. Ltd. Australia	Australia	Aditya Industries Ltd. 6-3-655/2/2, Somajiguda Hyderabad-500 482.	Synthetic Rutile	171.13	48.00
607.	WRS Pacific Ltd. Australia	Australia	Waste Recovery Systems India Ltd. 6-3-655/2/2 Somajiguda Hyderabad-500 482	Organic NPK Fertiliser	16.56	38.00
608.	Peroxygen Technologies Ltd. British Virgin Island	British Virginia	Asian Peroxides Limited Leejavati Building 69, Armentan Street Madras-600 001.	Hydrogen Peroxide	40.51	59.00
609.	China Metallurgical Imports & Exports Corporation China	China	Mideast Integrated Steel Ltd. H-1, Zamrudpur Community Centre Kailash Colony New Delhi-110 048	PIG Iron	247.22	20.62
610.	Jean Martin Estrabaud S.A. Chemin De Gautard 81200 Mazamet	France	ME-Bharat Leathers Private Limited 33 KM Stone G.T. Road, Nathupur Soanipat, Haryana.	Sheep and Goat Skins, Finished Leather from Chrome Tanned Crust Stage.	6.40	40.00
611.	Mr. Dieter Reeb, Ritterstr 8 D-7850, Lorrach 6 Germany	Germany	Kalmatia Sanganam Travels Private Limited 8/3 Shanti Niketan New Delhi-110021	Hotels and Tourism Related Industry	3.65	73.00
612.	M/s. Reiners Verwaltungsgesellschaft MBH Blumenberger Str. 143-145 D-41061 Monchengladbach Germany	Germany	Schlafhorst Marketing Company Ltd. Mafatal Centre, 8th Floor Nariman Point, Bombay-400 021	To provide technical and Marketing skills and Related Services such as Commissioning and after Sale Servicing of Highly	2.00	33.33

Sl. No.	Name of Foreign Collaborator	Country	Name of Indian Company	Item of Manufacture	Amount	% Equity
613.	Mr. Patrick Bauer AM Schutzenstuck i6 66954 Pirmasens Germany.	Germany	Adityaa Leather Exports Pvt. Ltd. 528, Poonamallee High Rd. Arumbakkam Madras-600 106 Tamil Nadu	Leather Jackets and Accessories	1.25	50.00
614.	Reiners Verwaltungsgesellschaft MBH. Blumenberger STR. 143-145 D-41061 Monchengladbach Germany.	Germany	Padmatex Engineering Limited Mafadal Centre 8th Floor Nariman Point Bombay-400 021	Textile Machineries Viz. Automatic Cone Winding Machine, Draw Frame, Speed Frame And Plastic	5.84	55.51
615.	Pharma Plan GMBH. Königsteiner Straße-2 D 6380 Bad Homburg Germany	Germany	Biomedical Hitech Industries Inmdia Ltd. 19, Jostier Street Naangumbakkam. Madras-600 034	Intravenous Cannulae (Type- 1/Type 2) and Scalp vein sets	55.00	44.00
616.	Neumag Neumunstersche Maschinen- Und Anlagentbau Gmb Christian Straße 160-164 2350 Neumunster Germany	Germany	Neumag SCB India Private Limited SCB Complex, Western Express Highway, Gurgaon (East), Bombay-400 063	For Providing Technical Consultancy/services and Turn-key project and know-how in respect of man-made fibre plant and	0.50	50.00
617.	Hoechst AG Germany	Germany	Hoechst India Ltd. Hoechst House Narman Point Backbay Reclamation Bombay-400 021	Bulk Drugs and Formulatoins	12.90	51.00
618.	M/s. Basf Aktiengesellschaft 6700 Ludwigshafen Germany	Germany	BASF India Ltd. Rhose Poulenc House Sudam Kalu Ahire Marg, Bombay-400 025	Leather chemicals and Auxiliaries Including Specialised Metal Complex Leather dyes (excluding	11.98	60.00
619.	KFC (A subsidiary of Pepsico Ind.) 6F, AIA BIDG. 1, Stubbs Road, Wanchai Hongkong.	Hongkong	--	To set up a wholly owned Subsidiary in India, for setting up KFC restaurants. The restaurants will be managed and coordinated	631.80	100.00
620.	Wire & Coil Limited, Balhazar u 10, 4220-Hajduboszormeny Hungary.	Hungary	R.B. Aurolite Ltd. 40/37, Chitranjan Park New Delhi-110 019	To set up and operate Fluorescent Tubes & Lamps	10.50	70.00

Sl. No.	Name of Foreign Collaborator	Country	Name of Indian Company	Item of Manufacture	Amount	% Equity
621.	Deltic Management Ltd. 9 Clare Street Dublin 2 Ireland.	Ireland	Chateau International Inn Pvt. Ltd. F/48, Bhagat Singh Market New Delhi-110 001	To set up and operate Five/Seven Star Hotel cum Commercial Complex	1638.40	71.00
622.	M/s. Royal Tara China Ireland Ltd. Tara Hall Glaway Ireland.	Ireland	IDEAL Ceramics Limited A2725, Safdarjung Enclave New Delhi-110 029	Ceramic Tablewares and Allied Products in Bone China, Porcelain and Vitreous China.	3.00	9.23
623.	Mr. Loredano Paroli. Italy.	Italy	ISIM Garments Private Limited 2nd Floor 119 Vepey High Road, Periamet, Madras-600 003	Leather Garments	1.30	65.00
624.	Fujitsu Limited 6-1, Maninouchi 1-Chome Chiyoda-Ku Tokyo 100, Japan	Japan	Madhya Pradesh State Electronics Dev. Corpn. Ltd. Optel Telecommunications Ltd.	Microwave Radio Communication systems, Optical subscriber loop Systems and PDH Optical and Multiplex System for	317.20	61.00
625.	E WHA Foam Korea Co. 24 14 3GA Chunggu Choongmu Ro, Seoul South Korea	Korea (South)	E-WHA Foam India Limited 15, Sethia Bhuvan, 12 D.D. Sahe Marg, Prarthana Samaj, Bombay-400 004.	Cellular Polyethylene & Polypropylene Sheets	10.24	21.56
626.	Korea Sports Goods Co. Ltd. 421-160 Nai-Dong Jung Ku Punchun City Kyongki Do Korea	Korea (South)	A.K. Bajona C/o Sarveshwari Gases Pvt. Ltd. 23, Masjid Road, Jangpura, New Delhi	Soccer Balls, Volley Balls, Basket Balls, Any Other Inflatable Balls	4.80	19.59
627.	Green Mate Corporation, Korea. and Hero Corporation, Korea.	Korea (South)	Cupid Rubbers Ltd. 22, Krishna Niwas, 500 Kalbedevi Road, Bombay-400 002	Rubber Propylactics (condoms)	18.00	30.00
628.	Paul Wurth SA, 32, Rau D'Alasce L-1122, Luxembourg	Luxembourg	Paul Wurth India Private Limited 10 D, Sagar Apartments, 6 Tilak Marg, New Delhi-110 001.	Engineering Service	1.24	50.80
629.	NRI	—	M/s. Empower India, No. 414, 1st Cross, 7th Main Road, Hal II Stage, Bangalore-560 008.	Computer Software	2.00	100.00

Sl. No.	Name of Foreign Collaborator	Country	Name of Indian Company	Item of Manufacture	Amount	% Equity
630.	M/s. Caltrae Corporation Ltd. (An OCB controlled by Shri G.S. Gill, NRI) 16, Dumaresq Street, St. Helier, Jersey, Channel Island, U.K.	—	Sonali Projects Ltd. 9/1, R.N. Mukherjee Road Calcutta-700 001	Co-Promotion of New Projects and Investment in Shares and Security	3.75	37.50
631.	Mr. Ramesh V. Kapur, NRI 20, Hall Street, Medford Mass 02155 U.S.A.	—	Med-Tech Paper Converters (India) Pvt. Ltd. 8 Mirza Street Bombay 400 003 Maharashtra	Art Paper - 1630 TPA, Chrono Paper - 1350 TPA	9.87	89.80
632.	NRI	—	Mast International A-108 Wazirpur Industries, Area Delhi-110 052	Parts And Accessories of Motor Vehicles Viz Tierod Ends, Universal	0.45	15.00
633.	NRI	—	PMP Electronic Ltd. 427, Lajpat Rai Market, Delhi-110 006	Blended Spice Oils and Oleoresins	2.40	30.00
634.	NRI	—	Valvo Scrap Recycling Pvt. Ltd. Near Gids Maluva Distt. Bhavnagar 364290 Gujarat	Recycled Items from Imported Scrap Such as Mild Steel, Scrap Iron, Copper, Aluminium etc.	0.63	25.00
635.	NRI	—	ACE Stonecraft Ltd. 512, Devika Tower 6 Nehru Place New Delhi-110 019	Mirror Polished/Bushhammered/ Flammed Granite Slabs	30.00	15.00
636.	NRI	—	Chantara Textiles Ltd. 721, Granis Building Arthur Bunder Road Bombay-400 005	Terry Towel	80.00	40.00
637.	Mr. V.K. Sachdeva, Mrs. N. Sachdeva & Mr. A.K. Sec NRI's based in Thailand	—	Goodluck Overseas Traders (India) C-5/3 Safdarjung Development Area New Delhi-110 016	Garments (Cotton/Rayon), Textiles/Clothes, Leathergoods etc.	1.50	50.00
638.	NRI	—	Mark Exhaust Systems Limited 606, Vishal Bhawan Nehru Place, New Delhi-110 019	Silencer-Exhaust Pipes & sub Assemblies	2.45	50.00

Sl. No.	Name of Foreign Collaborator	Country	Name of Indian Company	Item of Manufacture	Amount	% Equity
639.	NRI	—	Madhya Pradesh Glychem Industries Ltd. 12/8, New Palasia Indore-452001	Soyabean Solvent Extracted Oil	10.00	8.00
640.	NRI	—	Akay Flavours and Aromatics Pvt. Ltd. Mallankunnu Mutthukonam Dist. Pathanamthitta Kerala	Essential Oils (Pepper, Turmeric, Celery)	14.50	91.00
641.	NRI	—	Ruchi Soya Industries Limited 214, Tulstani Chambers Tulstani Chambers Nariman Point Bombay-452 001	Soya De-Oiled Cake	15.00	12.00
642.	Nimex Italia SRL Via G. La Pira Monommano Terme, Pistoia Italy.	—	Micro Tubes Private Limited D-70A East of Kailash, New Delhi-110 065	Complete Leather Footwear And Composites	13.00	54.16
643.	Shri Kantil Jannadas, NRI. (M/s. Danecake (Portugal) S.A.)	—	Dancake Food Services India Pvt. Ltd., 33, Nathalal Parekh Marg, Bombay.	Cakes, Swill Rolls, Cup Cakes and Rusks.	55.60	49.00
644.	NRI (M/s. Indus Ind Holdings Ltd., Mauritius)	—	M/s. Indusind Holdings Ltd. Advani Chambers, Ground Floor, Near Salimar Hotel, Kemps Corner, Bombay - 400 026.	Commercial Banking, Financial Services, Housing, Media Companies, Insurance.	3159.00	51.00
645.	Shri S. Ramakrishnan & Ramakrishnan, NRIs	—	Shreyas Shipping Private Limited 97 Jolly Maker Chambers 11, Nariman Point, Bombay-400 001	To operate the only Indian Container Ship on a Lease Basis.	200.00	57.00
646.	Dallem Vecia P.B.V. Holland	Netherlands	Mrs. C. Nirmala C/o SLX Corporation Unit No. 1, 2nd Floor, Anrubha Hills, Topaz Bldg., Punjagutta, Hyderabad-400 021	Mushroom Cultivation and Canning	10.00	11.00

Sl. No.	Name of Foreign Collaborator	Country	Name of Indian Company	Item of Manufacture	Amount	% Equity
647.	Sobel Pharma BV. Kannalijk Noort 20-21 Post Box 9 NL 5690 AA Son Netherlands	Netherlands	Vikram Tanna 87, Nariman Bhawan Nariman Point	Pharmaceutical, Nutritional AI And Cosmetic Products in Soft Gelatine Capsules.	65.90	73.20
648.	CP Import BV, Netherlands Chasserid 7 4811 DH, Breda Netherlands.	Netherlands	Tana Tea Limited 1, Bishop Lefroy Road Calcutta-700 020.	Round Tea Bags and Tea in Cartons	50.00	50.00
649.	Moerheim Roses and Trading by. Dorpsstraat, 11A, 1191, BG Ouderkerk Holland	Netherlands	Bubna Major Miotech Ltd. 201 Marine Chambers New Marine Lines, Bombay-400 020.	Out Flowers (Fresh)	1.78	4.61
650.	Mr. Richard Alan Pipe New Zealand.	New Zealand	M/s. Ioline Data Systems (P) Ltd. 301, Gera Chambers, Boat Club Road, Pune - 411 001.	Computer Software	0.45	30.00
651.	Asian Finance & Investment Corporation Ltd 24th Floor Pacific Star Building Makati Avenue 1200 Metro Manila Philippines	Philippines	SSB Industries Ltd. Dhun Building 827, Annasaalai Madras-600 002	Metal Oxide Varistors Blocks and Assembly of Surge Arrestors.	4.00	17.09
652.	Crocodile International Pte Ltd. 3 UBI Avenue 3 Crocodile House Singapore	Singapore	Crocodile India Pvt. Ltd. 19/4, I Main Road Jayamahal Extension Bangalore-560046	Readymade Garments for Men, Women and Children	4.00	40.00
653.	Harlau Singapore	Singapore	Ideal Vitamin Food Products Limited 86, Sarang Street 2nd Floor, Bombay-400 003 Maharashtra.	Coconut Products, Dairy Milk, Mineral Water, Other Fruit Juice & Fruit Products in Aseptic Tetra Packs.	20.50	21.05
654.	Carnet Pte Ltd. Singapore	Singapore	Morgan Telectronics Ltd. A-11, Sector-5, Noida Dist. Ghaziabad (U.P.)	Air Conditioners	3.00	50.00

Sl. No.	Name of Foreign Collaborator	Country	Name of Indian Company	Item of Manufacture	Amount	% Equity
655.	Vistex Impex Pte Ltd. Singapore	Singapore	Ausind Exports Limited 20 Moors Road Madras-600 006	Extruded Plastic Bags	14.90	31.00
656.	Aisna Finance And Investment Corporation. 80, Raffles Place # 56-01 UOB Plaza Singapore 0104.	Singapore	Premier Polyfilm Ltd. C-4, Commercial Centre Safarjung Development Area, New Delhi-110 016	PVC Films Sheets for Blister Packaging & Packaging of Manufacture Material	12.30	26.06
657.	Agrolimen SA Muntaner 262 - 08021 Barcelona Spain	Spain	Dabur India Limited. Harsha Bhava, Block E Connaught Place, New Delhi-110 001.	Chewing Gum & Other Confectionery Products	90.03	51.00
658.	Ceylon Supply & Development Company Sri Lanka	Sri Lanka	—	Fozen Placentae	15.10	60.00
659.	M/s. Digital Image Systems AG Rundhaus CH 5034 SUHR Switzerland.	Switzerland	—	Software Development	5.00	100.00
660.	Mr. Edwin Burgener, No. 4 Karholien Breitenbach CH - 4226 Switzerland.	Switzerland	P.V. Industries C-30, Shankara Park Bangalore-560 004	DC Solenoids, AC Solenoids And Components for Control Equipment	4.90	70.00
661.	Balzers Holding Aktiengesellschaft Hofwiesenstrasse 135 8057 Zurich Switzerland	Switzerland	INCO Schottle Auto Parts Pvt. Ltd. 10571, Erandwana Mukta AP Sundarao Rege Marg, Pune-411 004	Coating of High Speed Steel Cutters, Reamers, Hobs, Brochures, Drill Bites, Pliers, Punchers etc.	26.00	65.00
662.	Machinenfabrik Rieter AG Switzerland.	Switzerland	Rielther-LMW Machinery Limited Perianaickenpalaym Coimbatore-641 020 Tamil Nadu.	Ring Frame Assembly	125.00	50.00
663.	Rudolf Meter (Co. Vini Rovio, Ronco, SA) CH-6821, Rovio Switzerland.	Switzerland	Atch India Private Limited B-1/D-2, Mohan Co-op. Industrial Estate Mathura Road New Delhi-110 044.	Optical Fibre Cables	2.30	19.17

Sl. No.	Name of Foreign Collaborator	Country	Name of Indian Company	Item of Manufacture	Amount	% Equity
664.	HWA Lin Electronic Company Ltd. 4th Floor, 481, Chung Hsiao East Road, Sector 6, Taiwan	Taiwan	Resource Technologies Private Limited 2-62/1, Kakatiya Nagar, Hobshiguda, Hyderabad-500 007.	VHF/UHF Electronic Tuners Used in TVs	1.56	25.00
665.	Veneron Enterprises Xc. Ltd. 1712F3, Sec. 2 Chang An East Road Taipet, Taiwan	Taiwan	Liton Displays Limited 9-A, Whites Road Madras-600 014	Electronic Component Light Emitting Diode.	0.64	20.76
666.	Reckitt & Colman plc. One Burlington Lane Chiswick, London W4 2RW UK	U.K.	Reckitt & Colman of India Ltd. 8, Palam Marg, Vasant Vihar, New Delhi-110 057	Bulk Drugs, Formulations And Pesticides	18.20	51.00
667.	Innovative Technologies i Education Ltd. 12, York Gate, London NW 1 4QS U.K.	U.K.	Sona Educational & Training Systems Pvt. Ltd., 12th Floor, Indraprakash Bldg., 21 Barakhamba Road, New Delhi-110 001	Mechtronics Hardware & Software Electronics Hardware & Software	1.35	26.00
668.	M/s. Associate Coffee Merchants No.1 Kentish Building 125 Igh Borough Street London Sei Inp U.K.	U.K.	Chalia Rajendra Prasad 62 Mahatma Gandhi Road Secunderabad-500 003	Instant Coffee	30.00	25.00
669.	M/s. Lojigma International Limited, U.K.	U.K.	Jogusu International Pvt. Ltd. 3, "Maurya" Opp. Ayojannagar Nr. Shreyas Rly. Paldi, Ahmedabad-380 007.	Reversible Unisex Scrubb Cuits	0.40	40.00
670.	M/s. Zeneca Limited, Imperial Chemical House 9 Millbank London SW1P3JF, U.K.	U.K.	ITC Ltd. Sarojini Devi Road Secunderabad-500 003	For Setting up a Joint Venture for Development Production & Marketing of Hybrid Seeds	31.50	50.00
671.	J Walter Thompson Company (Part of WPP Group Plc) U.K.	U.K.	Hindustan Thompson Ltd. Lakshmi Building Sir Pherozeshan Mehta Road, P.O. Box 541 Bombay-400 001	Advertising, Market Research, Public Relation, Social Communication, Direct Marketing, Graphics and Design.	63.18	49.00

Sl. No.	Name of Foreign Collaborator	Country	Name of Indian Company	Item of Manufacture	Amount	% Equity
672.	M/s. N.C.R. Corporation, U.S.A.	U.S.A.	M/s. NCR Information Technologies India Pvt. Ltd., Mohan Dev House, 13, Tolstoy Marg, New Delhi - 100 001.	Development of Computer Software, System Engineering Engineering Services	0.00	0.00
673.	M/s. Universal Semiconductors Inc., U.S.A.	U.S.A.	M/s. Vicap Semiconductors Pvt. Ltd. 584, 7th Cross, 10th Main Road, Hall IIrd Stage, Bangalore - 560 008.	High Voltage application Specific Integrated	9.00	50.00
674.	M/s. Nuko Information Systems Inc., U.S.A.	U.S.A.	M/s. Nuko Information Systems (India) Ltd. B-110, Block III, Keonics Electronics City, STP Complex, Hosur Road, Bangalore.	Computer Software Consultancy and product Marketing.	3.15	90.00
675.	—	U.S.A.	M/s. Honeywell Inc. 2581, 9th Mian Road, Banasankari, 2nd Stage, Bangalore-560 070.	Computer Software	15.79	100.00
676.	Richard W Shaver Marthas Vineyard 761 Vineyard Haven USA	U.S.A.	Direct Response Services Private Limited 103, Tivoli Court Calcutta-700 019	Marketing Activity	0.19	37.00
677.	Interdri! Services Inc. U.S.A.	U.S.A.	SKM Interdri! (India) Ltd. 314, Arunachal Building Barakhamba Road New Delhi-110 001	Heavy Weight Dril, Pipe, Etc.	21.76	34.00
678.	USX Engineers and Consultants Inc. (UEC) 600 Grants Steet Pittsburgh P.A. U.S.A.	U.S.A.	Steel Authority of India Ltd. Ispat Bhawan Lodhi Road, Ispat Bhawan Lodhi Road, New Delhi-110 001	Application Software and Information Technology Information Technology	2.70	60.00
679.	Burlington Air Express, 18200 Von Karman Avenue Irvine Ca 92715 U.S.A.	U.S.A.	Burlington Air Express India Pvt. Ltd. 4 G&H, Hansalaya 15, Barakhamba Road, New Delhi-110 001	General Forwarding Services	26.00	67.50

Sl. No.	Name of Foreign Collaborator	Country	Name of Indian Company	Item of Manufacture	Amount	% Equity
680.	Stonewear Inc. 5101, Lilly Atkins Road Cary, North Carolina USA 27511.	U.S.A.	Gold Coast Fashion Private Limited A-91, Malviya Nagar New Delhi-110 017	Womens Suits of Silk, Women Ensembles of Silk and Womens Dresses of Silk	0.26	51.00
681.	M/s. Sethness Products 3422, West Touhy Chicago, Illinois 60645 - 2717 U.S.A.	U.S.A.	Sayaji Industries Limited PO Kathwada Malze Products Ahmedabad-382 430 Gujrat	Caramel Colour of Different Grades Both in Powder Form and Liquid Form	9.25	50.00
682.	M/s. TFX Equities, Inc. (affiliate of Rusch Intern.) 1105 North Market Street, Wilmington De 19801 U.S.A.	U.S.A.	Ajit Thomas 22, Marshalls Road Egmore Madras-600 008	Foley Balloon Catheter	13.00	50.00
683.	Chemtex International Inc., U.S.A.	U.S.A.	Chemtex Engineering of India Ltd. Nirlon House 254B, Dr. A.B. Road Wardi Bombay-400 25	Engineering Consultancy Services Like, Design, Construction, Erection and Commissioning of Man Made Fibre and Chemical Plants	0.07	98.00
684.	Alcoa International Holdings Co. Inc. 5, Burlington Square Burlington, Vermont 05401 U.S.A.	U.S.A.	Almina Products India Limited Cement House, 121, M. Karve Road Bombay-400 020	Tabular Alumina, MAG-Al Spinel Calcined Aluminas,- Reactive Aluminas	30.00	60.00
685.	GETZ International INC. 150 Post Street, Suite 500 San Francisco CA 94108 U.S.A.	U.S.A.	Muller and Puppis (India) Limited Queen's Mansion Armt Keshav Naik Marg, Fort, Bombay-400 001	Manufacturing, Marketing & Distribution of Cosmetics- Toiletries etc.	1.70	51.63
686.	TD Williamson Inc. 8506, East, 61st Street Tulsa, Oklahoma 74101 U.S.A.	U.S.A.	TDW India Limited 1, Sri Aubindo Marg, New Delhi-110 016	Flanges, Fitting (Stoppie & Shortstop) 3 Way Tees Sleeves, Blind Flanges Etc., (As per Annexure-I)	6.07	51.00
687.	Oligear Company, 2300 South 51st Street Wisconsin 53219 U.S.A.	U.S.A.	Polyhydron Systems Pvt. Ltd. Plot No. 4, RS No. 680/2 Bmcsl, Udyanwag, Belgaum-590 008 Karnataka.	Hydraulic Cylinders, Pump, Test Rigs Moulding Machines etc.	7.80	51.00

Sl. No.	Name of Foreign Collaborator	Country	Name of Indian Company	Item of Manufacture	Amount	% Equity
688.	International Finance Corporation Ltd. Washington U.S.A.	U.S.A.	Credit Capital Finance Co. Brady House Veer Nariman Road, Bombay-400 001	For Establishment of a Mutual Fund	835.00	63.60
689.	International Finance Corporation Ltd. Washington U.S.A.	U.S.A.	Credit Capital Asset Management Company Allahabad Bank Building Apollo Street Bombay-400 023	To Establish An Asset Management Company	20.00	40.00
690.	Continental Grain Company 277, Park Avenue New York, N.Y. 10172 U.S.A.	U.S.A.	Continental Grain Company C/o Arthur Andersen & Co. 66 Maker Towers F Cuffe Parade Bombay-400 005	To establish a Wholly Owned Subsidiary in Inaia For Trading and Export of Agricultural Commodities.	63.18	100.00
691.	Camp Dresser & McKee Inc. 1, Cambridge Centre Cambridge, Massachusetts 02142 U.S.A.	U.S.A.	Camp Dresser & McKee India Pvt. Ltd. 6 Cathedral Road Madras-600 086	Environmental Engineering Consultancy & Software Development for the same	2.50	100.00
692.	M/s. Bechtel Corporation 50 Beale Street San Francisco CA 94105-1895 U.S.A.	U.S.A.	—	For Design, Engineering and Procurement Services	25.60	100.00
693.	M/s. Whirlpool Corporation Benton Harbor, Michigan 49022-2692 U.S.A.	U.S.A.	TVS Whirlpool C/o Dua Associates Tolstoy House 15, Tolstoy Marg, New Delhi-110 001	Washing Machines and Dryers	54.00	51.00
694.	—	Unindicated Country	Indo Australian Scrap Metal Company 135, Linghi Chetty Street, Madras-600 001	Copper Alloy	0.90	30.00

Note : Details of 605 cases approved by FIPB upto 30-11-1993 (Investment approved Rs. 99,038.26 millions) has already been published in the SIA Newsletter of December, 1993.

Total Investment approved Rs. 1,07,599.74 millions.

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