

1. ミニッツ

MINUTES OF DISCUSSIONS
BETWEEN THE JAPANESE MID-TERM EVALUATION TEAM
AND THE AUTHORITIES CONCERNED
OF THE GOVERNMENT OF MALAYSIA
ON THE JAPANESE TECHNICAL COOPERATION
FOR THE JAPAN-MALAYSIA TECHNICAL INSTITUTE PROJECT

The Japanese Mid-Term Evaluation Team (hereinafter referred to as "the Team") organized by the Japan International Cooperation Agency (hereinafter referred to as "JICA") and headed by Mr. Yoshiaki Umimae, visited Malaysia from August 21 to September 8, 2000.

During its stay in Malaysia, the Team exchanged views and had a series of discussions with the authorities concerned of the Government of Malaysia and jointly evaluated the achievements of the Japan-Malaysia Technical Institute Project (hereinafter referred to as "the Project").

As a result of the discussions, both sides agreed to report to their respective Governments the matters referred to in the document attached hereto.

Kuala Lumpur, September 7, 2000

海前 嘉明

Mr. Yoshiaki Umimae
Leader,
Japanese Mid-Term Evaluation
Team,
Japan International Cooperation
Agency,
Japan



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Director General,
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Ministry of Human Resources,
Malaysia

THE ATTACHED DOCUMENT

1. Introduction

1. Preface

The Project was initiated on 15 January 1998 and will be completed by 14 January 2003. This time, with the remaining project period of approximately two years, the Team visited Malaysia from 21 August to 8 September 2000 for the purpose of evaluating the achievements of the Project at the mid-term period. The evaluation has been undertaken jointly by the Malaysian authorities concerned of the Project and the Team.

2. Objectives of Evaluation

Objectives of the mid-term evaluation are:

- (1) to review and evaluate the inputs and activities of the Project so far carried out,
- (2) to clarify the problems and issues to be addressed for the successful implementation of the Project for the rest of its period,
- (3) to assess the rationale for the continuation of the Project based on review and evaluation, and
- (4) to make proposals for activities in the remaining period.

3. Methodology of Evaluation

Project Design Matrix (PDM) was used as the basic tool of evaluation. The Team reviewed all the activities and achievements, and evaluated the Project based on the following five components:

(1) Effectiveness

Effectiveness means the achievement degree of the Project purpose and Outputs based on the activities.

(2) Impact

The impact of the Project activities is forecasted by either positive or negative changes caused by the Project, which are not originally expected in the project plan.

(3) Efficiency

The efficiency of the project implementation is analyzed with the emphasis on the relationship between outputs and inputs in terms of timing, quality and quantity of the inputs.

(4) Relevance

Relevance means the validity of the outputs, the Project purpose and the overall goal in connection with the development policy of the Government of Malaysia and needs of the recipient society.

(5) Sustainability

The sustainability of the Project is assessed at organizational, financial and technical aspects by examining the extent to which the achievements of the Project are sustained or expanded after the Project is completed.

In order to evaluate the past performance of the Project, the following materials were used:

- (1) The Record of Discussions (R/D), the Tentative Schedule of Implementation (TSI), the Annual Plan of Operation, the Minutes of Meeting and PDM,
- (2) The Minutes of Meetings of the Joint Coordinating Committee and the Technical Advisory Committee,
- (3) Data of inputs and outputs from the Project,
- (4) Results of a series of discussions and interviews,
- (5) Results of questionnaires.

4. Result of Revision of PDM

Both Malaysian and Japanese sides agreed to revise the current PDM. (current PDM - ANNEX 1, revised PDM - ANNEX 2)

II. Achievements of Inputs

1. Japanese Side

(1) Dispatch of Experts

The Japanese side dispatched eleven (11) long-term experts and nine (9) short-term experts for technology transfer. (ANNEX 3)

(2) Training of Counterpart Personnel in Japan

The Japanese side accepted fifty-eight (58) counterpart personnel for technical training in Japan (including country focused group training course and individual training). (ANNEX 4)

(3) Provision of Machinery and Equipment

The Japanese side provided machinery and equipment, which is worth approximately 513 million Japanese yen (including transportation cost). (ANNEX 3)

(4) Installation of Machinery and Equipment

The Japanese side dispatched twelve (12) engineers in order to install machinery and equipment provided by the Japanese side. (ANNEX 3)

(5) Support of Local Costs

In addition to general administrative cost for Japanese experts'

activities, local cost by the Government of Japan amounted to approximately 27 million Japanese yen by June 2000.

2. Malaysian Side

(1) Building and Facilities

The Malaysian side allocated the land, some buildings and facilities for the Project. (ANNEX 7)

(2) Operational Cost

The Malaysian side allocated approximately 5.4 million Ringgit Malaysia for the Project from Malaysian fiscal year 1998 to 2000. (ANNEX 5)

(3) Development Cost

The Malaysian side approved approximately 130 million Ringgit Malaysia for the Project buildings, machinery and equipment under the 7th Malaysia Plan. (ANNEX 5)

(4) Counterpart and Administrative Personnel

The Malaysian side assigned seventy-three (73) counterparts and ten (10) administrative personnel to the Project. (ANNEX 6)

III. Results of Evaluation

1. Achievements of the Plan

(1) Inputs

(a) Malaysian side

The Malaysian side has provided the land for the Project. Though main building, which consists of workshop blocks, technical blocks, administration blocks, library and lecture rooms, completed on 8 May 2000 and other buildings such as hostels for students, multipurpose hall, staff housing etc., are still under construction. (ANNEX 7)

A total of eighty-three (83) out of one hundred fifty-eight (158) counterpart personnel has been assigned and the delivery of almost all the machinery and equipment has been delayed.

(b) Japanese side

The dispatch of experts, training of counterpart personnel in Japan and provision of machinery and equipment had been implemented on schedule.

(2) Activities

The Project started at a temporary campus at the Center for Instructor and Advanced Skill Training (CIAST) in January 1998 and subsequently

moved to a new campus in Bukit Minyak in January 2000.

During this period, training activities could not be carried out effectively due to the lack of machinery and equipment, and counterpart personnel.

The Joint Coordinating Committee has met four (4) times and the Technical Advisory Committee only once, so far.

(3) Outputs

Systematic vocational training has been planned and necessary courses for the Project have been identified and prepared. Measures to enroll qualified trainees have been established.

(4) Project purpose

Currently, there are two hundred seventy eight (278) students undergoing training in (4) courses. Twenty-eight (28) students are expected to graduate as highly skilled industrial technologists (L4 or equivalent) in December of 2000. (ANNEX 8)

2. Five Criteria of Evaluation Method

(1) Effectiveness

Adequate facilities, machinery and equipment for training have not been prepared nor made operational yet due to the delay in the delivery and installation by the Malaysian Side.

Necessary number of qualified instructors have not been trained due to the delay in the assignment by the Malaysian side.

(2) Efficiency

The building construction did not meet the planned installation schedule of the delivered machinery and equipment provided by the Japanese side.

The delay in procurement of machinery and equipment by the Malaysian side has adversely affected the activities of the Project.

(3) Impacts

The Penang state government is keen on the progress of the Project. Penang Skill Development Center (PSDC), University of Science, Malaysia and International Islamic University have enquiry on possible cooperation with the Project.

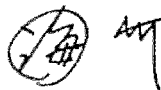
(4) Relevance

Under the 7th Malaysia Plan (1996-2000), the Government of Malaysia has established the Project and Advanced Technology Training Centres (ADTEC) to meet the requirements of highly skilled industrial technologists in the manufacturing sector.

(5) Sustainability

(a) Institutional Aspect

The training curricula developed by the Project are expected to



be recognized by the National Vocational Training Council (NVTC).

(b) Financial aspect

The Government of Malaysia has allocated necessary budget for both of its operational and development activities of the Project. The Manpower Department has proposed further development of the Project under the 8th Malaysia Plan (2001-2005). Estimated cost is approximately 140 million Ringgit Malaysia.

(c) Technical aspect

It is expected that counterpart personnel will acquire the necessary skills and knowledge from Japanese Experts during the period of the Project.

After completion of the Project, the efforts for the improvement of technical skills and knowledge should be continued by the Malaysian side.

3. Conclusion

The Project is significant for the Malaysian industries, especially in the manufacturing sector even though there are difficult conditions in achieving successful implementation of the Project.

4. Recommendations

Based on the findings of evaluation on the progress of the Project, the Team recommends both the Malaysian and Japanese authorities concerned to take the following measures so as to achieve effective results of the activities in the rest of the Project period.

(1) Construction of the building

The Malaysian side should ensure that the contractor achieve early completion of buildings construction under the Phase II and monitor the progress so that the construction will be completed on schedule.

The buildings already completed in the Stage I of the Phase II should be utilized accordingly.

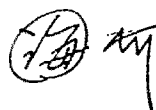
(2) Machinery and Equipment

The delivery and installation of machinery and equipment to be purchased by the Malaysian side should be accelerated urgently in order of priority.

(3) Assignment of counterpart personnel

(a) Assignment plan of counterpart personnel should be carried out accordingly. In this exercise, priority should be given to the Computer Engineering and the Electronics Engineering Departments.

(b) Transfer of counterpart personnel, particularly those trained in Japan, should be minimized during the Project period. If the transfer of the counterpart personnel is necessary, the Chief Adviser should



be consulted accordingly.

(c) The Malaysian side should assign twenty-five (25) counterpart personnel by 15 October 2000 and the balance, by the first quarter of the year 2001.

(4) Training in Japan

Candidates for counterpart training in Japan should be prepared with related skill training and knowledge on the Japanese language and work culture.

(5) Implementation of Training

The appropriate measures should be taken to ensure that training hours of both knowledge and practice satisfy the requirements of diploma courses. Short courses being carried out at the Project should be related with the Project purpose.

(6) The Technical Advisory Committee (TAC)

The TAC should be held at least twice a year.

(7) Security of Machinery and Equipment

For the security of machinery and equipment installed in the workshop blocks, appropriate measures should be taken.

IV. Others

1. Engineering Consultancy Services

An A-1 form for the expert in Engineering Consultancy Services should be re-submitted urgently to the Japanese authorities concerned.

The assignment of its own counterparts will be required.

2. Programs with the Polytechnic University, Japan

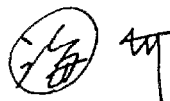
The Team implied that the University would be unable to accept the proposal in terms of academic and administrative aspects.

3. Instructor Academic Upgrading Program

As to the instructor academic upgrading program suggested by the Malaysian side, the Team proposed that the existing training/scholarship programs be utilized to address this matter.

4. Bachelor Technology Course

In reply to the request for further JICA cooperation in bachelor technology course, the Team expressed that it is of the utmost importance to attain the Project purpose.



PROJECT DESIGN MATRIX(PDM)

Project Name : The Japan-Malaysia Institute Project

Date ; October, 7th, 1997

Narrative Summary	Objectively Verifiable Indicators	Means of Verification	Important Assumption
<p>Overall Goal</p> <p>To satisfy the industrial needs for industrial technologists in the field of high technology.</p>	<p>The number of industrial technologists employed by high tech. industries increases by the year</p>	<p>Statistics issued by the Ministry of Human Resources.</p>	<p>1. Economic situation related to the high tech. sector does not deteriorate. 2. The Malaysian Government won't be forced to implement policies against high tech. industries.</p>
<p>Project Purpose</p> <p>To produce highly skilled industrial technologist(LA or Equivalent) in the fields of high technology in manufacturing, electronics, computer and mechatronics in the Japan-Malaysia Technical Institute (hereinafter referred to as "JMTI").</p>	<p>1. The number of graduates of JMTI with an official diploma. 2. The number of graduates employed by the relevant industries.</p>	<p>1. List of graduates(JMTI). 2. Records of graduates' employment situation.</p>	<p>1. Post employment skill training is strengthened by the existing or new vocational institutes. 2. Perception of public towards vocational training is improved. 3. Number and capacity of training centers which can produce Industrial Technologists increase. 4. Working for the above mentioned training centers as instructor is reasonably attractive.</p>
<p>Outputs</p> <p>1. Systematic vocational training is planned at JMTI. 2. Measures to enroll qualified trainees established. 3. Necessary number of qualified instructors in the above fields are trained for JMTI. 4. Necessary training courses in the above fields are identified, prepared and conducted. 5. Adequate facilities, machinery and equipment for training are prepared and made operational. 6. JMTI is well managed in terms of organization, personnel and finance.</p>	<p>1. The detailed plan of operations. 2. Practice of effective promotional activities of public relations. 3. The number, qualification and ability improvement of instructors in JMTI. 4. The number and quality of training courses developed and conducted in JMTI. 5. The number of facilities, machinery and equipment in use at JMTI. 6. Well structured organization and the good financial condition.</p>	<p>1. Document of the plan. 2. Publication for promotional activities. 3. The evaluation list of instructors. 4. (1) The Annual report of the JMTI. (2) Questionnaires on employers' evaluation of graduates' performance. 5. The list of facilities, machinery and equipment. 6. Organization chart and annual report (financial statements).</p>	<p>The Diploma issued by the Manpower Department of the Ministry of Human Resources which is either to be endorsed equivalent to the NVTC LA Certificate or to be recognized by the Public Service Department.</p>



<u>Activities</u>	<u>Inputs</u>	
<p>1-1 To analyze the current situation of high technology industries in Malaysia.</p> <p>1-2 To clarify vocational training program required by the Malaysian industries.</p> <p>1-3 To design vocational training program adapted to the Malaysian industrial needs.</p> <p>2-1 To prescribe the qualifications and requirements for JMTI applicant.</p> <p>2-2 To carry out promotional and public relations activities on JMTI to recruit potential applicant.</p> <p>2-3 To conduct recruitment and selection of JMTI trainees.</p> <p>3 To train instructors in both Malaysian and Japan in:</p> <ul style="list-style-type: none"> -1 curriculum development ; -2 professional skills ; -3 development of teaching materials ; -4 teaching method ; -5 method of the class preparation ; -6 method of the course management ; and -7 method of the training evaluation. <p>4-1 To develop the curricula of training courses.</p> <p>4-2 To conduct training courses.</p> <p>4-3 To evaluate training courses.</p> <p>4-4 To improve training courses when necessary.</p> <p>5-1 To prepare and install machinery and equipment.</p> <p>5-2 To manage and maintain facilities, machinery and equipment.</p> <p>6-1 To set up the Joint Coordinating Committee and convene it at least once a year.</p> <p>6-2 To set up the Technical Advisory Committee and convene it at least twice a year.</p> <p>6-3 To appoint proper personnel.</p> <p>6-4 To monitor management regularly.</p> <p>6-5 To formulate an annual plan of operation.</p>	<p>1. Malaysian Side</p> <ul style="list-style-type: none"> (1) The land for JMTI. (2) The design and the construction of JMTI building and facilities. (3) Machinery and equipment. (4) Assignment of Malaysian full-time counterpart personnel. (5) Assignment of administrative personnel. (6) Expenses necessary for the implementation of the Project. <p>2. Japanese Side</p> <ul style="list-style-type: none"> (1) Dispatch of Experts. <ul style="list-style-type: none"> Long-Term Experts <ul style="list-style-type: none"> a. Chief Advisor : one (1). b. Coordinator : one (1). c. Training Planning : one (1). d. Manufacturing Engineering Technology : one (1). e. Electronic Engineering Technology : one (1). f. Computer Engineering Technology : one (1). g. Mechatronics Engineering Technology : one (1). <p>Short-term experts will be dispatched to ensure smooth implementation of the Project.</p> <ul style="list-style-type: none"> (2) Training of counterpart personnel in Japan. <p>Malaysian counterpart personnel will be trained in Japan according to the annual work plan of the Project within the budget allocated for the technical cooperation.</p> <ul style="list-style-type: none"> (3) Provision of machinery and equipment. <p>Part of the machinery and equipment necessary for the effective implementation of the Project will be provided within the budget allocated for the technical cooperation.</p>	<p>The instructors remain in JMTI.</p>
		<p><u>Pre-conditions</u></p> <p>The building, facilities and certain amount of machinery and equipment of JMTI are provided by the Malaysian side and operational.</p>

Revised PROJECT DESIGN MATRIX (PDM)

Project Name : The Japan-Malaysia Institute Project

Date ; September, 6th, 2000

Narrative Summary	Objectively Verifiable Indicators	Means of Verification	Important Assumption
<p><u>Overall Goal</u></p> <p>To satisfy the industrial needs for industrial technologists in the field of high technology.</p>	<p>The number of industrial technologists employed by high tech. industries increases <u>from the year 1998.</u></p>	<p>Statistics issued by the Ministry of Human Resources and related authorities.</p>	<p>1. Economic situation related to the high tech. sector does not deteriorate. 2. The Malaysian Government won't be forced to implement policies against high tech. industries.</p>
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Achievement and Inputs by Japanese side

Item	Field	Name	Duration
Long-Term Experts (11 persons)	Chief Advisor	Mr. Nobuhiro UEHARA	1998.01.21 - 2001.01.20
	Coordinator	Mr. Yuji KATSUMATA	1998.01.21 - 2000.05.20
		Ms. Yoshie SATO	2000.05.07 - 2002.05.06
	Training Planning	Mr. Hideo UERA	1998.01.21 - 2000.01.20
		Mr. Tomohiro UCHINO	2000.01.06 - 2002.01.05
	Electronics Engineering	Mr. Hiroshi KODAMA	1998.03.25 - 2001.01.24
	Computer Engineering	Mr. Etsumasa HIURA	1998.04.10 - 2000.04.09
		Mr. Hisashi FURUI	2000.04.05 - 2002.04.04
Mechatronics Engineering	Mr. Kazuo SUZUKI	1998.07.29 - 2000.07.28	
	Mr. Toru IKEDA	2000.07.14 - 2002.07.13	
Manufacturing Engineering	Mr. Yoshihiro YABUKI	1998.07.29 - 2001.02.28	
	Dr. Rikio TOKUNAGA	1999.03.03 - 1999.03.09	
Short-Term Experts (9 persons)	VDT Works	Dr. Rikio TOKUNAGA	1999.03.03 - 1999.03.09
	Quality Control	Mr. Hideki FUJITA	1999.09.15 - 1999.09.29
	Design & Planning of in-house training Industrial Robotics	Mr. Goro ARAI	2000.01.18 - 2000.02.01
		Mr. Yasuaki TAMURA	2000.02.20 - 2000.03.16
	Flexible Manufacturing System	Mr. Kazuhiko TAKANASHI	2000.02.21 - 2000.03.16
	Flexible Manufacturing System	Mr. Kazuya TAKAHASHI	2000.02.21 - 2000.03.16
	Flexible Manufacturing System	Mr. Kazunori ITO	2000.02.21 - 2000.03.16
	Micro-Computer Control	Mr. Shigeru WATANABE	2000.02.28 - 2000.03.20
Industrial Robotics	Mr. Hiroshi MUTA	2000.03.20 - 2000.04.02	
C/P Training (15 persons)	Mechatronics Engineering	Mr. Azmi B. Ahmad	1997.10.27 - 1998.02.08
	Mechatronics Engineering	Mr. Zulkefli B. Abd Maman	1997.10.27 - 1998.02.08
	Mechatronics Engineering	Ms. Junnainah B. Husin Chua	1997.10.27 - 1998.02.08
	Mechatronics Engineering	Mr. Seliman B. Wagimin	1997.10.27 - 1998.02.08
	Manufacturing Engineering	Mr. Zamberi B. Jamaludin	1997.10.27 - 1998.02.08
	Mechatronics Engineering	Mr. Rustam B. Sulaiman	1999.08.31 - 1999.12.20
	Mechatronics Engineering	Mr. Salam B. Taazim	1999.08.31 - 1999.12.20
	Mechatronics Engineering	Mr. Abu Mansor B. Abd Muttalib	1999.08.31 - 1999.12.20
	Mechatronics Engineering	Mr. Mahadi B. Mat Idris	1999.08.31 - 1999.12.20
	Manufacturing Engineering	Mr. Pezol Ahmad B. Yahya	1999.08.31 - 1999.12.20
	Vocational Training Institute	Mr. Abdul Halim B. Abd Rahman	1999.06.14 - 1999.08.08
	Supervisory Training	Ms. Faizah BT. Harun	1999.10.25 - 1999.12.10
	Electronics Engineering	Ms. Shamsida BT. Zainal Abidin	2000.01.10 - 2000.04.30
	Mechatronics Engineering	Mr. Mohd Lazim B. Mat Lazi	2000.01.10 - 2000.04.30
	Manufacturing Engineering	Mr. Zainol B. Abd Razak	2000.01.10 - 2000.04.30
Provision of Equipment	Name of Equipment	Purchased Year	Purchased Price (JPY)
	Automatic Measuring System	JFY1997	101,654,700
	Diagnosis System	JFY1997	14,385,000
	Factory Automation Practice System	JFY1997	18,711,000
	Coordination Robot System	JFY1997	70,140,000
	Flexible Manufacturing System (Transportation Cost)	JFY1998	299,775,000 8,049,849
	Sub Total		512,715,549
Engineer for Installation	Name of Equipment (Number of Engineers)	Duration	Cost (JPY)
	Flexible Manufacturing System (3)	1999.11.14-1999.12.28	6,211,142
	Diagnosis System(2)	1999.12.01-1999.12.11	2,468,182
	Factory Automation Practice System(2)	1999.12.12-1999.12.25	1,812,643
	Automatic Measuring System (3)	2000.02.21-2000.03.15	5,303,721
	Coordination Robot System(2)	2000.02.20-2000.02.27	1,346,222
Sub Total		17,141,910	

Achievement on counterpart training in Japan

Subject	Name	Status	Duration	Present Title
JFY1997(Total 16 persons: C/P5, CF10, ID1)				
Computer Engineering	Mr. Azman B. Ibrahim	CF	97.10.27-98.2.8	Head of Department, Computer
Computer Engineering	Mr. Ahmad Nazri B. Zainol	CF	97.10.27-98.2.8	Head of Division, Computer
Electronics Engineering	Mr. Mohd Manoj B. Jumidali	CF	97.10.27-98.2.8	Director of ITI
Electronics Engineering	Mr. Nasaruddin B. Mohd Khalid	CF	97.10.27-98.2.8	General Subject Instructor
Mechatronics Engineering	Mr. Azmi B. Ahmad	C/P	97.10.27-98.2.8	Director of ITI
Mechatronics Engineering	Mr. Zulkefli B. Abd. Maman	C/P	97.10.27-98.2.8	Head of Department, Mechatronics
Mechatronics Engineering	Ms. Junnainah BT. Husin Chua	C/P	97.10.27-98.2.8	Head of Division, Mechatronics
Mechatronics Engineering	Mr. Abdul Halim B. Abd. Rahman	CF	97.10.27-98.2.8	Head of Department, Training Development & Business
Mechatronics Engineering	Ms. Faizah BT. Harun	CF	97.10.27-98.2.8	Head of Department, General Subject
Mechatronics Engineering	Mr. Seliman B. Wagimin	C/P	97.10.27-98.2.8	ITI
Manufacturing Engineering	Mr. Abdullah Hapipi B. Daimon	CF	97.10.27-98.2.8	Head of Department, Manufacturing
Manufacturing Engineering	Mr. Azmir B. Mohd Yunus	CF	97.10.27-98.2.8	Head of Division, Manufacturing
Manufacturing Engineering	Mr. Zamberi B. Jamaludin	C/P	97.10.27-98.2.8	Head of Division, Manufacturing
Manufacturing Engineering	Mr. Abd. Halim B. Ali Mohamed	CF	97.10.27-98.2.8	Mechatronics Instructor
Manufacturing Engineering	Ms. Hafazah BT. Jaffar	CF	97.10.27-98.2.8	Manufacturing Instructor
Project Planning & Management	Mr. Zaihan Shukri	ID	98.3.30-4.10	Director of JMJI
JFY1998(Total 25 persons: C/P5, CF20)				
Computer Engineering	Ms. Zafitil Azida BT. Sa'adin	CF	98.8.31-12.20	Head of Division, Computer
Computer Engineering	Mr. Mohd Sukri B. Ismail	CF	98.8.31-12.20	Computer Instructor
Computer Engineering	Mr. Zulkifli B. Omar	CF	98.8.31-12.20	Computer Instructor
Computer Engineering	Ms. Noraishah BT. Mohamad	CF	98.8.31-12.20	Computer Instructor
Computer Engineering	Mr. Mohd Halil B. Yahaya	CF	98.8.31-12.20	Computer Instructor
Computer Engineering	Ms. Nor Asykin BT. Ismail	CF	98.8.31-12.20	Computer Instructor
Computer Engineering	Mr. Azmanruzee B. Abdullah	CF	98.8.31-12.20	CIAST
Computer Engineering	Ms. Dalila BT. Sharingat	CF	98.8.31-12.20	CIAST
Electronics Engineering	Mr. Ismawi B. Ismal	CF	98.8.31-12.20	Head of Department, Electronics
Electronics Engineering	Mr. Johari B. Hj. Mohd Tahar	CF	98.8.31-12.20	Head of Division, Electronics
Electronics Engineering	Mr. Mohd Azhar B. Yahaya	CF	98.8.31-12.20	Electronics Instructor
Electronics Engineering	Ms. Norilza BT. Yaakub	CF	98.8.31-12.20	Electronics Instructor
Electronics Engineering	Mr. Mustapa B. Minhat	CF	98.8.31-12.20	ITI
Mechatronics Engineering	Ms. Shamsiah BT. Salleh	CF	98.8.31-12.20	Mechatronics Instructor
Mechatronics Engineering	Mr. Rustam B. Sulaiman	C/P	98.8.31-12.20	Mechatronics Instructor
Mechatronics Engineering	Mr. Salam B. Taazim	C/P	98.8.31-12.20	Mechatronics Instructor
Mechatronics Engineering	Mr. Abu Mansor B. Abd. Muttalib	C/P	98.8.31-12.20	ITI
Mechatronics Engineering	Mr. Mahadi B. Mat Idris	C/P	98.8.31-12.20	ITI
Manufacturing Engineering	Ms. Zuraini BT. Muda	CF	98.8.31-12.20	Head of Department, Student Affairs
Manufacturing Engineering	Mr. Azmi B. Mat	CF	98.8.31-12.20	Manufacturing Instructor
Manufacturing Engineering	Mr. Munirshah B. Sumiri	CF	98.8.31-12.20	Manufacturing Instructor
Manufacturing Engineering	Mr. Zulkifli B. Saad	CF	98.8.31-12.20	Manufacturing Instructor
Manufacturing Engineering	Mr. Tukimin B. Solehan	CF	98.8.31-12.20	CIAST
Manufacturing Engineering	Mr. Pezoh Ahmad B. Yahya	C/P	98.8.31-12.20	ITI
Manufacturing Engineering	Mr. Mohd Rosli B. Hussain	CF	98.8.31-12.20	ITI
JFY1999(Total 17 persons: C/P5, CF12)				
Vocational Training Institute	Mr. Abdul Halim B. Abd. Rahman	C/P	99.6.14-8.8	Head of Department, Training Development & Business
Supervisory Training	Ms. Faizah BT. Harun	C/P	99.10.25-12.10	Head of Department, General Subject
Computer Engineering	Mr. Md Fuzaila B. Sabu	CF	00.1.10-4.30	Computer Instructor
Electronics Engineering	Ms. Shamsida BT. Zainal Abidin	C/P	00.1.10-4.30	Electronics Instructor
Electronics Engineering	Mr. Zainal B. Atan	CF	00.1.10-4.30	Electronics Instructor
Electronics Engineering	Mr. Jamil B. Yahaya	CF	00.1.10-4.30	Electronics Instructor
Electronics Engineering	Mr. Mohd Zaibid B. Nordin	CF	00.1.10-4.30	Electronics Instructor
Mechatronics Engineering	Mr. Jailani B. Abdullah	CF	00.1.10-4.30	Mechatronics Instructor
Mechatronics Engineering	Mr. Khairul Anuar B. Deni	CF	00.1.10-4.30	Mechatronics Instructor
Mechatronics Engineering	Mr. Mohd Lazim B. Mat Lazi	C/P	00.1.10-4.30	Mechatronics Instructor
Mechatronics Engineering	Mr. Yaakub B. Sead	CF	00.1.10-4.30	Mechatronics Instructor
Mechatronics Engineering	Mr. Nikmat B. Mohamad	CF	00.1.10-4.30	Mechatronics Instructor
Manufacturing Engineering	Mr. Zainol B. Abd. Razak	C/P	00.1.10-4.30	Manufacturing Instructor
Manufacturing Engineering	Mr. Shahrin B. Othman	CF	00.1.10-4.30	Manufacturing Instructor
Manufacturing Engineering	Mr. Roslan B. Mat Ariff	CF	00.1.10-4.30	Manufacturing Instructor
Manufacturing Engineering	Mr. Noordin B. Abdullah	CF	00.1.10-4.30	Manufacturing Instructor
Manufacturing Engineering	Mr. Hamidom B. Ngah	CF	00.1.10-4.30	Manufacturing Instructor

※ C/P: Counterpart, CF:Country Focused, ID: Individual Training

ANNEX 5

JMTI OPERATION AND DEVELOPMENT BUDGET

OPERATION

1998	:	Part of CIAST operation
1999	:	RM 912,402.15
2000	:	RM 4,430,500.00

DEVELOPMENT

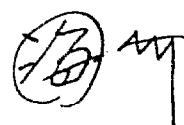
Seventh Malaysia Plan (1996 – 2000)

Project cost approved : RM 130,000,000.00

1996	:	RM 9,050.53
1997	:	RM 145,712.50
1998	:	RM 6,233,623.39
1999	:	RM 32,606,088.10
2000	:	RM 38,857,000.00

Proposed Eighth Malaysia Plan (2001 – 2005)

1. To build Recreation and Sports Facilities
(RM 40,000,000.00)
2. To expand Hostel, Training and Equipment Facilities
(RM 100,000,000.00)



MANPOWER ASSIGNMENT STATUS

N O	POST NAME	GRADE	APPROVED	FILLED	VACANT	REM.
1	DIRECTOR	J1	1	1	0	
2	DEPUTY DIRECTOR	J2	1	0	1	
3	VOCATIONAL TRAINING OFFICER	J3	40	36	4	
4	ASST. VOCATIONAL TRAINING OFFICER	J4	80	13(+14)*	53	(15)
5	ASST. VOCATIONAL TRAINING OFFICER	J7	21	9	12	
6.	ADMINISTRATION EXECUTIVE OFFICER	N6	1	1	0	
7	CHIEF CLERK	N7	1	1	0	
8	CLERK	N9	4	3	1 (PA)	
9	DATA PROCESSOR	F9	1	1	0	
10	TYPIST	N11	2	0	2	
11	GENERAL ASSISTANT	N13	2	2	0	
12	DRIVER	R10	2	2	0	
13	ASSISTANT LIBRARIAN	S7	1	0	1	
14	ELECTRICIAN	R6	1	0	1	
			158	83	75	

CONSTRUCTION PROGRESS REPORT

PHASE I

Workshop and Technical Blocks
Administration Block
Library and Lecture Rooms

Building Cost = RM 38,811,610.17
Construction starting date = 17th August 1998
Construction completion date = 31st October 1999
1st extension of time = 12th March 2000
2nd extension of time = 8th May 2000
Construction of Phase I has completed and handed over on the 8th May 2000.

PHASE II

Hostel Blocks
Dining Hall
Multipurpose Hall
Staff Housing

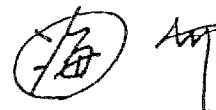
Building cost = RM 14,417,889.42
Construction starting date = 31st May 1999

Stage 1 : 1 block Hostel and 1 block Dining Hall

Construction completion date of stage 1 = 30th November 1999
1st extension of time = 21st January 2000
2nd extension of time = 31st March 2000
3rd extension of time = 27th September 2000
Expected completion date = 15th September 2000

Stage 2 : 2 blocks Hostel

Construction completion date of stage 2 = 30th June 2000
1st extension of time has been forwarded to PWD for approval
Expected completion date = 31st December 2000



Stage 3 : Multipurpose hall and Staff Housing

Construction completion date of stage 3 = 16th October 2000

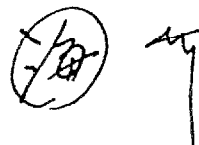
Expected completion date = February 2001

Overall Progress of the Construction of Phase II

Original Schedule = 91.36%

Actual Schedule = 72.44%

Progress = -18.92%



ANNEX 8

JAPAN MALAYSIA TECHNICAL INSTITUTE
TRAINEES STATISTICS

DATE : AUGUST 2000

INTAKE	PLANNED INTAKE	CANDIDATES	REGISTERED	ENROLLED	DETAILED			
					COURSE	MALE	FEMALE	TOTAL
July 98	100	895	58	46	COMPUTER	11	9	20
					ELECTRONICS	21	5	26
January 99	50	142	31	28	COMPUTER	6	5	11
					ELECTRONICS	10	7	17
July 99	100	569	63	60	COMPUTER	11	13	24
					ELECTRONICS	8	4	12
					MANUFACTURING	9	4	13
					MECHATRONICS	8	3	11
July 2000	150	664	144	144	COMPUTER	25	27	52
					ELECTRONICS	29	14	43
					MANUFACTURING	21	3	24
					MECHATRONICS	20	5	25
TOTAL								278

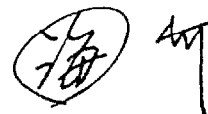
LIST OF ATTENDANCE
1 – 4TH September 2000
JMTI Penang

Japanese side :

1. Mr. Yoshiaki Umimae
2. Mr. Nobuhiro Uehara
3. Ms. Utako Owaku
4. Mr. Satoshi Umeki
5. Mr. Kunio Nishimura
6. Mr. Tomohiro Uchino
7. Mr. Hiroshi Kodama
8. Mr. Yoshihiro Yabuki
9. Mr. Hisashi Furui
10. Mr. Tohru Ikeda
11. Ms. Yoshie Satoh

Malaysian side :

1. Mr. Zaihan Shukri
2. Mr. Abdul Halim Abdul Rahman
3. Mr. Abdullah Hapipi Daimon
4. Mr. Zulkefli Ab. Manan
5. Ms. Junnaina Husin Chua
6. Mr. Azman Ibrahim
7. Ms. Zuraini Muda
8. Mr. Ismawi Ismail
9. Mr. Johari Mohamad Tahar
10. Mr. Jamil Yahya
11. Mr. Ahmad Nazri Zainol
12. Ms. Syamsiah Salleh
13. Mr. Zamberi Jamaludin
14. Ms. Zafiatul Azida Saaidin



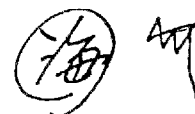
LIST OF ATTENDANCE
5TH September 2000
Manpower Department,
Kuala Lumpur

Japanese side :

1. Mr. Yoshiaki Umimae
2. Mr. Nobuhiro Uehara
3. Mr. Raimei Nakano
4. Ms. Hitomi Yoshida
5. Ms. Utako Owaku
6. Mr. Satoshi Umeki
7. Mr. Kunio Nishimura

Malaysian side :

1. Mr. Wan Seman Wan Ahmad - Manpower Department
2. Nidzam Kamarulzaman - Manpower Department
3. Ahmad Zaki Hj. Yahya - Manpower Department
4. Suhaimi Ahmad - Manpower Department
5. Zaihan Shukri - JMTI, Manpower Department

Handwritten signature and initials in black ink, consisting of a circled character and a stylized mark.

LIST OF ATTENDANCE

6TH September 2000

Economic Planning Unit,
Prime Minister's Department,
Putrajaya

Japanese side :

1. Mr. Yoshiaki Umimae
2. Mr. Yoshihide Teranishi
3. Mr. Nobuhiro Uehara
4. Ms. Hitomi Yoshida
5. Ms. Utako Owaku
6. Mr. Satoshi Umeki
7. Mr. Kunio Nishimura

Malaysian side :

- | | | |
|----|-------------------------|-----------------------------|
| 1. | Ms. Zainab Abdul Karim | - Economic Planning Unit |
| 2. | Mr. Othman Mustafa | - Economic Planning Unit |
| 3. | Mr. Alias Che Abdullah | - Economic Planning Unit |
| 4. | Mr. Yusran Shah | - Economic Planning Unit |
| 5. | Mr. Wan Seman Wan Ahmad | - Manpower Department |
| 6. | Mr. Zaihan Shukri | - JMTI, Manpower Department |
| 7. | Mr. Ismael Md. Diah | - Public Works Department |
| 8. | Mr. Amran Alias | - Public Service Department |

