

**IMPLEMENTATION REVIEW STUDY REPORT
ON
THE PROJECT FOR CONSTRUCTION
OF
THE MYANMAR-JAPAN CENTER
FOR
HUMAN RESOURCES DEVELOPMENT
IN
THE UNION OF MYANMAR**

MARCH, 2006

JAPAN INTERNATIONAL COOPERATION AGENCY

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PREFACE

In response to a request from the Government of the Union of Myanmar, the Government of Japan decided to conduct an implementation review study on the Project for Construction of the Myanmar-Japan Center for Human Resources Development and entrusted the study to the Japan International Cooperation Agency (JICA).

JICA sent to Myanmar an implementation review study team from 29 September, to 29 October 2005.

The team held discussions with the officials concerned of the Government of Myanmar, and conducted a field study at the study area. After the team returned to Japan, further studies were made. Then, a mission was sent to Myanmar in order to explain the result of the implementation review study conducted from 18 December to 25 December 2005, and as this result, the present report was finalized.

I hope that this report will contribute to the promotion of the project and to the enhancement of friendly relations between our two countries.

I wish to express my sincere appreciation to the officials concerned of the Government of the Union of Myanmar for their close cooperation extended to the teams.

March, 2006

Seiji Kojima
Vice President
Japan International Cooperation Agency

LETTER OF TRANSMITTAL

We are pleased to submit to you the implementation review study report on the Project for Construction of the Myanmar-Japan Center for Human Resources Development in the Union of Myanmar.

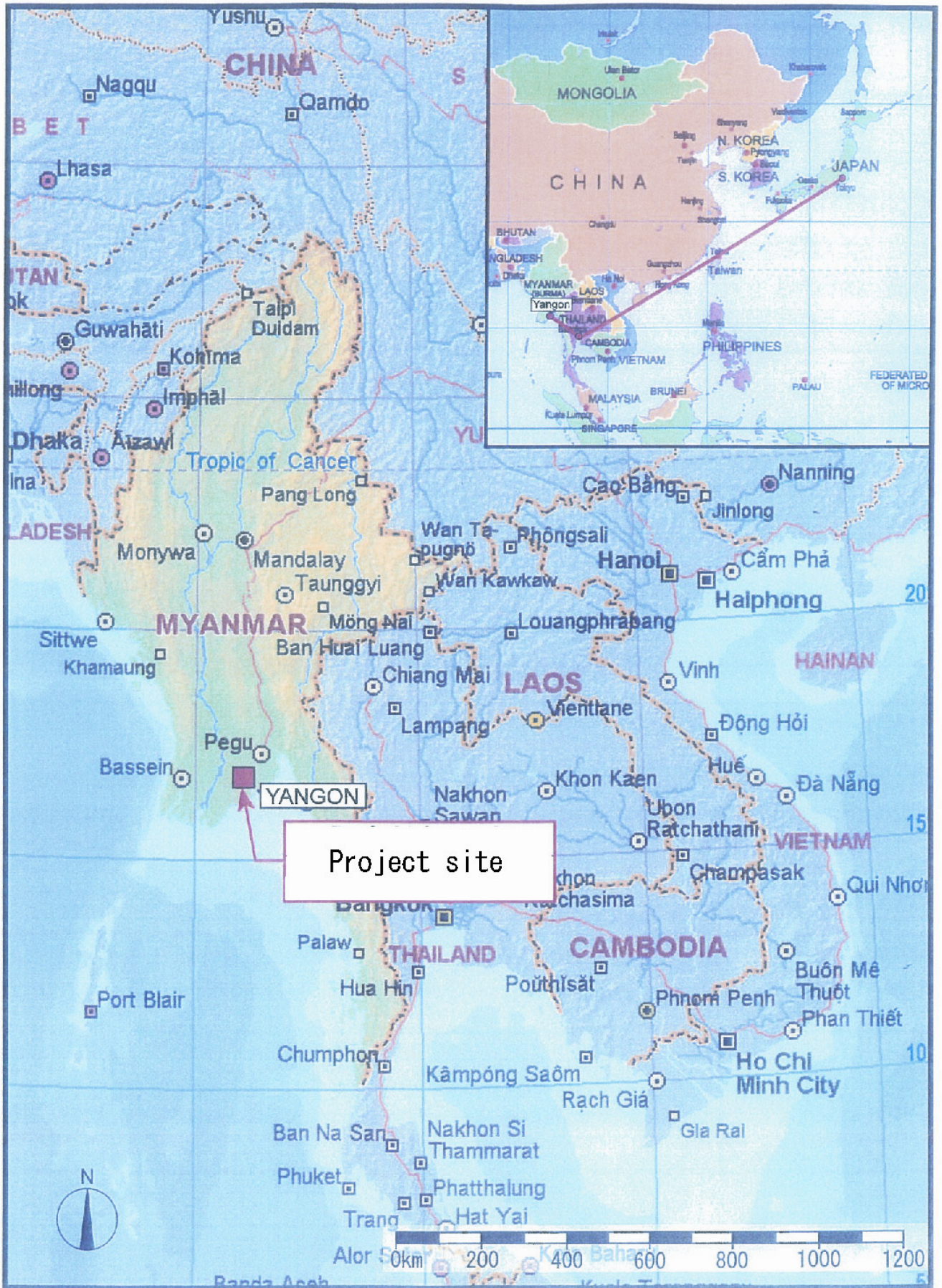
This study was conducted by Azusa Sekkei Co., Ltd. under a contract to JICA, during the period of 8 months from August, 2005 to March, 2006. In conducting the study, we have re-examined the feasibility and rationale of the project with due consideration to the present situation of Myanmar and formulated the most appropriate detail design for the project under Japan's grant aid scheme.

Finally, we hope that this report will contribute to further promotion of the project.

Very truly yours,

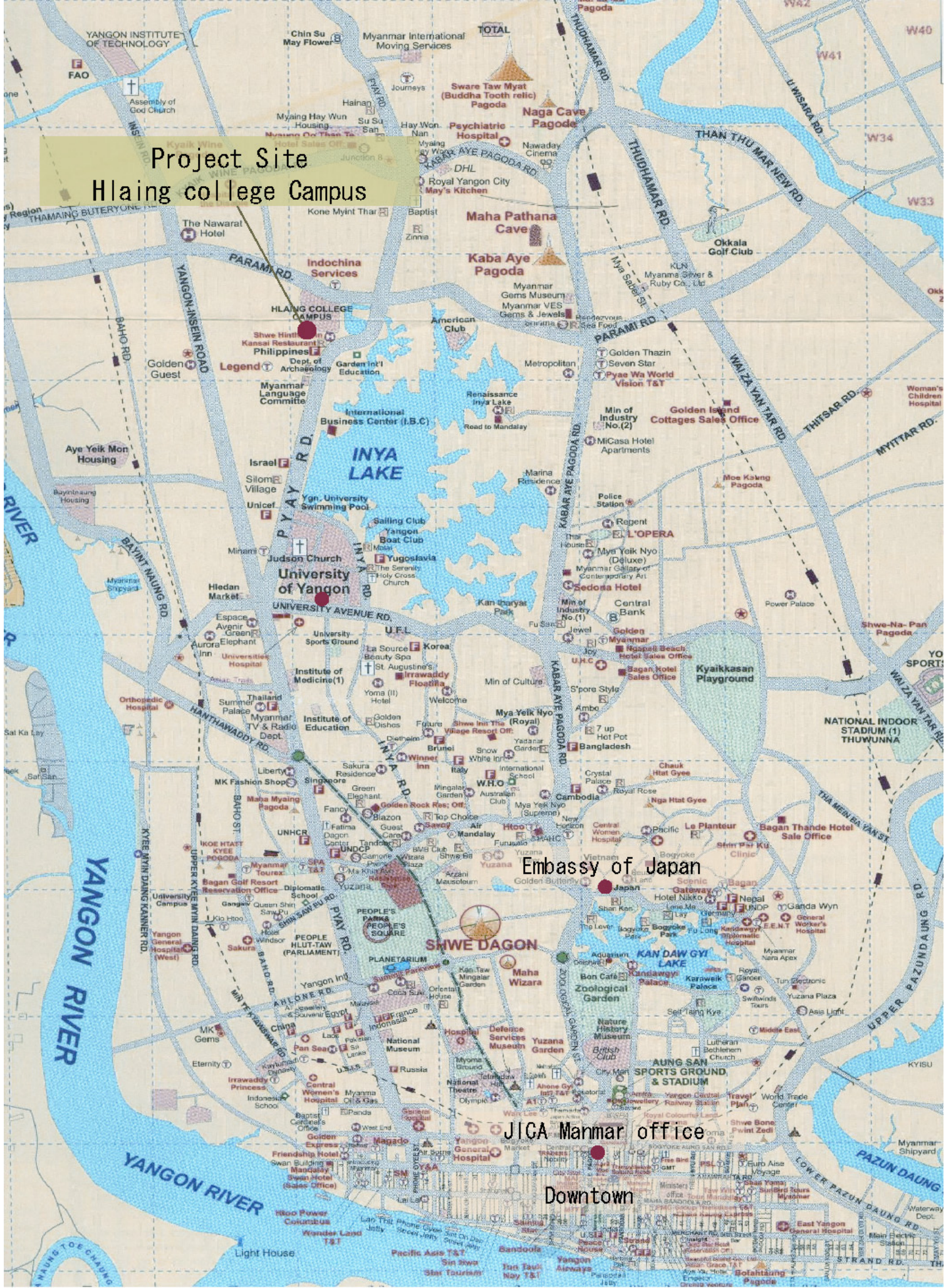
March, 2006

Masaichi Yamamoto
Chief Consultant
Implementation Review Study Team on
the Project for Construction of
the Myanmar-Japan Center for
Human Resources Development
Azusa Sekkei Co., Ltd.



MYANMAR

Project Site
Hlaing college Campus



SITE LOCATION



THE PROJECT FOR CONSTRUCTION OF THE MYANMAR-JAPAN CENTER
FOR HUMAN RESOURCES DEVELOPMENT IN THE UNION OF MYANMAR

AZUSA SEKKEI CO., LTD.

BIRD'S EYE VIEW



THE PROJECT FOR CONSTRUCTION OF THE MYANMAR-JAPAN CENTER
FOR HUMAN RESOURCES DEVELOPMENT IN THE UNION OF MYANMAR

AZUSA SEKKEI CO., LTD.

FRONT VIEW

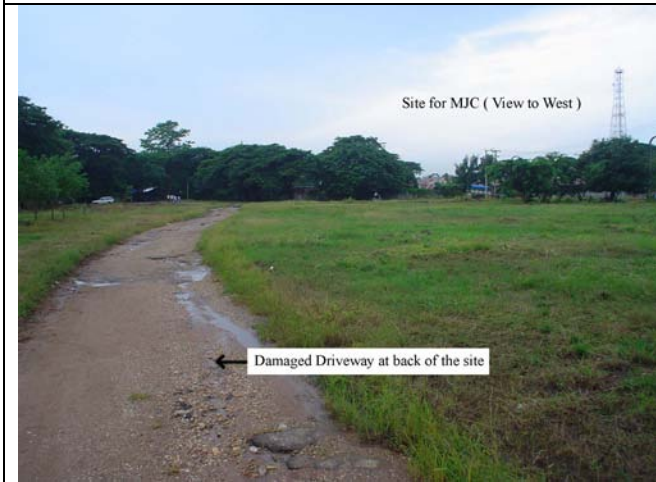
Construction Site for the Myanmar – Japan Center for Human Resources Development
 (Plot 1, Thamnie College Street, Hlaing Campus)



North East Side



North Side



West Side



North Front Road and Site



Electrical Pole in the Site



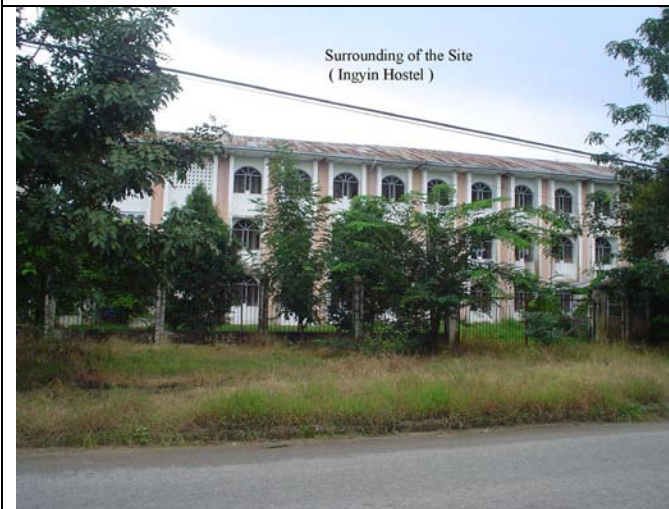
Existing Building at the South Side



Looking East from North Front Road



Looking West from North Front Road



Dormitory along the Front Road



West Corner of the Front Road



Looking East from West Side



Looking North from the West Road

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Abbreviations

CFDTC	Central Forestry Development Training Center
DG	Director General
DHE	Department of Higher Education
ED	Engineering Department
E/N	Exchange of Notes
GDP	Gross Domestic Product
IOE	Yangon Institute of Economics
ION	Institute of Nursing
JICA	Japan International Cooperation Agency
LJCC	Lao-Japan Human Resource Cooperation Center
M/D	Minutes of Discussions
MEP	Ministry of Electrical Power
MEPE	Myanmar Electrical Power Enterprise
MFR	Ministry of Finance and Revenue
MJC	Myanmar-Japan Center for Human Resources Development
MJCC	Mongolia-Japan Human Resource Cooperation Center
MOE	Ministry of Education
MPT	Myanmar Posts & Telecommunications
PW	Ministry of Construction Public Works
SC	Steering Committee
VJCC-HNC	Vietnam-Japan Human Resources Cooperation Center in Hanoi
VJCC-HCMC	Vietnam-Japan Human Resources Cooperation Center in Ho Chi Minh City
YCDC	Yangon City Development Committee
YU	Yangon University
YUFL	Yangon University of Foreign Languages

Summary of the Project

Summary of the Project

The Union of Myanmar (hereinafter referred to as "Myanmar") abandoned their socialistic economic policy, etc., when change in government took place in 1988 and instituted measures to adopt market economy and to open up its market to other countries. Thereafter, effects of reform gradually began to take shape five years from 1992 onwards and maintained an economic growth rate exceeding 6% per annum. However, from the aftermath of the 1997 Asian currency and economic crisis, Myanmar's economic growth rate decelerated due to a sharp drop in investment from ASEAN countries and depressed agricultural production brought about by floods, drought and other factors. In recent years, although annual GDP growth rate was maintained at an average of approximately 6% (1994-1999), shortage of foreign currency resulting from marked inflation, an unrealistic exchange rate, inflexible economic structure, etc., has become even more serious.

Now, to reshape Myanmar's economy and to realize sustainable development, reconstructing the various fields of its industry is considered to be the matter of top priority over all others. In particular, what Myanmar requires are to develop human resources, build up foreign trade and foster cooperation between business sectors. It is considered that creating human resources which contribute to activate economy will be the driving force to bring about development in this field.

On the other hand, Myanmar has maintained a good and close relationship with Japan and has been positioned as one of the important countries which Japan assists along with other Southeast Asian nations. Furthermore, at the Myanmar/Japan summit meeting in November, 1999, as then Prime Minister Obuchi expressed Japan's readiness to offer cooperation for Structural Adjustment of Myanmar's Economy. A joint task force consisting of governmental representatives of the two countries, industrial and academic circles was established and cooperation commenced.

Under such circumstances, a Project Formation Study was conducted in March, 2000 to discuss establishment of the Center for Human Resources Development. The main activities of the Center will be to hold "business courses", "Japanese language courses" and "culture exchange programs". Thereafter, in light of the results of the above study, the government of Myanmar requested Japan's Grant Aid for the facility and equipment required to establish the Myanmar - Japan Center for Human Resources Development (hereinafter referred to as "MJC"). Moreover, the government of Myanmar requested that Technical Cooperation Project be initiated relative to the "business courses", "Japanese language courses" and "culture exchange programs" to be implemented by the MJC. In response thereto, the 1st and

2nd Preliminary Study Team by Technical Cooperation Project were dispatched in May and September, 2002 respectively. The Preliminary Study Team was dispatched to the Vietnam - Japan Human Resources Cooperation Center in Hanoi and the Lao - Japan Human Resources Cooperation Center in November the same year and the 3rd Preliminary Study Team was dispatched in January, 2003.

After conducting the above mentioned studies and having a background of circumstances, this Project is to construct required facility and equipment adequate to implement "business courses", "Japanese language courses" and "culture exchange programs" at the MJC in close collaboration with Technical Cooperation Project activities. In the event competent and capable personnel who can cope with market economy through activities of the MJC are brought up in the days and years to come, not only will Myanmar's shift to market economy be facilitated but also anticipated that closer relationship between Myanmar and Japan will become more real.

In response to the said requests, the Japan International Cooperation Agency (hereinafter referred to as "JICA") dispatched a Basic Design Study Team to Myanmar between 27 January and 22 February, 2003 and through discussions, field survey, and technical examination of the results in Japan, JICA prepared a draft report of the study. In order to explain and to consult with officials concerned of the Government of Myanmar on the components of the draft report, JICA dispatched the Basic Design Explanation Team to Myanmar between May 15 and 31, 2003. In consequence, the government of Myanmar's basic agreement was obtained.

Later, the delayed implementation of the project finally became prospective as a project for fiscal 2005 only and the exchange of note was concluded on June 27, of the same year. This implementation review study re-verified the details of the basic design and made a research at a level enough to prepare bidding documents.

As in the policy of the basic design, for the detail design of this Project, the natural and social conditions of Myanmar, construction and material procurement conditions, implementing organization's maintenance and management capability as well as collaboration and coordination, etc., with the Technical Cooperation Project were taken into consideration and design policy determined. The outline of the final plan is as follows:

< Facility Plan >

	Room Name	Total Area (m ²)	Remarks	
1	Lobby/ Exchange	1.1 Lobby/Exhibition Hall	311.08	Including 2 nd Floor Exhibition Space
		1.2 Library	179.00	Including PC Room & Locker Room
		Sub-Total	490.08	
2	Seminar	2.1 Seminar Room	126.00	2 rooms
		2.2 Computer Room	63.00	
		2.3 Culture Exchange Room	66.00	Divided into 2 rooms with partition
		2.4 Culture Exchange Room (Japanese-style Room)	32.00	
		Sub-Total	287.00	
3	Administration	3.1 Director Room	72.00	2 rooms
		3.2 Reception Room	36.00	Can be used as a small meeting room
		3.3 Administration Room	63.00	
		3.4 Instructors Room	63.00	
		3.5 Meeting Room	66.00	Can be used as a seminar room
		3.6 Secretariat for Alumni Association	13.50	
		Sub-Total	313.50	
4	Others	4.1 Auditorium	189.00	
		Interpretation Room Projection Room	15.00	
		4.2 Electronic Room	54.00	
		4.3 Machinery Space	36.50	
		4.4 Storage	16.50	2 rooms
		4.5 Kitchenette	18.30	3 rooms
		4.6 Toilets	55.00	On first & second floor Including Toilets for the disabled
		4.7 Circulation	204.82	
		Sub-Total	589.12	
Total		1,679.70		

< Equipment Plan >

	Category	Content	Number of items
1	Entrance Hall	Large-sized display system 1 unit	13
2	Auditorium	AV system 1 unit	35
3	Furniture	Tables (Library, Auditorium, Seminar, Others), Chairs, Book shelves	700

In case this plan is to be implemented by Japan's Grant Aid, the term of work for the entire project is assumed to be about 10.5 months including time required for detailed design. The Cost Estimate required for this Project is expected to be approximately 445 million Japanese yen (some 409 million Japanese yen from Japan and Myanmar to shoulder some 36 million Japanese yen). This cost estimate is provisional and would be further examined by the Government of Japan for the approval of the Grant.

The Department of Higher Education, Lower Myanmar (hereinafter referred as to "DHE") will be the Project's implementing organization. According to a trial calculation performed by the Myanmar side, annual running cost (includes fees and charges for electricity, telephone, fuel, water supply and drainage services, etc.) of the MJC is estimated to be approximately 5.9 million Kyat, and personnel expenses are estimated at 2.3 million Kyat according to a trial calculation performed by those involved in the Technical Cooperation Project. DHE is of the intention to apply to the Ministry of Education (hereinafter referred as to "MOE") for a special budget corresponding to running cost, personnel expenses, etc., in addition to expenses it must shoulder to newly establish the Center and it is expected that budget required to implement the Project and to maintain and run the new facilities will be secured. The revenue and expenditure plan in connection with the management and operation budget of the MJC is envisaged to be covered by not only MOE's special budget but also from fees to be collected for the various courses. If the MOE's budget and fees collected for the courses can be secured on a steady basis, it is believed that management of the MJC would not encounter difficulties.

The main effects assumed by implementing this Project are as described hereinafter.

(1) Direct Effects

- 1) By preparing and arranging for seminar and computer rooms necessary to hold business courses and Japanese language courses, it will become possible to implement the required curriculum for Japanese language education and to bring up competent and capable personnel who will eventually engage in the making of market economy.
- 2) By preparing and arranging for a culture exchange room and Japanese-style room, it will become possible to carry out programs and activities which contribute to promote culture exchange between Myanmar and Japan.
- 3) By preparing and arranging for an auditorium, it will become possible to hold Japanese speech contests, show Japanese movies, hold various lecture meetings and all sorts of exhibitions, workshops, etc., based at the MJC which were hitherto held at the Japanese Embassy or other rental facilities.
- 4) By preparing and arranging for a library which can accommodate approximately 5,000 books related to Japan, economy, etc., as well as provide reading space, it will become possible to make public and to gather information at the MJC which will provide required information to visitors as well exchange information based thereat.

(2) Indirect Effects

- 1) By the planned facilities being established and maintained under the Project and their realizing required activities related to Japanese language education, market economy and culture exchange between Myanmar and Japan, the MJC is anticipated to play the main role in academic and culture exchange between the two nations.
- 2) By the planned facilities being established and maintained under the Project realizing required activities related to Japanese language education, market economy and culture exchange between Myanmar and Japan, intensification of human resources engaged in various sectors of Myanmar's society such as more people learning about Japan and their language, more capable Japanese language teachers becoming available, development of competent and capable persons who contribute towards bringing about market economy, etc., can be expected.
- 3) Again, by the planned facilities being established and maintained under the Project realizing required activities related to Japanese language education, market economy and culture exchange between Myanmar and Japan, all sorts of interchanges at various levels such as state level, academic exchange, private sector exchange, etc., will materialize facilitating mutual understanding.
- 4) Through the planned facilities being established and maintained under the Project and by the MJC strengthening cooperation with other Japan Centers in Asian nations and through various activities, such as information exchange between Japan and other nations all over Asia, should certainly promote mutual understanding between each other as well as intensify human resources of each nation concerned.

In conclusion, recommendations relative to executing this Project are described below.

(1) Establishment of Management Organizations in the MJC by the Myanmar Side

Although management and operation of the presently planned MJC will take the form of joint management between Japan's Technical Cooperation Project and Myanmar, it is actually expected to be largely dependent on those involved in the Technical Cooperation Project. The Myanmar side is now in the course of selecting staff to operate and manage the Center and it is considered that establishing a Myanmar management system will in the real sense lead to educational, economic and culture exchange between both nations and substantial joint activity by staff of both nations. Therefore, establishing a Myanmar management system both in respect to human

resources and financial aspects through the Technical Cooperation Project will be required.

(2) Establishment of MJC Functions

The MJC will aim at establishing the function as the central organ within Myanmar for exchange between Myanmar and Japan. In regard to the future with the Center at the core, there is ample room to scrutinize plans, to expand activities through cooperation and exchange with other universities and research institutes such as implementing scientific activity cooperation with universities under the supervision of the Department of Higher Education and expansion of educational functions in collaboration with universities inside and outside of Myanmar. Therefore, whilst constantly paying close attention to Myanmar's national educational plans and to the direction in which market economy is heading, by scrutinizing the role of the Center amidst such circumstances, it is felt that expanding the functions of the Center and making it function more effectively will indeed be possible.

Summary of the Implementation Review Study

Summary of Implementation Review Study

1 Circumstances leading up to the Implementation Review study

In response to the results of the Project Formation Study in 2000 and the Preliminary Studies in May and September 2002 and in January 2003, a Basic Design Study was implemented from January 27 to February 22, 2003. Subsequently, the Basic Design Explanation Team was dispatched from May 15 to 31 of the same year and consequently, agreement was obtained from the government of Myanmar concerning the details of the basic design.

Later, this project was expected to be promoted with exchanges of note (E/N) immediately concluded after the above agreement. However, this project was subsequently suspended for approximately two years for political reasons.

On June 27, 2005 the project was re-launched again with the E/N concluded between the two countries. However, an implementation review study was implemented before starting the project due to likely difficulties with the project implementation, given that the basic design, developed two years previously, was unchanged.

2 Period of the implementation review study

In implementing this implementation review study, a study consultant was selected through a proposal competition in July 2005, upon conclusion of the E/N on June 27, 2005. Later, although the study team was expected to be dispatched in early August, the implementation review study was implemented from September 29, approximately 1.5 months behind schedule, due to a delay in Myanmar's preparation for acceptance of the study team. The Implementation Review Study Draft Explanation Team was dispatched from December 18 to 25 as scheduled to implement the later processes on time.

3 Purpose of the implementation review study

(1) Overseas work

One of the causes for the delay of the Myanmar side in accepting the study team was the change in the site that was determined immediately before the dispatch.

Although the site had been designated within the precinct of the Yangon University, located in Yangon City, at the time of the basic design, the designation was completely revoked without formal explanation by Myanmar. Later, several candidate sites were studied and a new site was decided within the precinct of the Hlaing College, located approximately 2 km northward of the Yangon University and immediately before the departure of the study team.

It was decided that, in addition to the review of the implementing organization and the requirements of the Myanmar side, study on the infrastructure of the new construction site, site survey, geological research, and so on were added to the overseas work for the implementation review study.

(2) Domestic work

In light of the result of the implementation review study, a detailed design drawing and a cost estimate of the

project were prepared at a level sufficient to prepare bidding documents, review the details of the basic design and the self verification of the detailed design.

The result of the implementation review study itself was collated at the end of March 2006.

4 Implementation Review Study Result Summary

As a result of the study, the following matters were confirmed:

(1) Organization responsible for the Project on the Myanmar side

It was confirmed that there was no change on the implementing organization on the Myanmar side in particular.

(2) Requirements from the Myanmar side

It was confirmed that there was no change in the requirements from the Myanmar side in particular.

(3) Appropriateness of the new site

With regard to the shape of the new site, it was confirmed that the size and shape of the building in terms of its basic design would be applicable as-is. In addition, it was confirmed that there were almost no problems in terms of the infrastructure such as electricity, communications, water supply, and sewage. In terms of the geological condition and the soil bearing capacity, which was the largest concern during construction, a spread foundation method without piling was confirmed to be feasible, similarly, as in the condition of the previous site, following the drilling survey on site. Consequently, the comprehensive judgment was that there was no problem in the construction of this center at the new site.

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Chapter 1 BACKGROUND OF THE PROJECT

CHAPTER 1 BACKGROUND OF THE PROJECT

1-1 Background and Outline of Grant Aid Request

(1) Background of the Request

From 1988, the government of the Union of Myanmar (hereinafter referred to as "Myanmar") has instituted measures to adopt market economy and to open up its market to other countries. However, from the aftermath of the 1997 Asian currency and economic crisis, Myanmar's economic growth decelerated due to sharp drop in investment from ASEAN countries and depressed agricultural production brought about by floods, drought and other factors. Thereinafter, the government of Myanmar emphasizes the economic diversity. In order to accomplish activation of the market and sustain economic growth, Myanmar needs to develop human resources, build up foreign trade and foster to cooperation between business sectors. The government of Myanmar has placed special emphasis on to education and training development in order to improve the general educational level of the populace and also to prepare human resources for economic development of Myanmar. However, the institutions of higher education have insufficient number of teachers, budget and curriculum in their human resource funding required to educate people to become scholars, executive officers, businessman, etc., who will bear the future of Myanmar.

On the other hand, Myanmar has maintained a good and close relationship with Japan and has been positioned as one of the important countries which Japan assists along with other Southeast Asian nations. Furthermore, at the Myanmar/Japan summit meeting in November, 1999, as then Prime Minister Obuchi expressed Japan's readiness to offer cooperation for Structural Adjustment of Myanmar's Economy. A joint task force consisting of governmental representative of the two countries, industrial and academic circles was established and cooperation commenced.

Under such circumstances, a Project Formation Study was conducted in March, 2000 to discuss establishment of the Center for Human Resources Development. The main activities of the Center will be to hold business courses, Japanese language courses and culture exchange programs. Thereafter, in light of the results of the above study, the government of Myanmar requested Japan's Grant Aid for the facility and equipment

required to establish the Myanmar - Japan Center for Human Resources Development (hereinafter referred to as "MJC"). Moreover, the government of Myanmar requested that Technical Cooperation Project be initiated relative to the business courses, Japanese language courses and culture exchange programs to be implemented by the MJC. In response thereto, the 1st and 2nd Preliminary Study Team by Technical Cooperation Project were dispatched in May and September, 2002 respectively. The Preliminary Study Team was dispatched to the Vietnam - Japan Human Resources Cooperation Center in Hanoi and the Lao - Japan Human Resources Cooperation Center in November the same year and the 3rd Preliminary Study Team was dispatched in January, 2003.

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(2) Outline of the Request and Main Components

The outline and main components of the request from the government of Myanmar about this Project are shown below.

[Outline of the Project]

- 1) Overall Goal: To promote and develop the market economy in Myanmar and mutual understanding between Myanmar and Japan.
- 2) Project Purpose: To construct the facility of the MJC and develop human resources for the market economy in Myanmar.
- 3) Expected Outputs: To construct facility and install proper equipment necessary for MJC
- 4) Activities and Inputs:
 - A. Contents of request to the Japanese side:
 - Facilities construction: the Center for Human Resources Development
 - Equipment supply: Equipment for educational training, administration and library, and furniture etc.
 - B. Execution plan by the Myanmar side:
 - Conducting the courses using the planned facility and equipment, deploying necessary teachers, and developing operation and maintenance system.
- 5) Target area (site): Yangon University, Yangon, Myanmar. (Nationwide in long term.)
- 6) Direct/Indirect Beneficiaries:
 - A. Direct beneficiary: Students in and around Yangon, officials and enterprises.
 - B. Indirect beneficiary: All the citizens in both countries and enterprises to which MJC brings positive effects.