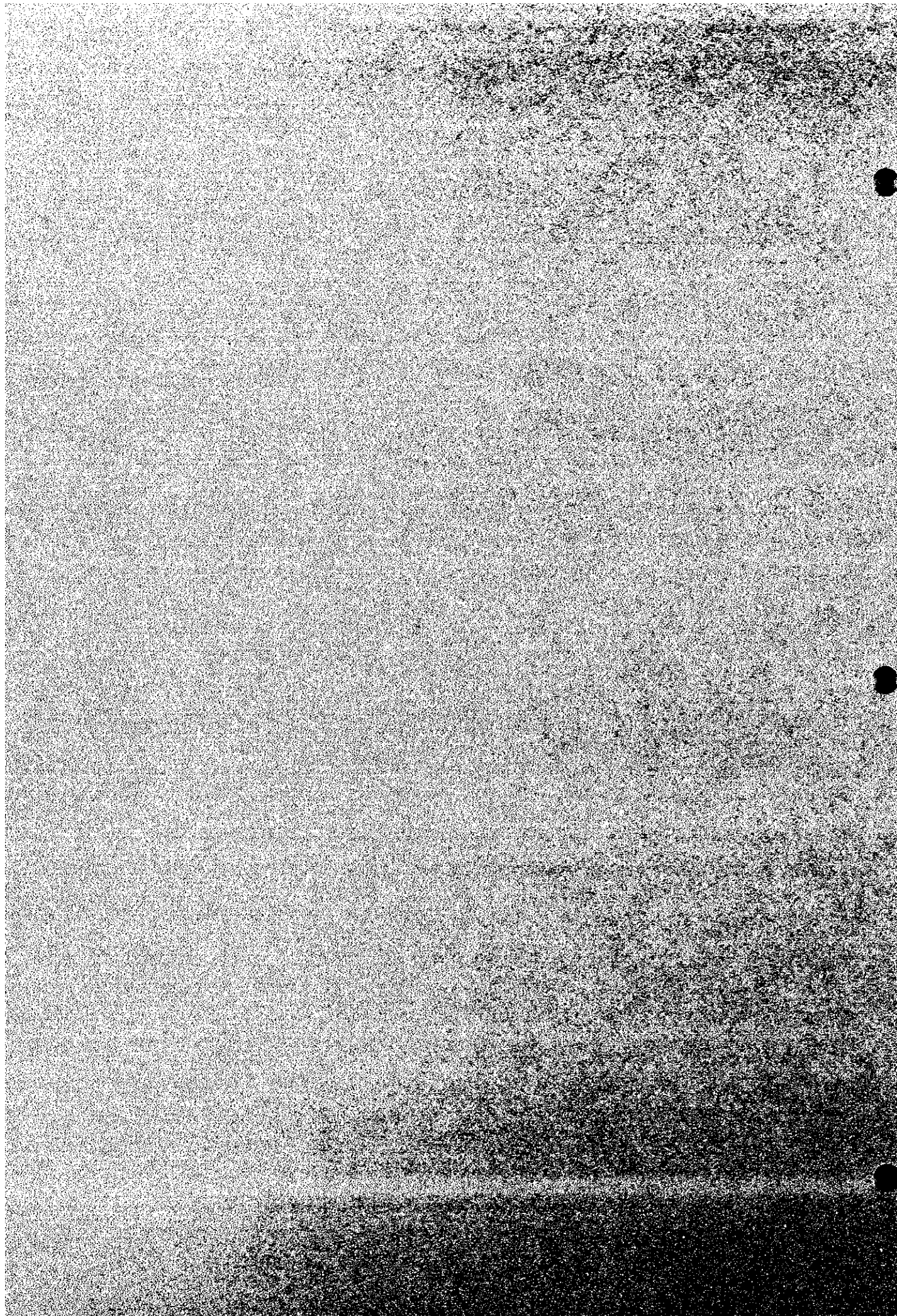


ANNEX-IX

**COMPANIES AND INSTITUTIONS VISITED
BY JICA TEAM**



Automobile Assembling Manufacturers

1. Toyota Motor Thailand Co., Ltd.

Address : 186/1 Old Railway Rd., Samrong Tai, A. Phra Pradaeng,
Samutprakarn, 10130

Tel. : 386-1056 Fax : 384-0932

Persons Contacted : Mr. Ninnart Chaithirapinyo, Director

2. Siam Nissan Automobile Co., Ltd.

Address : 891/1 Rama 1 Rd., Patumwan, Bangkok, 10330

Tel. : 215-0023 Fax : 215-0487

Persons Contacted : Mr. Takechiko Taniguchi, Exe. Vice President
Mr. Thavitiya Sudara, General Manager

3. Isuzu Motors Co.,(Thailand), Ltd.

Address : 38 Poochao Saming Prai Rd., Samrong Tai, Phra Pradaeng,
Samutprakarn, 10130

Tel. : 394-2541 Fax : 394-2552

Persons Contacted : Mr. Hidetoshi Kohzuki, Managing Director
Mr. Yong Prathuangsook, General Manager

No. of Employees : 1,100

4. MSC Sittipol Co., Ltd.

Address : 61 Moo 4, Lardkrabang, Bangkok, 10520

Tel. : 326-0912-4 Fax : 326-0145

Persons Contacted : Mr. Akira Okamoto, Executive Vice President
Mr. Boonchuay Choakdeewanitchwatana, Sr. General
Manager

5. Sukosol & Mazda Motor Industry Co., Ltd.

Address : Bangchan, Klongchan, Bangkok, 10240

Tel. : 517-0131 Fax : 517-1450

Persons Contacted : Mr. Tomio Kido, Managing Director

6. Thai Hino Industry Co., Ltd.

Address : 99 Moo 3, Teparak Rd., Tambol Teparak, Amphur Muang,
Samutprakarn, 10270

Tel. : 384-2900 Fax : 384-0329

Persons Contacted : Mr. Kenji Ohara, Purchasing Advisor

No. of Employees : 860

7. Honda Cars MFG. (Thailand Co., Ltd.

Address : KOR. 27-36 Moo 14, Sukaphiban 2, Minburi, Bangkok 10510

Tel. : 517-0146 Fax : 517-2215

Persons Contacted : Mr. Hitoshi Kadohira, Director

Mr. Aneak Inruangsri, Assistant Plant Manager

Auto Parts/Components Manufacturers

1. NHK Spring (Thailand) Co., Ltd.

Address : 72 samrong Tai, Sukhumvit Rd., A. Phrapradaeng, Samutprakarn
Tel. : 384-0030 Fax : 384-1422
Persons Contacted : Mr. Tadaharu Kaneko, President
No. of Employees : 330

2. Izumi Piston MFG., Co.,(Thailand), Ltd.

Address : 9/1-2 Moo 4, Sukapibal 2 Rd., Bungkum, Bangkok, 10230
Tel. : 517-0035 Fax : 517-0372
Persons Contacted : Mr. Akira Kato, Managing Director
Mr. Vichit Benchaluxporn, Director
No. of Employees : 230

3. Mahajak Autoparts Co., Ltd.

Address : 67/16 Chuam Samphan Rd., Kokfad, Nongjok, Bangkok, 10530
Tel. : 543-1073 Fax : 543-1072
Persons Contacted : Mr. Thapana Boonlar, Manager
Mr. Prasong Wutthisirisart, General Manager
No. of Employees : 450

4. Thai Engineering Products Co., Ltd.

Address : 1 Siam Cement Rd., Bangsue, Bangkok, 10800
Tel. : 586-4444 Fax : 286-2991
Persons Contacted : Mr. Adisorn Prakunhangsit, Managing Director
Mr. Yutaka Kanazawa, Technical Advisor
No. of Employees : 530

5. Thai Stanley Electric Co., Ltd.

Address : 29/3 Moo 1, Bangpoon-Rungsit, Banklang, Pathumthanee, 12000
Tel. : 581-5462-3 Fax : 581-5397
Persons Contacted : Mr. Akihiro Nakamura, President
Mr. Apichart Lee-Issaranukul, Exe. Vice President
No. of Employees : 300

6. Siam Machinery & Equipment Co., Ltd.

Address : 58 Group 11, Papermill Rd., Bang-Pa-In, Ayudhya, 13160
Tel. : (035) 261-051 Fax : (035) 261-323
Persons Contacted : Dr. Somsak Vivatpanachart, General Manager
Mr. Mana Veeravigrom, Factory Manager
No. of Employees : 670

7. Daisin Kogyo Co., Ltd.

Address : 101/59/3 Moo 20, Navanakorn, Phaholyothin Rd., Klong Loang,
Patumtanee, 12120
Tel. : 529-0070-3 Fax : 529-0074
Persons Contacted : Mr. Sadao Kakuda, Managing Director
Mr. Manop Leegomonchai, Director
No. of Employees : 1,500

8. Kallawis Auto Parts Industry Co., Ltd.

Address : 234 Soi Watmahawongse, Poochao Samingprai Rd., Samrong
Klang, Prapradaeng, Samutprakarn, 10130
Tel. : 384-2903 Fax : 384-2074
Persons Contacted : Mr. M. Takahara, Director
Mr. M. Oishi, Deputy Managing Director
No. of Employees : 580

9. Yarnapund Co., Ltd.

Address : 42 Soi 81, Sukhumvit Rd., Prakanong, Bangkok, 10250
Tel. : 311-4283 Fax : 331-7398
Persons Contacted : Mr. Samphan Phanpanit, Managing Director
No. of Employees : 880

10. SNN Tools & Dies Co., Ltd.

Address : 61, Bangna-Trad Hwy, Km 32, Bang-Bor, Samutprakarn, 10560
Tel. : 316-2604 Fax : 316-2769
Persons Contacted : Mr. Panpong Issarasena, Exe. Vice President
Mr. Yasutaka Kimata, General Manager
No. of Employees : 270

11. Thai International Die Making Co., Ltd.

Address : 331-332 Sukhumvit Rd., Amphur Muang, Samutprakarn, 10280

Tel. : 324-0511 Fax : 324-0514

Persons Contacted : Mr. Hideo Takahashi, Vice Managing Director

No. of Employees : 230

12. Siam Parts & Engineering Co., Ltd.

Address : 4357 Sukhumvit Rd., Bangna, Bangkok, 10260

Tel. : 393-1136 Fax : 398-2610

Persons Contacted : Mr. Triphop Viriyasirikul, Managing Director

No. of Employees : 670

13. TBK Krungthep Co., Ltd.

Address : Bangna-Trad Hwy, Km 57, 700/34 Moo 6, donhuaroh, Muang,
Chon-Buri, 20000

Tel. : 213-060 Fax : 213-062

Persons Contacted : Mr. Takeyoshi Yamao, Managing Director

Mr. Sahutchet Sukondhasingha, General Manager

14. Siam Tsuchiya MFG., Co., Ltd.

Address : 1055 Bangna-Trad, Km. 4, Bangkok, 10260

Tel. : 393-6731 Fax : 398-6873

Persons Contacted : Mr. Klaharn Chevitanondra, Managing Director

Mr. Yoshikazu Kato, Co-Managing Director

No. of Employees : 290

15. Thai Radiator MFG., Co., Ltd.

Address : 1091/244-245 New Petchburi Rd., Bangkok, 10400

Tel. : 253-1546 Fax : 321-0052

Persons Contacted : Mr. Prakitti Siripraiwan, Managing Director

No. of Employees : 300

16. Siam Auto Parts Co., Ltd.

Address : 380 Moo 2, Bangpoo Mai, Amphur Mueng, Samutprakarn, 10280

Tel. : 323-9035 Fax : 323-9037

Persons Contacted : Mr. Chawalit Jariyawatskul, Managing Director

No. of Employees : 490

17. Srithai Auto Seats Industry Co., Ltd.

Address : 569 Moo 2, Sukhumvit Rd., Km. 37, Bangpoo Mai, Samutprakarn,
10280
Tel. : 324-0927 Fax : 324-0530
Persons Contacted : Mr. Tongchai Limpaitoon, President
No. of Employees : 60

18. Summit Auto Seats Industry Co., Ltd.

Address : 97/2 Naksuwan Lane, Nonsi Rd., Yannawa, Bangkok, 10120
Tel. : 294-0112 Fax : 294-1491
Persons Contacted : Mr. Chairat Satchachai, Administrative Manager
No. of Employees : 1,500

19. Thai Koito Co., Ltd.

Address : 370 Moo 17, Bangsaothong, Bangplee, Samutprakarn, 10540
Tel. : 315-3350 Fax : 315-3281
Persons Contacted : Mr. Hatahiro Kato, President
No. of Employees : 80

20. Inoue Rubber Co., Ltd.

Address : 63/3 Moo 6, Rangsit-Nakornnayok Rd., Prachathiput, Thanyaburi,
Pathumthani, 12130
Tel. : 533-0160 Fax : 533-0167
Persons Contacted : Mr. T. Kojima, Executive Director
No. of Employees : 560

21. Nippondenso Thailand Co., Ltd.

Address : 369 Teparak Rd., T. Teparak, Samutprakarn, 10270
Tel. : 394-0481 Fax : 384-0884
Persons Contacted : Mr. I. Sobue, Director & Plant Manager
No. of Employees : 670

22. Nippondenso Tool & die (Thailand) Co., Ltd.

Address : 369 Teparak Rd., Samrong Nua, Samutprakarn, 10270
Tel. : 384-2805 Fax : 384-3450
Persons Contacted : Mr. Tsuyoshi Muramatsu, Managing Director

No. of Employees : 80

23. Thai Takahashi Plastics Ltd.

Address : 585 Moo 2, Sukhumvit Rd., Bangpoo, Samutprakarn, 10280

Tel. : 324-0727 Fax : 324-0699

Persons Contacted : Mr. Nobuo Henmi, Managing Director

No. of Employees : 520

24. CH. Auto Parts Co., Ltd.

Address : 127 Group 2, Soi Suansom, Samrong Tai, Phrapradaeng,
Samutprakarn, 10130

Tel. : 384-7347 Fax : 384-1144

Persons Contacted : Mr. Suchai Pongvatnanusorn, General Manager

No. of Employees : 360

Electrical & Electronic Assembling Manufacturers

1. Sharp Appliances (Thailand) Ltd.

Address : 64 Moo 5 Tambol Bangsamak Amphur Bangpakong,
Chachoengsao, 24130

Tel : (538) 863 Fax : (538) 662

Persons Contacted : Mr. yasuo Shin, Managing Director
Mr. Mitsuyoshi Maekawa, General Manager

No. of employees : 2,500

2. Thai Toshiba Electric Industries Co., Ltd.

Address : 181/1 Tivanon Rd., Nonburi, 11000

Tel : (588) 3010 Fax: (589) 7028

Persons Contacted : Mr. Yoshiaki Kawamura, Senior Manager
Dr. Sootin Wetwatana, Technical Advisor

No. of Employees : 1,200

3. Hitachi Consumer Products (Thailand) Ltd.

Address : 274 sukhumvit Rd., Teprarak samutprakarn, 10270

Tel : (394) 4312 Fax : (384) 2444

Persons contacted : Mr. Mitsuo Akiyama, President
Mr. Osamu Onodera, Manager, Material dept.

No. of employees : 1,600

4. National Thai Co., Ltd.

Address : 166 sukhumvit Rd, Samron Nua, samutprakarn, 10270

Tel : (394) 1981 Fax : (384) 2136

Persons Contacted : Mr. Masakazu Yanagawa, Managing Director
Mr. Koichiro Yoshimura, Purchasing Dept.

No. of Employees : 2,300

5. A. P. National Co., Ltd.

Address : 71, Moo 5 Bangsamak, Bangpakong Chachoengsao, 24130

Tel : (570) 010 Fax : (570) 021

Persons Contacted : Mr. Tsuneo Minamino, Managing Director
Mr. Seiji Inoue, Director

No. of Employees : 850

6. Sanyo Universal Electric Co., Ltd.

Address : 19 Sukhumvit Rd., Pravej Bangkok, 10260

Tel : (398) 0120 Fax : (398) 4708

Persons Contacted : Mr. Udom Chatianonda, President

No. of Employees : 4,300

7. Kang Yong Electric Co., Ltd.

Address : 67 Moo 11, Bangna-Trad Hwy. Km. 20, Bangplee, Samutprakarn,
10540

Tel : (312) 8151 Fax : (312) 8162

Persons Contacted : Mr. Supachai Setasathira, General Manager

Mr. Jarong Boontor, Purchasing Dept.

No. of Employees : 1,200

8. Federal Electric Corp., Ltd.

Address : 64/1 Moo 4, Kingkaew Rd., Rajatheva, Bangplee, Samutprakarn,
10540

Tel : (312) 4190 Fax : (312) 4185

Persons Contacted : Mr. Wiwat Pnompitton, Factory Manager

No. of Employees : 1,300

9. NEC Technologies (Thailand) Co., Ltd.

Address : 101/75 Paholyothin Rd., Klong Luang, Pathumthani, 12120

Tel : (529) 0936 Fax : (529) 0939

Persons Contacted : Mr. Hiroshi Masubuchi, Deputy Managing Director

Mr. Shiro Dobashi, General Manager

No. of Employees : 220

10. Canon Hi-tech (Thailand) Ltd.

Address : 89, Moo 1, Bhan-Lain, Bangpa-in, Pranakornsriayudhaya, 13160

Tel : (350) 080 Fax : (350) 088

Persons Contacted : Mr. Kenzo Seki, President

Mr. Hisashi Hasegawa, General manager

No. of Employees : 780

Components/ Parts Manufacturers

1. Fujitsu (Thailand) co., Ltd.

Address : 60/90 Phaholyothin Rd., Klong Luang, Pathumthani, 12120

Tel. : (529) 2630 Fax : (529) 2581

Persons Contacted : Mr. Kanji Kato, Managing Director
Mr. Daisuke Nakajima, Administration Manager

No. of Employees : 3,900

2. Oki (Thailand) Co., Ltd.

Address : 1/39 Tambol Kanham, Amphur U-thai, Ayutthaya, 13210

Tel : (330) 171 Fax : (330) 180

Persons Contacted : Mr. Katsumi Kanazawa, Director
Mr. Tomio Kusaki, General Manager

No. of Employees : 430

3. Rohm Apollo Electronics (Thailand) Co., Ltd.

Address : 102, Moo 20, Tambol Khlong-Nung, Amphur Khlong-Luong,
Pathumthani, 12120

Tel. : (529) 0777 Fax : (529) 0775

Persons Contacted : Mr. Seiji Yamaguchi, Vice President
Mr. Hironobu Katagiri

No. of Employees : 750

4. Tanin Condenser Co., Ltd.

Address : 14/28 Srinakarin Rd., Phakanong Bangkok, 10260

Tel. : (398) 5333 Fax : (398) 5337

Persons Contacted : Mr. KatsuaKi Ota, Vice President
Mr. Takeshi Anzai, Director

No. of Employees : 970

5. Muramoto Electron (Thailand) Co., Ltd.

Address : 85, Moo 5, Ramindhra Rd., Kannayao, Bangkapi, Bangkok, 10230

Tel. : (517) 5010 Fax : (517) 0425

Persons Contacted : Mr. Kohei Muramoto, President
Mr. Hideo Ishikawa, Executive Vice President

No. of Employees : 2,700

6. Thai Mitsuwa Co., Ltd.

Address : 31, Moo 2, Bangchang Amphur Muang Pathumthani, 12000

Tel. : (581) 5558 Fax : (581) 6160

Persons Contacted : Mr. Sigeyoshi Sumitani, managing Director
Mr. Pornthep Yanaprasat, General Manager

No. of Employees : 390

7. Thai Refrigeration Components Co., Ltd.

Address : 272, Soi 4, Sukhumvit Rd., Tambon Preaksa Muang,
Samutprakarn, 10280

Tel. : (324) 0555 Fax : (324) 0554

Persons Contacted : Mr. Suttipong Sriakachan, Persident
Mr. Minoru Takayama, Vice President

No. of Employees : 70

8. Amagasaki Pipe (Thailand) Co., Ltd.

Address : 700/35 Bangna-Trad Rd., Km. 57, Tambol, Donhuaroh Amphur
Muang, Chonburi, 20000

Tel. : (213) 163 Fax : (213) 164

Persons Contacted : Mr. Katsumi Maeda, Managing Director
Mr. Tetsuya Kato, Managing Director

No. of Employees : 20

9. Century Plastics Co., Ltd.

Address : 43 Suksawat Rd., Phrapradang, Samutprakarn, 10130

Tel. : (463) 0095 Fax : (463) 2025

Persons Contacted : Mr. Prinya Chuenmeechow, Administrative Director

No. of Employees : 350

10. Kulthorn Kirby Co., Ltd.

Address : 44/1 Moo 7, Chalong Krung Rd., Ladkrabang, Bangkok, 10520

Tel. : (326) 0831 Fax : (326) 0837

Persons Contacted : Mr. Suraporn Simakulthorn, Managing Director

No. of Employees : 920

11. K.H. Metal Products Co., Ltd.

Address : 5/8 Moo 1, Tambol Bangkaew, Amphur Bangplee, Samutprakarn,
10310

Tel. : (384) 2225 Fax : (384) 2225

Persons Contacted : Mr. Wichai Jindakitskulchai, Director

No. of Employees : 180

12. KDK – Fujikura (Thailand) Ltd.

Address : 60/73 Moo 19, Paholyothin Rd., Klong Luang, Pathumthani,
12120

Tel. : (529) 1794 Fax : (529) 1793

Persons Contacted : Mr. Keiichi Honda, General Manager

Mr. Tasnai Arparpardh, Administrative Manager

No. of Employees : 440

Foundry

1. Somboon Malleabl Iron Co., Ltd.
Address: No. 112 Moo 2, 15th Km Bangna-Trad, Samutprakarn 10540
Tel.: 312-5318 - 28 Fax.: 312-5335
Persons Contacted: Mr. Tanit Wongsupornchai, Deputy Manufacturing Director
No. of Employees: 350
2. Enkei Thai Co., Ltd.
Address: 129 Moo 17 Bangplee New Town Industrial Estate Soi 5, Taypharak Rd.,
Bangplee Samutprakarn 10540
Tel.: 315-1230, 315-1496, 315-1425 Fax.:
Persons Contacted: Mr. Yoshimi Ohashi, Supervisor Production Control Dept.
No. of Employees: 600
3. Asahi Somboon Aluminum C
Address: 361 Moo 1, Bangna-Trad Rd., KM 27, Tambon Bangbor,
Amphur Bangbor Samutprakarn 10560
Tel.: 338-1389 - 99 Fax.: 338-1387/8
Persons Contacted: Mr. Yoshiaki Yaginuma, Executive Vice President
No. of Employees: 230
4. Burapa Steel Co., Ltd.
Address: 715 Pracha-U-Tic Rd., Rajburan, Bangkok 10140
Tel.: 427-0035-8 Fax.: 427-2700
Persons Contacted: Mr. Wonchai Udomphant, Director
No. of Employees: 250
5. Thai Malleable Iron & Steel Co., Ltd.
Address: 469/19 Rama III Rd., Yannawa, Bangkok 10120
Tel.: 285-3086/87/89/90 Fax.: 285-3084
Persons Contacted: Mr. Kampol Srethbhakdi, President
No. of Employees: 600
6. Kulthorn Kirby Foundry Co., Ltd.
Address: 1 Moo 22 Suvintawng, Saladang Bangnumpeaw, Chachoengsao 2400
Tel.: 038-593016 - 9 Fax.: 038-593015
Persons Contacted: Mr. Suraporn Simakulthorn, Managing Director
No. of Employees: 84
7. Watana Foundry Co., Ltd.
Address: 46/2 GP3, Ekkachai Road, T. Khokkrabau, A. Muang, Samutsakhon 74000
Tel.: 034-426052 Fax.:
Persons Contacted: Mr. Nopadol Watanathaworn, Manager
No. of Employees: 90
8. Phan Fah Engineering, Ltd. Part
Address: 69 Mu 5, Sakawat Rd., Prapradaeng, Samuthprakarn 10130
Tel.: 464-3830 - 5 Fax.: 463-4703
Persons Contacted: Dr. Paisan Samprakit, Factory Manager
No. of Employees: 60

9. Kricha Machinery Co., Ltd.
 Address: 101/47/2 Navanakorn M0020, Klong 1, Klongluang, Phatumtanee 12120
 Tel.: 529-1358, 529-4347 - 8 Fax.: 662-529-135
 Persons Contacted: Mr. Kerdchoke Kengradomying, Managing Director
 No. of Employees: 120
10. International Iron Works Co., Ltd.
 Address: 36 Moo 4 Ekkachai Rd., Nadee, Muang, Samutsakorn 74,000
 Tel.: 034-421407, 424489 Fax.: 034-425690
 Persons Contacted: Mr. Yoshiharu Nishiguchi
 No. of Employees: 80
11. International Casting Co., Ltd
 Address: Bangpakong Industrial Park 2, 700/18 Moo 6, Km 57 Bangna-Trad Highway,
 Chonburi 20000
 Tel.: 038-213147 - 8, 213150 - 1 Fax.: 038-213149
 Persons Contacted: Mr. Jarus Chaisiwattana, Factory Manager
 No. of Employees: 80

Forged Parts

1. Siam Technic Industry Co., Ltd.
 Address: B9 Moo 14, Sukhapibal 2 Rd., Bangchng Industrial Estate, Minburi, Bangkok
 Tel.: 517-0040/1 Fax.: 517-1458
 Persons Contacted: Mr. Sema Amphankao, Factory Manager
 No. of Employees: 130
2. Thai Metal Forging Co., Ltd.
 Address: 214 Moo 1, Soi Ampawa, Suksawasd Rd., Samutprakarn 10290
 Tel.: 425-8670/1, 425-8150 Fax.: 425-8671
 Persons Contacted: Mrs. Jerawan Kumthonkittikul, Manager
 No. of Employees: 90
3. International Forging Co., Ltd.
 Address: Bangpakong Industrial Park 2, 700/20, Moo 6, Km 57, Bangna-Trad Highway,
 Conburi 20000
 Tel.: 038-213147 - 8 Fax.: 038-213149
 Persons Contacted: Ms. Morakot Shinhabaedy, Director
 No. of Employees: 132

Heat Treatment

1. U.T.T. Engineering Co., Ltd.
 Address: 138 Moo 17, Bangplee Industrial Este, Bangna-Trad Rd., Tambol,
 Bangsaotong, Amphoe Bangplee, Samutprakarn 10540
 Tel.: 315-1062 - 4 Fax.: 315-1065
 Persons Contacted: Mr. Yoshitaka Tanaka, Managing Director
 No. of Employees: 32

2. Thai Parkercizing Co., Ltd.
 Address: 7th Floor, Taniya Bldg., 62 Silom Rd., Bangkok 10500
 Tel.: 236-3542 Fax.:
 Persons Contacted: Mr. Trakul Koraveja, Division Manager
 No. of Employees: 15

Pressed Parts

1. Thai Vehicle Industry Co., Ltd.
 Address: 99 Moo 15, Kingkaew Rd., Bangplee, Samut Prakarn 10540
 Tel.: 312-4231 - 2 Fax.: 312-4233
 Persons Contacted: Mr. Prawat Anuchartchaikui, President
 No. of Employees: 66
2. Sook Sawatkolakarn Ltd., Part
 Address: 291 Moo 17, Bangpueng, Phrapradaeng, Samutprakarn 10310
 Tel.: 463-1700 - 1, 463-3541 Fax.: 463-3541
 Persons Contacted: Mr. Seksom Srivathananuklkich, Managing Director
 No. of Employees: 400
3. Paradorn Parts Co., Ltd.
 Address: Moo 4, Taeparak Rd., Muang Samutprakarn 10270
 Tel.: 394-2194 Fax.: 394-2194
 Persons Contacted: Mr. Vichai Boonparadorn, President
 No. of Employees: 140
4. Able Auto Parts Industry Co., Ltd.
 Address: 48/1-2 Phaholyothin Km 33, Tambol Klongnueng, Amphur Klong, Luang,
 Pathumthani 12120
 Tel.: 516-8431 - 5 Fax.: 516-9479
 Persons Contacted: Mr. Prakarn Chuenchokesun, Plant General Manager
 No. of Employees: 300
5. Taksin Steel and Equipment Co., Ltd.
 Address: 44/44, 4 Rama 2 Road, Bangkok 10150
 Tel.: 416-3681 Fax.:
 Persons Contacted: Mr. Thotsaporn Kunahirunbanok, Manager
 No. of Employees: 240
6. Safety Plus Co., Ltd.
 Address: 733/69 Phaholyothin Rd., Pathumthanee
 Tel.: 523-6291, 531-794/8, 532-2138 Fax.: 532-2138
 Persons Contacted: Mr. Chak-Krich Phatanakietchai, Managing Director
 No. of Employees: 140
7. Thai Rung Union Cars Co., Ltd.
 Address: 28/6 Petchkasem 81, Nongkaem, Bangkok 10160
 Tel.: 420-0076, 420-1382, 420-1631 Fax.: 420-3664
 Persons Contacted: Mr. Vichien Phaoenchoke, Chairman
 No. of Employees: 1,140

8. Cheval Electronic Enclosures Co., Ltd.
 Address: 145 Moo 17, Bangplee Industrial Estate, Bangsaothong, Bangphli,
 Samutprakarn 10540
 Tel.: 315-1504/5 Fax.: 315-1506
 Persons Contacted: Mr. Apichart Sajchwong, Managing Director
 No. of Employees: 250

9. K.H. Nation Product
 Address: 156 Moo 10, Poochaosamingprai Rd., Soi Watsuansom, Phra Pradaeng,
 Samutprakarn 10130
 Tel.: 394-3329, 394-1876 Fax.: 394-3329
 Persons Contacted: Mr. Wicha Jindakitskulchai, Director
 No. of Employees: 242

10. Thongchai Manufacturing Co., Ltd.
 Address: 12/4 Km 15, Bangna-Trad, Hwy., Bangplee, Samut Prakarn 10540
 Tel.: 253-7920, 253-1546 Fax.: 321-0052
 Persons Contacted: Mr. Prakitti Siripraiwan, Managing Director
 No. of Employees: 38

11. Siam Engineer Body Car Co., Ltd.
 Address: 83 Moo 11, Petchkasem Rd., Om-Noi, Krathum Baen, Samutsakhon 7413
 Tel.: 034-420-2276; 420-1469 Fax.: 034-420-1469
 Persons Contacted: Mr. Phaiboon Suwankesa, President
 No. of Employees: 250

12. CH Watanayout Co., Ltd.
 Address: 77/1, Group 14, Kingkaew Rd., Rachathava, Bangpree,
 Samutprakarn 10540
 Tel.: 326-7904 Fax.: 326-8174
 Persons Contacted: Mr. Hitoshi Sugimoto, Technical Advisor
 No. of Employees:

Plastic Parts

1. AMPAS Industris Co., Ltd.
 Address: 355 Moo 4, Bangpoo Industrial Estate, Tambol Praksa, Amphur Muang,
 Samutprakarn
 Tel.: 324-0950/51/52, 324-0083/4 Fax.: 324-0949
 Persons Contacted: Mr. Niruntasukrat, President
 No. of Employees: 240

2. C.S. Plastic Ltd.
 Address: 329/88 Viphavadi-Rangsit Rd., Tung, Songilong, Bangkok 10210
 Tel.: 573-8087/8, 573-4656 Fax.: 573-1894
 Persons Contacted: Mr. Prasit Phoengo-enchai
 No. of Employees: 40

3. P.T.K. Auto Part Co., Ltd.
 Address: Soi Suanmali 1, Mahachak Rd., Pom Prap Sattuphai, Bangkok 10100
 Tel.: 223-7523/4, 427-9385 Fax.: 225-8533
 Persons Contacted: Mr. Boonlert Seriwattanawut
 No. of Employees: 50

4. P.T.Y. Enterprise Co., Ltd.
 Address: 443 Moo 4, Soi Sukjai, Pratha Unit 21 Rd., Bangkok 10140
 Tel.: 226-0051, 226-5328/9 Fax.: 225-1027
 Persons Contacted: Ms. Praphaiporn Songthumjitti
 No. of Employees: 200
5. T. Krungthai Industries Co., Ltd.
 Address: 59 Moo 6, Watkingkao Rd., Rachatawa, Banplee, Samut Prakarn
 Tel.: 211-3732, 211-2762 Fax.: 212-4864
 Persons Contacted: Mr. Phreecha Tachakraisri
 No. of Employees: 286
6. Thai Fukuvi Co., Ltd.
 Address: 499 Moo 4, Bangpoo Industrial Estate, Sukumvit Rd., Samutprakarn 10280
 Tel.: 324-0925/6, 324-0299, 324-0234 Fax.: 324-0956
 Persons Contacted: Mr. Toshiaki Kawahara
 No. of Employees: 170
7. Tre-Atthaboon Industry Co., Ltd.
 Address: 69/2 Moo 11, Pudthamonthon Soi 5 Rd., Raiking, Nakhon Pathom 7311
 Tel.: 420-0079 Fax.: 420-2828, 420-7147
 Persons Contacted: Mr. Sombat Seelasara
 No. of Employees: 2,200
8. Union Plastic Co., Ltd.
 Address: Bangchan Industrial Estate Ng. 11 Moo 4, Min Buri, Bangkok 10150
 Tel.: 517-0109/14 Fax.: 517-0529
 Persons Contacted: Mr. Thitivat Suebsaeng
 No. of Employees: 750
9. T.K.T. Plastic Industrial Co., Ltd.
 Address: 59 Moo 6, Wat Kingkaew Rd., Rachataewa Bangplee, Samutprakarn 10540
 Tel.: Fax.:
 Persons Contacted: Mr. Phreecha Tachakraisri
 No. of Employees: 286
10. Centry Plastic Co., Ltd.
 Address: 43 Susawat Rd., Phrapradong, Samutprakarn 10130
 Tel.: 463-0095 Fax.: 463-2025
 Persons Contacted: Mr. Prinya Chuen Meechow, Administrative Director
 No. of Employees: 350
11. Krung Tep Union
 Address: 47 Moo 2, Suwintawong Rd., Lumpakchee Nongchock Bangkok 10530
 Tel.: 543-1181 - 4 Fax.: 543-1180
 Persons Contacted: Mr. Masayuki Ogawa
 No. of Employees: 300
12. Union Ito Mold Co., Ltd.
 Address: Bangchan Industrial Estate Minburi Bangkok
 Tel.: 517-0109 - 13 Fax.: 517-4719
 Persons Contacted: Mr. ITO, Hirabayashi
 No. of Employees: 100
13. TAF Co.
 Address: 13/28 Soi Supapong Srinakarin rd., Praves Bangkok 10260
 Tel.: 398-9892 Fax.: 399-1483
 Persons Contacted: Mr. Hideo Ito, General Manager
 No. of Employees: 50

14. Siam Mould & Parts Co.
 Address: 82/95 Mu, 6 Pattanakarn Rd., Pravet Districk Bangkok 10250
 Tel.: 322-7037 - 9 Fax.: (662)322-8968
 Persons Contacted: Mr. Prachuat Matruichite
 No. of Employees: 60
15. Mizuki Electronics (Thailand) Co., Ltd.
 Address: 60/65 Moo 19, Navanakornz Phaholyothin Rd., Klong Luang Pathumthani
 12120
 Tel.: 529-0756 - 62 Fax.: 529-0763
 Persons Contacted: Mr. Tsutomu Toyokura
 No. of Employees: 3,000
16. Taksin Plastic Co., Ltd.
 Address: 22/1 Soi Suksawad 48, Prachautis Rd., Rajburana Bangkok 10140
 Tel.: 427-6793 Fax.: 427-7619
 Persons Contacted: Mr. Viton Manuskigsamvan
 No. of Employees: 50
17. Surithai Miyagawa Co., Ltd.
 Address: 539 Soi 8B Bangpoo Industrial Estate Tambon Praeka Amphur Muano
 Samutprakarn
 Tel.: 324-0425 - 6 Fax.: (662)324-0427
 Persons Contacted: Mr. Tsutomu Yoshimura ,General Manager,
 Mr. Yoshimitsu Kawai, Deputy General Manager
 No. of Employees: 90
18. V.R. Thailand Co., Ltd.
 Address: 354 Moo 17, Bangna-Trad Rd., Km 23 Bangplee Samutprakran 10540
 Tel.: (662)315-3249 Fax.: (662)315-3258
 Persons Contacted: Mr. Motoharu Nuka, Director, Mr. Mokakot Sinhababoyac
 No. of Employees: 120

Rubber Parts

1. Siam Tyre Co., Ltd.
 Address: 32 Poochaosmingprai Rd., Samrongkiang,Phrapradaeng, Samuthprakarn 10130
 Tel.: 394-0121 - 7 Fax.: 394-1924, 394-0128
 Persons Contacted: Mr. Osot Kosin
2. Pongpara Codan Rubber Co., Ltd.
 Address: 84/1 Moo 7, Petkasem Rd., Oomnoy, Kratoomban, Samutsakorn 74130
 Tel.: 420-1695-6 Fax.: 420-1700
 Persons Contacted: Mr. Chaloepong
3. Saeng Thai Rubber Factory Co., Ltd.
 Address: 252/1 Moo 19, Pochosamingprai Rd., Phrapradaeng, Samrong Tai,
 Samut Pakan 10130
 Tel.: 394-1205/6 Fax.: 384-1696
 Persons Contacted: Mr. Kriang Ou-Udomging
4. Thai Rubber Hose Industrial Co., Ltd.
 Address: 132 Moo 17, Bangplee Industrial Estate, Bangplee, Samut Prakan
 Tel.: 315-1550 Fax.: 315-1485
 Persons Contacted: Mr. Saksri Premrattanachai

5. Bell T.S.M. Corp., Ltd.
Address: 32 Chalermkate 3 Rd., Tepsirn, Samphanthaong, Bangkok 10100
Tel.: 223-2850, 223-6835, 223-7205 Fax.: 225-4713
Persons Contacted: Mr. Suradaj Chaitrakulpibul

6. Chaiya Phon Rubber Co., Ltd.
Address: 135/27 Soi 80, Ladprao Rd., Bangkhapi, Bangkok 1024
Tel.: 514-2590 Fax.: 513-1027
Persons Contacted: Mr. Phontep Bujalinkul

Electrical & Electronic Parts

1. JVC Mfg.
Address: 107 Moo 18, Navanakorn I.E. Zone 3, Khlongnueng, Pathum Thani
Tel.: 529-2105 - 9 Fax.: 529-2241/2
Persons Contacted:

2. Thai Compressor Mfg.
Address: 2/2/62 Moo 6, Pattanakan Rd., Prawet, Phra Khanong, Bangkok
Tel.: 321-7815 - 7 Fax.: 321-6054
Persons Contacted: Mr. Shigehisa Maruno

3. Minebea Thai
Address: 2/2 Wireless Rd., Lumpini, Bangkok
Tel.: 253-4897 Fax.: 253-4537
Persons Contacted:

4. Muramoto Electron
Address: 85 Moo 5, Raminta Rd., Kannayao, Buengkum, Bangkok
Tel.: 57-5010 - 2, 518-1280 - 7 Fax.: 517-167
Persons Contacted: Mr. Hirokazu Muramoto, Executive Vice President

5. Thai NJR
Address: No. 88 Moo 4, Tambol Banklang, Amphur Muang, Lamphun 51000
Tel.: Fax.:
Persons Contacted: Mr. Umeo Takeuchi, Executive Vice President

6. Toshiba Display Devices
Address: Bangkok I.E., Tivanondh Rd., Pathum Thani
Tel.: 501-1048, 501-1100-18 Fax.: 501-1215
Persons Contacted: Mr. Hirofumi Kakiuchi, President

7. Siam NEC
Address: 38/7 Moo 5 Sukhumvit Rd., Laem Chabang I.E., Chonburi 20230
Tel.: 038-490248 Fax.: 038-490241
Persons Contacted: Mr. Tetsuzo Miyauchi, Managing Director

8. Murata Electronics
Address: 63 Moo 4, Hwy No. 11, Banglang, Muang, Lumphun
Tel.: 053-581-166 Fax.: 053-581-076
Persons Contacted: Mr. Mitsuru Tobinaga

Government Agencies

1. Office of Industrial Economic, Industrial Economics Study Div. 2
Address: Rama VI Rd., Bangkok 10400
Tel.: 245-6705 Fax.: 246-6700
Persons Contacted: Mr. Anusorn Nuangpolmak, Director
2. Nakhon Ratchasima Industrial Office, Ministry of Industry
Address: Nakhon Ratchasima
Tel.: Fax.:
Persons Contacted: Mr. Somchai, Director
3. The Post and Telegraph Department
Address:
Tel.: Fax.:
Persons Contacted: Mrs. Auraphan Suwanratna, Deputy Director General
4. The Communications Authority of Thailand (CAT)
Address: 99 Chaengwatthana Rd., Lak-si, Don Muang, Bangkok 10002
Tel.: 573-0099 Fax.: 573-7093
Persons Contacted: Mr. Jirachai Srijohn, Executive Director
5. Metropolitan Waterworks Authority (MWA)
Address: 18/137 Prachachuen Rd., Don Muang, Bangkok 10210
Tel.: 503-9464 Fax.: 504-0120
Persons Contacted: Mr. Watana Yuckpan, Deputy Governor
6. Provincial Waterworks Authority (PWA)
Address:
Tel.: Fax.:
Persons Contacted: Mr. Thira, Assistant Governor
7. Development of Industrial Works (DIW)
Address: Rama VI Rd., Bangkok 10400
Tel.: 245-7875 Fax.: 245-7875
Persons Contacted: Mr. Prawit
Mr. Issra Shoatburakarn
8. Department of Pollution Control (DPC)
Address: 539/2 Sri-Ayudhya Rd., Rajdhavee, Bangkok 10400
Tel.: 642-5021 Fax.: 642-5025
Persons Contacted: Mr. Adisak Thongkaimook
9. The State Railway of Thailand (SRT)
Address: Nopawong, Bangkok 10330
Tel.: 223-0341 Fax.: 225-3801
Persons Contacted: Mr. Smaur Shavavai, Deputy General Manager
10. Airport Authority of Thailand (AAT)
Address:
Tel.: Fax.:
Persons Contacted: Mr. Phojana Simasathian, Manager

11. Port Authority of Thailand (PAT)
Address: 81/3 On-Nut 46, Prakanong, Bangkok
Tel.: 321-3617 Fax.:
Persons Contacted: Mrs. Kanchana Ubolcholket, Director
12. Department of Highway (DOH)
Address:
Tel.: 248-5466 Fax.:
Persons Contacted: Mr. Tavepatana Tinamas, Senior Expert
13. Expressway and Rapid Transit Authority of Thailand (ETA)
Address: Phaholyothin Rd., Bangkok, Bangkok 10900
Tel.: 579-5168 Fax.:
Persons Contacted: Mr. Siva Charoenpong, Deputy Governor
14. Electricity Generating Authority of Thailand (EGAT)
Address:
Tel.: Fax.:
Persons Contacted: Mr. Somwang, Deputy General Director
15. Metropolitan Electricity Authority (MEA)
Address: 121 Chakpetch Rd., Bangkok 10200
Tel.: 225-5561 Fax.: 255-9990
Persons Contacted: Dr. Tongtaj Hongladarom, Deputy Governor
16. Provincial Electricity Authority (PEA)
Address: 200 Ngamwongwan Rd., Bangkok 10900
Tel.: 590-5710 Fax.: 589-4859
Persons Contacted: Mr. Phasook Longsomboon, Manager
17. Department of Energy Development and Promotion (DEDP)
Address:
Tel.: Fax.:
Persons Contacted: Ms. Lawan
18. Land Transport Department (LTD)
Address:
Tel.: 272-3045 Fax.:
Persons Contacted: Mr. Anak Chaipiriyapitak

Government Organizations/Institutions

1. Department of Skill Development, Ministry of Labour and Social Welfare
Address: Mitmaitree Rd., Bangkok 10400
Tel.: 246-1931 Fax.: 247-6603
Persons Contacted: Mr. Preecha Srithunya, Director
2. Eastern Institute for Skill Development (EISD)
Address:
Tel.: Fax.:
Persons Contacted:

3. Ratchburi Institute for Skill Development (RISD)
 Address:
 Tel.: Fax.:
 Persons Contacted:
4. Department of Economic Research, Bank of Thailand
 Address: 273 Samsen Rd., Bangkhunprom, Bangkok 10200
 Tel.: 283-5645 Fax.: 282-5082
 Persons Contacted: Mr. Yongyudh Amatayakul, Chief
5. Choonhavan Technology Training Center
 Address: 222 Mu 3 Swamaree Industrial Zone, Rujsima-Chokechai Rd.,
 Muang Nakhonvatchasima
 Tel.: 044-212742 Fax.:
 Persons Contacted: Mr. Hajime Mimura, Director
6. Bangkok Bank, Research Department
 Address: 273 Samsen Rd., Bangkhunprom, Bangkok 10200
 Tel.: 283-5645 Fax.: 282-5082
 Persons Contacted: Dr. Thanisr Chaturongkai, Assistant Manager
7. Department of Export Promotion
 Address:
 Tel.: Fax.:
 Persons Contacted: Mr. Panot Punyahotra, Senior Trade Officer
8. Customs Department
 Address:
 Tel.: Fax.:
 Persons Contacted: Mr. Akres Petvipusit

Others

1. Cherdchai Motor Service Co., Ltd.
 Address: 1069 Friendship Highway, Nakornrajsima 3000
 Tel.: 044-215881 Fax.:
 Persons Contacted: Mr. Suravut Cherdchai, Production Manager
 No. of Employees: 1,000
2. Korat Automotive Co., Ltd.
 Address: 222 Mu 3 Suranaree Industrial Zone, Rajsima-Chokechai Rd., Muang,
 Nakhonvatchasima
 Tel.: 044-212151 Fax.:
 Persons Contacted: Mr. Nobuo Iwamura, Factory Manager
 No. of Employees: 300
3. Korat Saisan Co., Ltd.
 Address: 224 Suranaree Industrial Zone, Rajsima-Chokechai Rd., Muang,
 Nakhonvatchasima
 Tel.: 044-212687 Fax.:
 Persons Contacted: Mr. Koichi Kunitomi, President
 No. of Employees: 104

4. Mitsiam International, Ltd.
 Address: 15th Floor, Sathoru City Tower, 175 South Sathoru Rd., Bangkok 10120
 Tel.: 285-1020 Fax.:
 Persons Contacted: Mr. Toshio Awata, Vice President

5. Toyota Tsusho (Thailand) Co., Ltd.
 Address: 607 Asoke Dindaeng Rd., Bangkok 10400
 Tel.: 247-6211 Fax.:
 Persons Contacted: Mr. Tadaaki Yoshikawa, Manager

6. Bangkok Coil Center Co., Ltd.
 Address: 272 MHU 1, Soil Mhobang, Suksawad Rd., Laemfahpa Comm., Samutpraka
 Tel.: 425-8998 Fax.:
 Persons Contacted: Mr. Norimichi Edamura, President

7. Thai Orix Leasing Co., Ltd.
 Address: 313, CP Tower, Silom Rd., Bangkok, Bangkok 10500
 Tel.: Fax.:
 Persons Contacted: Mr. Wataru Kusuo, Executive Director

8. Itochu (Thailand) Ltd.
 Address:
 Tel.: Fax.:
 Persons Contacted: Mr. Fukumoto, Managing Director

9. Thai Safety Glass Co., Ltd.
 Address:
 Tel.: Fax.:
 Persons Contacted:

10. Siam Asahi Technoglass Co., Ltd.
 Address:
 Tel.: Fax.:
 Persons Contacted:

11. Thai Asahi Glass Co., Ltd.
 Address:
 Tel.: Fax.:
 Persons Contacted:

12. Mitsui & Co. (Thailand)
 Address:
 Tel.: Fax.:
 Persons Contacted:

Government Agencies

1. Industrial Development Div. DIP.

Address : 3 rd. Fl. ISI Building, Soi Treemit, Kluay Nam Thai, Rama 4 Rd.,
Prakanong, Bangkok, 10110

Tel. : 381-1602 Fax : 381-1601

Persons Contacted : Mrs. Sumonman Kalayasiri

2. MIDI

Address : Soi Treemit, Rama 4 Rd., Prakanong, Bangkok, 10110

Tel. : 381-1051 Fax : 381-1812

Persons Contacted : Mr. Damri Sukhotanang

3. EIPC

Address : 167/16-17 Bangsaen Rd., T. Saensook, A. Muang, Chonburi,
20130

Tel. : (038) 384-876 Fax : (038) 384-876

Persons Contacted : Mrs. Sanya Agkisopa

4. IEAT

Address : 618, Makkasan Rd., Rajthevi, Bangkok, 10400

Tel. : 253-2837 Fax : 253-4086

Persons Contacted : Mrs. Anchalee Chavanich

5. Office of Industrial Economy

Address : Ministry of Industry, Rama VI Rd., Bangkok, 10400

Tel. : 245-6703 Fax : 245-6659

Persons Contacted : Mr. Chamroon Malaigrong
Mrs. Orapin Werawut

6. Small Industry Finance Corporation

Address : 539/2 Gypsum Metropolitan Tower, 19 B/Fl., Sri-Ayudhya Rd.,
Rajdhavee, Bangkok, 10400

Tel. : 248-4467 Fax : 248-4389

Persons Contacted : Mr. Vichien Opasvadhana

7. IFCT

Address : 1770 New Petchburi Rd., Bangkok, 10310
Tel. : 253-7111 Fax : 253-9677
Persons Contacted : Mr. vorayuth Charoenloet
Mr. Teerawut Pangrioonrug

8. NESDB (Infrastructure Projects Div.)

Address : 962 Krung Kasem Rd., Bangkok, 10100
Tel. : 281-0992 Fax : 280-4085
Persons Contacted : Mr. Piromsakdi Laparojkit, Director

9. Thai Management Development and Productivity Centre

Address : 1193 Boonpong Tower, Phahonyothin Rd., Bangkok, 10400
Tel. : 278-1788 Fax : 246-4285
Persons Contacted : Mr. Satit Siriromgkamanont

10. BOI (Investment Promotion Div. 4)

Address : 555 Vipavadee Rangsit Rd., Chatuchak, Bangkok, 10900
Tel. : 537-8164 Fax : 537-8177
Persons Contacted : Mr. Vichit Vuthisombut, Director

*11. Technological Promotion Association (Thai-Japan)

Address : 5-7 Sukhumvit Rd., Soi 29, Prakanong, Bangkok, 10110
Tel. : 258-0320 Fax : 258-6440
Persons Contacted : Mr. Supot Tungkaserawong

*12. Thai Tool and Die Industry Association

Address : 2 nd. Fl., MIDI Building, Soi Trimit, Kluay Nam Thai, Rama 4 Rd.,
Bangkok, 10110
Tel. : 381-1051-6 Fax : 381-1812
Persons Contacted : Mr. Chulapat Pholyothin

13. Testing and Training Centre (Bang Poo)

Address : Bang Poo Industrial Estate, Km. 34, Sukhumvit Rd., Samutprakarn,
10280
Tel. : 324-0720 Fax : 323-9598
Persons Contacted : Mr. Surasak Asavadorndeja

14. TISI (Standard Div. 1)

Address : Ministry of Industry, Bangkok, 10400
Tel. : 587-7342 Fax : --
Persons Contacted : Mr. Chalit Homnual

*15. FTI

Address : 394/14 Samsen Rd., Dusit, Bangkok, 10300
Tel. : 280-0951 Fax : 280-0959
Persons Contacted : Mr. Pairote Gesmankit

16. Fiscal and Tax Policy Div., Ministry of Finance

Address : Rama 6 Rd., Bangkok, 10400
Tel. : 273-9020 Fax : 273-9168
Persons Contacted : Ms. Chanathip Poshyananda
Mr. Kritsda Udyanin

17. The Government Saving Bank

Address : 470 Rhaholyothin Rd., Bangkok, 10400
Tel. : 279-2095 Fax : 278-5473
Persons Contacted : Mrs. Ruedee Ponganant

18. NISD (National Institute for Skill Development)

Address : Department of Skill Development, Mitr-Maitri Rd., Bangkok, 10400
Tel. : 247-9422 Fax : 247-0300
Persons Contacted : Mrs. Areeya Rojvithee

19. Department of Vocational Education

Address : Rachadamuem Nok Rd., Bangkok, 10300
Tel. : 280-2945 Fax : 280-4487
Persons Contacted : Mr. Prasert Nonpala

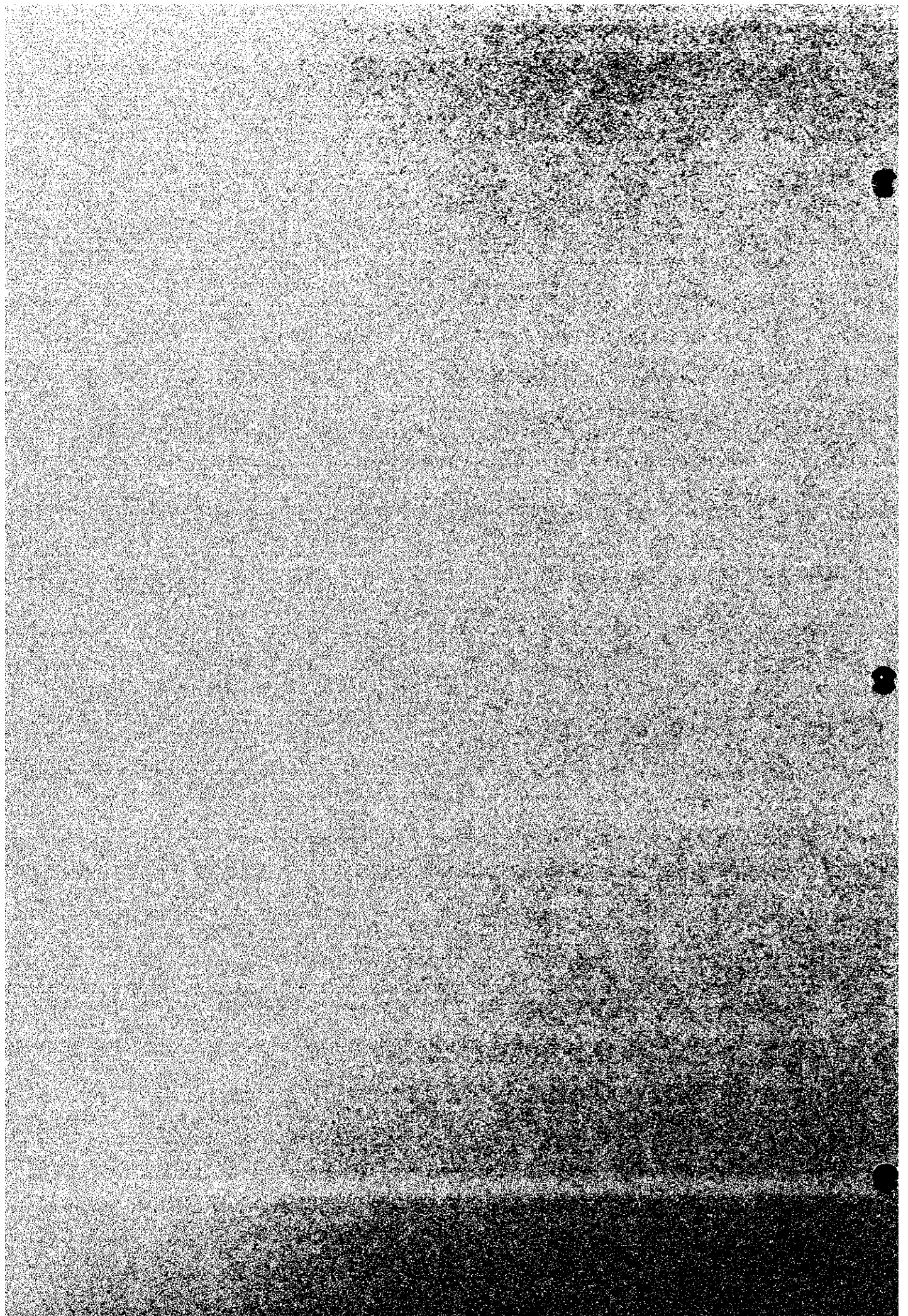
20. Technology Transfer Centre

Address : Rama VI Rd., Rajthewi Bangkok, 10400
Tel. : 245-0746 Fax : 246-8106
Persons Contacted : Mr. Anan Srisanit

Note : * Private Sector

ANNEX-X

SCOPE OF WORK FOR THE STUDY



SCOPE OF WORK
FOR
THE STUDY
ON
INDUSTRIAL SECTOR DEVELOPMENT
-SUPPORTING INDUSTRIES-
IN
THE KINGDOM OF THAILAND

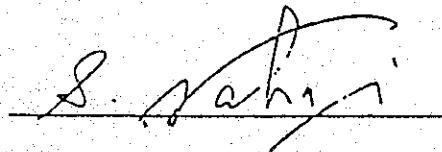
AGREED UPON BETWEEN

DEPARTMENT OF INDUSTRIAL PROMOTION,
MINISTRY OF INDUSTRY

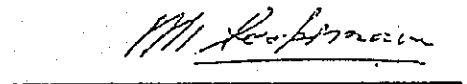
AND

JAPAN INTERNATIONAL COOPERATION AGENCY

BANGKOK, JUNE 3, 1993



SHINYA NAKAI
LEADER,
PREPARATORY STUDY TEAM,
JAPAN INTERNATIONAL
COOPERATION AGENCY



MANAS SOOKSMARN
DIRECTOR-GENERAL,
DEPARTMENT OF INDUSTRIAL
PROMOTION,
MINISTRY OF INDUSTRY

I. INTRODUCTION

In response to the request of the Government of the Kingdom of Thailand, the Government of Japan decided to conduct the Study on Industrial Sector Development -Supporting Industries- in the Kingdom of Thailand (hereinafter referred to as "the Study") in accordance with the Agreement on Technical Cooperation between the Government of Japan and the Government of the Kingdom of Thailand signed on 5th November, 1981.

Accordingly, the 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 the the Government of Kingdom of Thailand.

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

II. OBJECTIVE OF THE STUDY

The objective of the Study is to formulate a development and promotion plan for the supporting industries (parts and components manufacturers).

The Study shall cover the following two supporting industries :

- (i) auto parts industry
- (ii) electrical and electronic parts industry

III. SCOPE OF THE STUDY

The Study shall be conducted in two phases.

The present promotional policies for the supporting industries and the present status of the said supporting industries in general shall be studied in the first phase so as to select prior products.

In-depth study for the selected prior products shall be conducted in the second phase.

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

Phase I :

1. Review of existing institutional and promotional policies relevant to supporting industries development

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- 1-1 Institutional set up (administrative system, policy making bodies)
- 1-2 Technical development policy (standardization and QC)
- 1-3 Financial policies (taxation system, subsidies and customs duties)
- 1-4 Investment promotion policy including technical collaboration
- 1-5 Infrastructure (industrial estate, waste water treatment plant and power supply)

2. Review on the present status of the selected supporting industries :

- 2-1 Number of enterprises by scale
- 2-2 Products of each supporting industry
- 2-3 Production volume (quantity and value)
- 2-4 Export and import volume (quantity and value)
- 2-5 Profiles of the leading enterprises
- 2-6 Supply source of parts and components used by major assembling firms (hereinafter referred to as "assemblers")

3. Selection of the prior products

Based on the review study, the prior products in the supporting industries shall be selected for the subsequent Phase II study.

Phase II:

1. Review of the present institutional and promotional policies towards prior products
2. Study on the present situations and problems hampering supply of prior products to the assemblers
 - 2-1 Management (labor management, human resources development, financial management, etc.)
 - 2-2 Manufacturing process
 - 2-3 Technical level (machinery and technical skills)
 - 2-4 Procurement of raw materials
 - 2-5 Factory management and quality control
 - 2-6 Product development and design
 - 2-7 Cost analysis
 - 2-8 Marketing
 - 2-9 Future demand forecast by the assemblers

S. J. M.

3. literary study on the market situation of the prior products in other major countries

3-1 Trends of production, import and export

3-2 Competitiveness and marketability of the Thai products

4. Formulation of a master plan for development of the supporting industries, especially for the prior products covering the recommendations concerning :

4-1 Institutional and promotional policy (e.g. financial assistance and incentives)

4-2 Technical development (e.g. technical counselling, R&D, QC, standardization, product design)

4-3 Marketing promotion

4-4 Management promotion (e.g. human resources development, labor management)

4-5 Investment promotion (e.g. joint ventures, technical licensing)

4-6 Supporting infrastructure development (e.g. industrial estate, pollution control, utilities, common service facilities)

5. Information services for promotion of investment and technical collaboration

5-1 Potential investors from Japan for the selected supporting industries/products

5-2 Potential Thai investors for the selected supporting industries/products

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 Thailand.

Ten (10) copies of the Inception Report

Ten (10) copies of the Progress Report

Twenty (20) copies of the Interim Report

Thirty (30) copies of the Draft Final Report

S. L. M.

Thirty (30) copies of the Final Report

VI. UNDERTAKING BY THE GOVERNMENT OF THE KINGDOM OF THAILAND

1. The Government of the Kingdom of Thailand shall accord privileges, immunities and other benefits to the Japanese study team (hereinafter referred to as "the Team") in accordance with the Agreement on Technical Cooperation between the Government of Japan and the Government of the Kingdom of Thailand.
2. To facilitate smooth conduct of the Study, the Government of the Kingdom of Thailand shall take necessary measures :
 - 2-1 To secure safety of the Team
 - 2-2 To permit the members of the Team to enter, leave and sojourn in Thailand for the duration of their assignment therein, and exempt them from alien registration requirements and consular fees
 - 2-3 To exempt the members of the Team from taxes, duties and other charges on equipment, machinery and other materials brought into, and out of, Thailand for the conduct of the Study
 - 2-4 To exempt the members of the Team from income tax and charges of any kind imposed on, or in connection with, any emoluments or allowances paid to them for their services for the implementation of the Study
 - 2-5 To provide necessary facilities to the Team for remittance as well as utilization of the funds introduced into Thailand from Japan for the implementation of the Study
 - 2-6 To secure permission for entry into private properties or restricted areas for the conduct of the Study
 - 2-7 To secure permission for the Team to take all data and documents including photographs related to the Study out of Thailand
 - 2-8 To provide medical service as needed. (Its expenses can be charged to the members of the Team.)
3. The Government of the Kingdom of Thailand shall bear claims, if any arises against the members of the 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 Team members.

S. J. M.

4. The Department of Industrial Promotion, Ministry of Industry (hereinafter referred to as "DIP"), shall act as a counterpart agency to the Team as well as the coordinating body in relation with other governmental and non-governmental organizations concerned for the smooth implementation of the Study.

5. DIP shall, at its own expenses, provide the Team with the following in cooperation with other organizations concerned :

5-1 Available data and information related to the Study

5-2 Counterpart personnel

5-3 Suitable office space with necessary equipment

5-4 Credentials or identification cards

5-5 Vehicles

6. DIP shall organize the Steering Committee (hereinafter referred to as "the Committee") for the purpose of smooth and effective implementation of the Study.

The Chairman of the Committee shall be the Director-General of DIP and its secretariat shall be set up within DIP.

VII. UNDERTAKING BY JICA

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

1. To dispatch, at its own expenses, a series of study teams to the Kingdom of Thailand

2. To pursue technology transfer to the Thai counterpart personnel

VIII. OTHERS

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

S. J. M.

TENTATIVE WORK SCHEDULE

□ Work in Thailand ▨ Work in Japan ▩ Work in Thailand

Year	1993												1994					1995			
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
Project Month	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.
Preparatory Work in Japan	□																				
Work in Thailand	▨	▨	▨	▨	▨	▨	▨	▨	▨	▨	▨	▨	▨	▨	▨	▨	▨	▨	▨	▨	▨
Presentation of Inception Report	△	①		②	△(1)		③	△(1)			④		△(2)								
Presentation of Progress Report																					
Presentation of Interim Report																					
Analytical Work in Japan																					
Presentation of Draft Final Report																			△	⑤	
Submission of Final Report																					▲

- ① Explanation & Discussion on Inception Report
- ② Explanation & Discussion on Interim Report(1)
- ③ Explanation & Discussion on Draft Study on assembling firms
- ④ Phase II Study
- ⑤ Explanation & Discussion on Interim Report(2)
- ⑥ Exp'nation & Discussion on Draft Final Report

