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- Volume 4 (January 6, 1992 - April 29, 1992)

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THE WORLD BANK
Washington, D.C.

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Washington DC 20433
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 Higher Education Development Project (02) - Indonesia - Loan 3311 - P003939 -
 Correspondence - Volume 4

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 04
 INDONESIA - Higher Education
 Development (02)
 3
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CLOSE-OUT SHEET

This File Covers The Period From JANUARY - '92 To APRIL - '92
For Further Correspondence, See VOL. # 5

April 29, 1992

Dr. O. Simbolon
Project Director
Higher Education Development Projects
Ministry of Education and Culture
Gedung C, lantai 18
Jl. Jend. Sudirman, Senayan
Jakarta, Indonesia

Ln. 2944-IND
Ln. 3311-IND

Dear Dr. Simbolon:

Re: First and Second Higher Education Development Projects
(Loans 2944 and 3311-IND)

1. We would like to refer to our letter to you dated April 6, 1992, and to discussions held by you with our recent mission concerning the Environmental Study Centers being funded under the Second Project. We understand that teaching staff at the ESCs receive full credit toward promotion for their ESC activities but so far have to be promoted through their original faculties. The mission has recommended that this procedure be accepted as satisfaction of the requirement in Schedule 5, para. 1.(e)(iii) to the Loan Agreement, that the work undertaken by ESC staff be recognized for promotion purposes. The Bank is willing to accept this recommendation. Before giving our final no objection, however, we would like to receive a letter from each of the rectors of the twelve universities and institutes where ESCs are located, stating that:

- (a) the ESC is an integral part of the university or institute;
- (b) qualified and experienced full-time staff have been appointed to core positions at the ESC; and
- (c) the work undertaken by this staff is recognized for promotion purposes.

These letters would constitute the "action plans" called for in the Loan Agreement which were due at the Bank by December 31, 1991. Please make arrangements with the rectors as soon as possible for the writing of these letters.

2. We are still awaiting a request from you for reallocation of Schedule 1 to the Loan Agreement for Loan 2944-IND based on your estimate of disbursements remaining under the Project. (See para. 5 of our April 6 letter.)

3. In addition, we are awaiting receipt of the various draft documents and recommendations for award for our comments and no objection as outlined in our April 6 letter, especially the recommendations for award of the S2/S3 equipment under Loan 2944-IND before contracts are signed, and for Loan 3311-IND:

April 29, 1992

- (a) the draft contracts and contract documents for book and journal procurement before contracts are signed;
- (b) the draft request for proposals for the library automation system before it is forwarded to the vendors;
- (c) recommendations for award of contracts for completion of the five studies, before contracts are signed; and
- (d) information on your proposed purchase of audio-visual aids as mentioned in para. 8 of our letter.

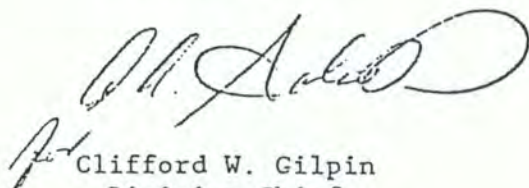
We also now look forward to receipt of the progress reports for both projects for the period November 1, 1991, through April 30, 1992.

4. We would also like to acknowledge receipt of your letter number 2012/0392/CPIU/FEL dated March 31, 1992 (received here April 22), proposing the signing of a contract under Loan 3311-IND for the overseas training of 38 staff under the Academic Staff Development component of the Project. We have reviewed your proposal and have no objection to your signing the contract with the International Development Program of Australian Universities and Colleges (IDP) for management of a training program in Australia leading to 30 masters and 8 doctoral degrees in the amount of AUD2,329,723. We confirm that Bank financing of this contract is at 100% under Category 3 of Schedule 1 to the Loan Agreement. Please note that payment of the Bank's share for this training should be claimed under Special Account procedures and that replenishment for expenditures related to the training would be made on the basis of Statements of Expenditure (SOEs).

5. Finally, we would like to ask you to mention to Pak Bambang that while he is visiting Washington in May this year to negotiate the Primary School Teacher Development Project, Ms. Montague and Ms. Duces would like to meet with him to discuss progress in implementation of both Higher Education Development Projects, particularly the Second.

With kind regards,

Sincerely yours,



Per Clifford W. Gilpin
Division Chief
Population and Human Resources Division
Country Department III
East Asia and Pacific Regional Office

The World Bank

INTERNATIONAL BANK FOR RECONSTRUCTION AND DEVELOPMENT
INTERNATIONAL DEVELOPMENT ASSOCIATION

1818 H Street, N.W.
Washington, D.C. 20433
U.S.A.

(202) 477-1234
Cable Address: INTBAFRAD
Cable Address: INDEVAS

April 29, 1992

Dr. O. Simbolon
Project Director, Loan 3311-IND
Higher Education Development Project
Department of Education and Culture
Gedung C, lantai 18
Jl. Jend. Sudirman, Senayan
Jakarta Selatan

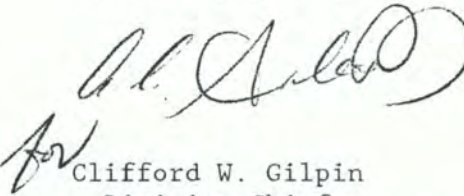
Dear Dr. Simbolon:

Re: Second Higher Education Development Project (Loan 3311-IND)

Further to our letter of January 13, 1992 on the proposing contracts with SFERE, France and British Council, Jakarta, for the overseas training of 36 staff under the Academic Staff Development component of the Project, we would like to clarify that the Masters degrees program with British Council for 6 staff should cost for the amount of GBP 191,772 instead of GBP 191,722.

Please be advised and best regards,

Sincerely yours,



Clifford W. Gilpin
Division Chief,
Population & Human Resources Division
Country Department III
East Asia and Pacific Regional Office

bcc: M/M. Duces, Kim, You, Sabeti/Deen/Rooskandar, Asia Files

File: Loan 3311-IND
WRooskandar/sw

January 1, 1980

Dr. O. Simbolon
Project Director
Higher Education Development Projects
Ministry of Education and Culture
Jakarta, Indonesia

4-2792

Dear Dr. Simbolon:

Re: First and Second Higher Education Development Projects
(Loans 2944 and 3311-IND)

1. We would like to refer to our letter to you dated April 6, 1992, and to discussions held by you with our recent mission concerning the Environmental Study Centers being funded under the Second Project. We understand that teaching staff at the ESCs receive full credit toward promotion for their ESC activities but so far have to be promoted through their original faculties. The mission has recommended that this procedure be accepted as satisfaction of the requirement in Schedule 5, para. 1.(e)(iii) to the Loan Agreement, that the work undertaken by ESC staff be recognized for promotion purposes. The Bank is willing to accept this recommendation. Before giving our final no objection, however, we would like to receive a letter from each of the rectors of the twelve universities and institutes where ESCs are located, stating that:

- (a) the ESC is an integral part of the university or institute;
- (b) qualified and experienced full-time staff have been appointed to core positions at the ESC; and
- (c) the work undertaken by this staff is recognized for promotion purposes.

These letters would constitute the "action plans" called for in the Loan Agreement which were due at the Bank by December 31, 1991. Please make arrangements with the rectors as soon as possible for the writing of these letters.

2. We are still awaiting a request from you for reallocation of Schedule 1 to the Loan Agreement for Loan 2944-IND based on your estimate of disbursements remaining under the Project. (See para. 5 of our April 6 letter.)

3. In addition, we are awaiting receipt of the various draft documents and recommendations for award for our comments and no objection as outlined in our April 6 letter, especially the recommendations for award of the S2/S3 equipment under Loan 2944-IND before contracts are signed, and for Loan 3311-IND:

- (a) the draft contracts and contract documents for book and journal procurement before contracts are signed;
- (b) the draft request for proposals for the library automation system before it is forwarded to the vendors;
- (c) recommendations for award of contracts for completion of the five studies, before contracts are signed; and
- (d) information on your proposed purchase of audio-visual aids as mentioned in para. 8 of our letter.

We also now look forward to receipt of the progress reports for both projects for the period November 1, 1991, through April 30, 1992.

4. We would also like to acknowledge receipt of your letter number 2012/0392/CPIU/FEL dated March 31, 1992 (received here April 22), proposing the signing of a contract under Loan 3311-IND for the overseas training of 38 staff under the Academic Staff Development component of the Project. We have reviewed your proposal and have no objection to your signing the contract with the International Development Program of Australian Universities and Colleges (IDP) for management of a training program in Australia leading to 30 masters and 8 doctoral degrees in the amount of AUD2,329,723. We confirm that Bank financing of this contract is at 100% under Category 3 of Schedule 1 to the Loan Agreement. Please note that payment of the Bank's share for this training should be claimed under Special Account procedures and that replenishment for expenditures related to the training would be made on the basis of Statements of Expenditure (SOEs).

5. Finally, we would like to ask you to mention to Pak Bambang that while he is visiting Washington in May this year to negotiate the Primary School Teacher Development Project, Ms. Montague and Ms. Duces would like to meet with him to discuss progress in implementation of both Higher Education Development Projects, particularly the Second.

With kind regards,

Sincerely yours,

Clifford W. Gilpin
Division Chief
Population and Human Resources Division
Country Department III

Dr. O. Simbolon

- 3 -

January 1, 1980

Cleared with and cc: M/M Duces, Nordlander

cc: M/M You, Kim, Fisher (RSI), Asia Information Center

RMontague:mb

FORM 384C - Consultant Data Input Form

Project ID: 4INSPA240 Name: HIGHER EDUCATION II Dept/Div: 25850
 Task Manager Name: MONTAGUE
 Extension:

FUNDING

Loan/Credit Number: L33110

CONSULTANT DATA

MIS Tender Number : 5
 MIS Contract Number : 5
 Brief Title of Services: FELLOWSHIP ADMINISTRATION
 Type of Action : 0 ('O'original, 'R'evised, 'C'ancel, 'A'ddendum)
 Implementing agency : MINISTRY OF EDUCATION AND CULTURE
 Borrower Tender No :
 Borrower Contract No :
 Type Of Assignment : CTR If 'COC' Specify:
 Type Of Selection : SS SL-Short List, SS-Sole Source
 Short List, Prepared By:
 Date Short List/Sole Source Decision Approved:
 Disbursement category : 3
 Type Of Contract : TB If 'OT' Specify :
 (TB-Time Based, LS-Lump-Sum, OT-Other)
 Price Considered (y,n): Budget Indicated In LOI (y,n):
 Consultant Budget : 0

Date Of Proposal Submission : 03/31/92 Contract Received :
 Approval Date of Selected Firm : 04/27/92
 Contract Signature :
 Cofinancing Agency (If Any) : % Cofinanced:
 1. :
 2. :
 3. :

Optional:
 Price Escalation Clause ? N (y,n) Contract Under Arbitration ? N (y,n)
 Comments:

FIRMS CONSIDERED

No.	Consulting Firms Considered	Ctry Code	Rank	Enter 'Y' If Selected
1	INTERNATIONAL DEVELOPMENT PROGRAM	1AUL	1	Y
2				
3				
4				
5				
6				
7				
8				
9				

Note: For joint ventures: Enter data for all partners; If significant subcontracting, enter data for same.

CURRENCY DATA

Contract Signature (MMDDYY):

No.	Payment Currency Country Code	Amount In Payment Currency	% Eligible For Disbursement
1	1AUL	2,329,723	100
2			
3			
4			
5			
6			
7			
8			
9			

April 13, 1992

Dr. O. Simbolon
Project Director
Higher Education Development Projects
Ministry of Education and Culture, Gedung C, lantai 18
Jl. Jend. Sudirman, Senayan
Jakarta, Indonesia

Dear Dr. Simbolon:

Re: Second Higher Education Development Project (Loan 3311-IND)

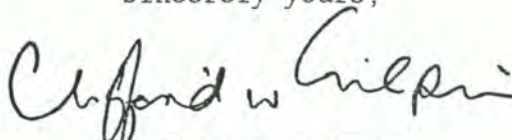
1. We would like to acknowledge receipt of your letters nos. 1960 and 1965/0392/CPIU/FEL dated March 19, 1992, proposing the signing of two contracts for the overseas training of 36 staff under the Academic Staff Development component of the Project.
2. We have reviewed your proposal and have no objection to the following training programs:

<u>Contractor</u>	<u>Program</u>	<u>Number</u>	<u>Cost</u>
SFERE, France	Advanced diploma in education (masters degree)	11	FFR 3,577,530
British Council	Masters degrees	6	GBP 191,722
	Doctors degrees	19	GBP 955,548
			Total GBP 1,147,320

We would now appreciate receiving more information about these fellows, such as their names, home and overseas institutions, fields of study overseas, etc. In addition, we would appreciate your including with the forthcoming progress report for this Project, a complete listing of fellowships already awarded and to be awarded in the near future.

With kind regards,

Sincerely yours,



Clifford W. Gilpin
Division Chief
Population & Human Resources Division
Country Department III
East Asia and Pacific Regional Office

bcc: Messrs./Mmes. Duces, Kim, You, Sabeti/Deen/Rooskandar (RSI), Asia
Information Center

RMontague:mb

FORM 384C - Consultant Data Input Form

Project ID: 4INSPA240 Name: HIGHER EDUCATION II Dept/Div: 25850
 Task Manager Name: MONTAGUE
 Extension:

FUNDING

Loan/Credit Number: L33110

CONSULTANT DATA

MIS Tender Number : 1
 MIS Contract Number : 1
 Brief Title of Services: MASTERS DEGREE TRAINING
 Type of Action : R ('O'riginal, 'R'evised, 'C'ancel, 'A'ddendum)
 Implementing agency : MINISTRY OF EDUCATION AND CULTURE
 Borrower Tender No :
 Borrower Contract No : NF.026/0592/CPIU/SP
 Type Of Assignment : CTR If 'COC' Specify:
 Type Of Selection : SS SL-Short List, SS-Sole Source
 Short List, Prepared By:
 Date Short List/Sole Source Decision Approved:
 Disbursement category : 3
 Type Of Contract : OT If 'OT' Specify : FELLOWSHIPS
 (TB-Time Based, LS-Lump-Sum, OT-Other)
 Price Considered (y,n): Y Budget Indicated In LOI (y,n): N
 Consultant Budget : 0

	(MMDDYY)		(MMDDYY)
Date Of Proposal Submission	: 03/19/92	Contract Received	: 05/27/92
Approval Date of Selected Firm	: 04/07/92		
Contract Signature	: 05/20/92		
Cofinancing Agency (If Any)		% Cofinanced:	
1.		%	
2.		%	
3.		%	

Optional:
 Price Escalation Clause ? N (y,n) Contract Under Arbitration ? N (y,n)
 Comments:

FIRMS CONSIDERED

No.	Consulting Firms Considered	Ctry Code	Rank	Enter 'Y' If Selected
1	SFERE	1FRA	1	Y
2				
3				
4				
5				
6				
7				
8				
9				

Note: For joint ventures: Enter data for all partners; If significant subcontracting, enter data for same.

CURRENCY DATA

Contract Signature (MMDDYY): 05/20/92

No.	Payment Currency Country Code	Amount In Payment Currency	% Eligible For Disbursement
1	1FRA	3,577,530	100
2			
3			
4			
5			
6			
7			
8			
9			

FORM 384C - Consultant Data Input Form

Project ID: 4INSPA240 Name: HIGHER EDUCATION II Dept/Div: 25850
 Task Manager Name: MONTAGUE
 Extension:

FUNDING

Loan/Credit Number: L33110

CONSULTANT DATA

MIS Tender Number : 2
 MIS Contract Number : 2
 Brief Title of Services: MASTERS AND DOCTORS DEGREE TRAINING
 Type of Action : R ('O'original, 'R'evised, 'C'ancel, 'A'ddendum)
 Implementing agency : MINISTRY OF EDUCATION AND CULTURE
 Borrower Tender No :
 Borrower Contract No : NF.029-I/0592/CPIU/SP
 Type Of Assignment : CTR If 'COC' Specify:
 Type Of Selection : SS SL-Short List, SS-Sole Source
 Short List, Prepared By:
 Date Short List/Sole Source Decision Approved:
 Disbursement category : 3
 Type Of Contract : OT If 'OT' Specify : FELLOWSHIPS
 (TB-Time Based, LS-Lump-Sum, OT-Other)
 Price Considered (y,n): Y Budget Indicated In LOI (y,n): N
 Consultant Budget : 0

	(MMDDYY)		(MMDDYY)
Date Of Proposal Submission	: 03/19/92	Contract Received	: 05/27/92
Approval Date of Selected Firm	: 04/07/92		
Contract Signature	: 05/18/92		
Cofinancing Agency (If Any)		% Cofinanced:	
1.		%	
2.		%	
3.		%	

Optional:
 Price Escalation Clause ? N (y,n) Contract Under Arbitration ? N (y,n)
 Comments:

FIRMS CONSIDERED

No.	Consulting Firms Considered	Ctry Code	Rank	Enter 'Y' If Selected
1	BRITISH COUNCIL	1UKG	1	Y
2				
3				
4				
5				
6				
7				
8				
9				

Note: For joint ventures: Enter data for all partners; If significant subcontracting, enter data for same.

CURRENCY DATA

Contract Signature (MMDDYY): 05/18/92

No.	Payment Currency Country Code	Amount In Payment Currency	% Eligible For Disbursement
1	1UKG	1,147,320	100
2			
3			
4			
5			
6			
7			
8			
9			

Ln. 3311-IND

April 2, 10/92

OFFICE MEMORANDUM

Asia File

DATE: April 10, 1992

TO: Clifford W. Gilpin, Chief, EA3PH

FROM: R. Monyague and B. Duces, EA3PH

EXTENSION: 82538

SUBJECT: INDONESIA - Second Higher Education Development Project (Loan 3311-IND)
Supervision Report

1. In accordance with terms of reference dated January 31, 1992, we visited Indonesia from February 24 to March 4, 1992, to undertake a limited review of progress in implementation of this Project and in the first Higher and Second University Development Projects and in the Second Secondary Education and Management Project. Mr. W. Rooskandar of the Bank's Resident Mission in Indonesia staff assisted with the review. The supervision summary, aide-memoire and letter to the Government are attached.

2. Implementation of this Project is, unfortunately, not yet up to speed. Although Loan funds were finally released by the Ministry of Finance in October last year (several months after Effectiveness), Government counterpart funds were not received (and then only partially) until mid-February this year, almost at the end of the GOI fiscal year. In addition, the OECF has not yet released its funds for the Environmental Study Centers nor, again, has the Government provided any counterpart funds. This has meant, of course, that many of the fiscal year's planned activities have not taken place at all or are late in starting, causing a serious delay in a project with only a three-year implementation period. However, some local training has been funded by universities to be reimbursed later and those project expenditures being funded at 100% from the Loan including overseas fellowships, research grants, etc., are by now also underway. The establishment of both the library automation and the management information systems also remain behind schedule, however.

3. The following documents received during the mission will be forwarded to the Asia Information Center where they will be entered into the Project Implementation Index File and available upon request:

<u>Title of Document</u>	<u>Date of Issue</u>	<u>Project Implementation Index File Number</u>
✓ Report on Library Development <i>att</i>	2/92	II
✓ Copy of letter sent to four book jobbers from the CPIU asking for technical proposals <i>att</i>	10/19/91	II
✓ Request for Technical Proposal on Books Procurement sent to four book jobbers and Scientific <i>att</i>	undated	II

- ✓ Copy of letter sent to twelve book publishers from the CPIU re book orders to be forthcoming *att* 9/19/91 II
- ✓ Request for technical proposals for journals sent to 6 suppliers *att* 11/10/91 II
- ✓ Draft Request for Proposal for an Automated National Library System in Indonesia *att* undated II
Doc# F62.801
- ✓ Schedule of Operation and Management of Policy Studies/Research of Local Competitive Bidding *att* 2/92 II
- ✓ Environmental Study Center Research Proposals and Awards *att* FY91/92 II
- ✓ (Revised) Master Budget, IBRD Loan 3311-IND (investment costs only) *att* 2/92 II
- ✓ Detailed Project Budget for FYs 91/92 and 92/93 *F/R* 2/20/92 II

Distribution I: (Implementation summary only)

Messrs./Mmes. Kaji, El-Maaroufi, Ritchie, A. Hamilton, Verspoor, Bhattacharya/Swannack-Nunn, Kopp, Kim

Distribution II: (Full report)

Messrs./Mmes. Haug, Zincir, Socknat, Hassan, Duces, You, Masuda, Sabeti/Rooskandar, Asia Information Center, BB, RMontague chron, Div. chron.

RMontague:mb
b:\3311memo

Detailed instructions on completion of
This Form are in Annex D of OD13.05.

*** Working Version ***

() the initial summary
This Summary is (X) part of a mission report
() an update

Regional Office: VP - EAST ASIA & PACIFIC	Project Name: HIGHER EDUCATION II Project Code:4INSPA240	Loan/Credit Numbers: L33110	L/C Amt (\$XX.XM/SDR) Original:150.0 Revised:	Type of Lending Instrument: SIL
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Country: INDONESIA	Borrower: GOI	Board Date: 03/26/91	Signing Date: 05/03/91	Effective Date: 06/21/91
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Managing Dept/Div Name: POP & HUMAN RESOURCES OPR DIV	Dept/Div Code: 25850	Task Manager: MONTAGUE	Mission End Date: 03/09/92 Next Mission (mo/yr): 07/92	Last 590: 01/10/92 This 590: 04/09/92
--	-------------------------	---------------------------	---	--

SECTION 1: Summary of Project Development Objectives:

To assist the GOI in implementing the Higher Education Program Guidelines, specifically: (a) improving quality and efficiency; (b) alleviating human resource shortages; (c) improving planning and management; (d) increasing mobilization of resources; and (e) strengthening regional development.

SECTION 2: Summary of Project Components:

Staff development, research support, library development, basic science and science teacher training, private higher education development, polytechnics, environmental study centers, accelerated engineering education, management training and management information system.

SECTION 3: Project Data and Performance Ratings:

Basic Data	Closing Date	Project Cost (\$XX.XM)	Disbursement (mo/yr) 02/92	
			(\$XX.XM)	(% of L/C)
Original (from SAR/PR):	12/31/94	\$282.4	Original SAR/PR Forecast: \$18.3	12.2%
As Formally Revised:			Formally Revised Forecast:	
Expected-Last Form 590:	12/31/94	\$282.4	Actual Disbursement:	\$15.5 10.3%
Expected-This Form 590:	12/31/94	\$282.4	Disb. Forecast for CFY:	\$23.0 15.3%
			Actual for CFY:	\$.5 .3%

Number of formal closing date extensions: 0

Date of last closing date extension (mo/yr):

Reporting: End of period covered by last project progress report (mo/yr):

Indices	This Form 590	Last Form 590	Audits and Accounts	Number
Closing Delay	.0%	.0%	Overdue Fin. Stmtns/Project Accounts:	0
Cost Overrun	.0%	.0%	Overdue SOE Audits:	0
Disbursement Lag	15.2%	.0%	Overdue Special Account Audits:	0
			Qualified and Unsatisfactory Audits:	0

Mandatory Ratings	This Form 590	Last Form 590	Other Ratings	This Form 590	Last Form 590
Overall Status	2	1	Procurement Progress	2	2
Project Development Objectives	1	1	Training Progress	1	1
Compliance With Legal Covenants	1	1	Technical Asst. Progress	1	1
Project Management Performance	2	1	Studies Progress	1	1
Availability Of Funds	3	2	Environmental Aspects	1	1
			Financial Performance	NA	NA
			WID Impact	1	1

SECTION 4: Supervision Management:

Names Of Mission Members	Member Specialization	Participated In The Previous Mission (Yes/No)	Time Spent On Supervision (mo/yr) 04/92
R. MONTAGUE	SR. ARCHITECT	Y	S/W Up To Current FY : 3.2
B. DUCES	SR. OPERATIONS OFFICER	Y	S/W Planned During Current FY: 24.0
			S/W Actual During Current FY -
			Total : 12.5
			In Field : 6.5

Form 590
Second Higher Education Development Project
Loan 3311-IND

Section 5: Actions previously agreed or recommended (Section 8 of last Form 590)

Borrower: At the wrap-up meeting, the mission recommended that the Borrower take the following actions:

- (a) to improve research quality and dissemination (i) the maximum allowable salary component of the research grants should be increased to help compensate for income lost while undertaking the research, and (ii) an office should be established under the Director of Research to help develop national research journals;
- (b) full servicing during book procurement should be included in all book procurement contracts;
- (c) the policy study on private higher education should take place as soon as possible;
- (d) a Directorate of Higher Technical Education should be established at the DGHE to deal with polytechnic education; and
- (e) for the ESCs, (i) the FY 91/92 DIP for OECF and counterpart funds should be approved immediately, (ii) the Government should arrange for ESC in-country training funds as soon as possible and (iii) the issue of ESC promotion criteria should be raised in a letter to the rectors urging them to request DGHE to recognize environmental science as an academic discipline and to agree on promotional criteria.

Bank - The Bank should send a small mission to Indonesia to review implementation of the issues mentioned above early in 1992 with a larger review mission to be sent late in the year to review thoroughly all aspects of project implementation.

Section 6: Actions taken by Borrower and Bank since previous Form 590

Borrower:

- (a) (i) the mission was unable to determine if consideration is being given to increasing the salary component of research grants, and (ii) there are no present plans to develop new national research journals so a separate office for this function is unnecessary at present;
- (b) no book procurement contracts have been signed;
- (c) the policy study on private higher education is scheduled for completion (along with the four other policy studies) by January 31, 1994;

- (d) consideration is being given in DGHE to establishing by 1994, a new Directorate of Professional Education to cover the polytechnics and primary teacher training although MENPAN has not yet approved;
- (e) (i) the FY91/92 DIP for the ESCs for OECF and counterpart funds was apparently never approved; (ii) no arrangements have so far been made to fund ESC in-country training; (iii) ESC teaching staff receives credit for their ESC activities, but so far have to be promoted through their original faculties.

Bank - The present mission reviewed issues mentioned in the previous supervision report and a larger mission is planned for later in 1992 to review thoroughly all aspects of project implementation.

Section 7: Summary of current status and major problems

The slow start in implementation of this project continues to be disappointing. In addition to the late release of Loan funds to the CPIU in October 1991, Government counterpart funds were only partially received in mid-February this year just one month before the books closed for FY91/92. This has meant, of course, that very few of the activities planned for this fiscal year have taken place. In addition, OECF has not yet released its funds for the Environmental Study Centers for this fiscal year nor has the Government provided any counterpart funds for this component. This is a serious delay in a project with an implementation period of only three years. In spite of these funding delays, however, activities with 100% funding from the Loan are being implemented much as planned such as the overseas fellowship program and the granting of research funds. In addition, although no new national research journals are planned, subsidies will be provided for the first time to existing journals during the coming fiscal year and their editors will be trained. Aside from the lack of funding, problems are also occurring in the library book component where procurement of books may be unnecessarily complicated by the proposed use of two different book purchasing arrangements, in the very slow establishment of the library automation system, and in the MIS component where performance indicators have not yet been agreed upon.

Section 8: Summary of agreements with Borrower and further actions recommended to be taken by Borrower and Bank

Borrower: At the wrap-up meeting, the mission recommended that the Borrower take the following actions:

- (a) a special effort should now be made to secure funds to allow full implementation of the ESC component;
- (b) a review and evaluation of both types of book procurement contracts should be undertaken after the first set of orders has been placed and received; and
- (c) the MIS performance indicators seminar, now rescheduled for April 1992, should take place as planned and should make appropriate decisions and recommendations for the establishment of the system.

Bank: The Bank should send the larger review mission to Indonesia later this year as planned to review all aspects of project implementation.

Prepared by: Task Mgr. <i>Ruth Montague</i>	Reviewed by: Div. Chf. <i>[Signature]</i>	Reviewed by: Dir/RVP <i>[Signature]</i>
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The project mission reviewed in this document is the review mission report and a larger mission is planned for later in 1993 to review thoroughly all aspects of project implementation.

Section 1: Summary of project status and major problems

The review was in implementation of this project mission to be completed. In addition to the late release of loan funds to the CPU in October 1991, Government counterpart funds were only partially received in mid-January this year. The one month delay in the release of funds for this year has meant, of course, that very few of the activities planned for this year have taken place. In addition, OECF has not yet released the funds for the Environmental Study Centers for this fiscal year nor has the Government provided any counterpart funds for this component. This is a major delay in a project with an implementation period of only three years. In spite of these funding delays, however, activities with 1992 funding from the loan have been implemented such as the overseas education program and the purchase of research funds. In addition, although no new contracts for research journals are planned, deposits will be provided for the purchase of existing journals during the coming fiscal year and their return will be expedited. Aside from the lack of funding, problems are also related to the library book component where procurement of books will be expedited as far as possible by the proposed use of two different book purchasing alternatives. In the very slow establishment of the library computer system, and in the MIS component where only two indicators have not yet been agreed upon.

Section 2: Summary of agreements with borrower and further actions recommended to be taken by borrower and Bank

At the end of the meeting, the review recommended that the borrower take the following actions:

- (a) A special effort should now be made to secure funds to allow full implementation of the ESC component;
- (b) A review and evaluation of both types of book procurement contracts should be undertaken after the start of fiscal year 1993 and results reported;
- (c) The MIS performance indicators system, now established for April 1992, should take place as planned and should meet appropriate objectives and recommendations for the establishment of the system.

INDONESIA
REVIEW OF LOAN COVENANTS

LOAN/CREDIT: L-3311 PROJECT: SECOND HIGHER EDUCATION DEVELOP. PROJECT EFF: 08/01/91 APP: 03/26/91 SECTOR: EDUCATION

(AS OF 04/09/92)

AGREEMENT SECTION	TYPE OF COVENANT	UPDATE DATE	CUR ST CODE	DESCRIPTION OF COVENANT	CURRENT COVENANT STATUS DESCRIPTION
LOAN					
ART.II, SEC.2.02(B)	M1	01/14/92	2	ESTABLISHMENT OF SPECIAL ACCOUNT WITH APPROPRIATE STRUCTURE AND OPERATIONAL PROCEDURES	SPECIAL ACCOUNT ESTABLISHED.
ART.IV, SEC.4.02	M3	01/14/92	2	BY 9/30/91, OBTAIN FUNDS FROM GOI OR OTHER SOURCES FOR ENVIRONMENTAL STUDY CENTERS UNDER PART B(V) OF THE PROJECT.	AGREEMENT FOR FUNDING SIGNED WITH OECF ON SEPT. 19, 1991.
ART.IV, SEC.4.01(B(I))	M1	04/08/92	8	AUDIT RECORDS AND ACCOUNTS AND SPECIAL ACCOUNT FOR EACH FY IN ACCORDANCE WITH APPROPRIATE AUDITING PRINCIPLES.	NOT YET DUE.
ART.IV, SEC.4.01(B(II))	M1	01/14/92	8	SUBMIT AUDITS WITHIN NINE MONTHS OF END FY AND PCR WITHIN SIX MONTHS AFTER LOAN CLOSING	NOT YET DUE.
SCH. 5, 1(A)	M1	01/14/92	2	CARRY OUT PROJECT IN ACCORDANCE WITH HIGHER EDUCATION PROGRAM GUIDELINES AND ACTION PLAN SATISFACTORY TO BANK.	UNDER IMPLEMENTATION.
SCH. 5, 1(B)	M1	04/08/92	4	PREPARE AND FURNISH TO BANK A REPORT ON IMPLEMENTATION OF PREVIOUS FY'S BUDGET FOR BORROWER'S HIGHER EDUCATION PROGRAM BY 12/31 OF EACH YEAR COMMENCING ON 12/31/91	REPORT GIVEN TO 2-3/92 REVIEW MISSION.
SCH. 5, 1(C)	M1	04/08/92	4	PREPARE AND FURNISH TO BANK SEMI-ANNUAL PROGRESS AND EVALUATION REPORTS FROM APRIL-SEPTEMBER AND OCTOBER-MARCH OF EACH YEAR.	NEXT REPORT DUE END APRIL 92.
SCH. 5, 1(D)	I	01/14/92	2	CPIU TO BE STRENGTHENED BY APPOINTING THREE ADDITIONAL PROFESSIONAL STAFF BY 7/31/91	THREE ADDITIONAL PROFESSIONAL STAFF APPOINTED TO CPIU JUNE 91.
SCH. 5, 1(E)	I	01/14/92	3	BY 12/31/91 ACTION PLAN TO MAKE ESC AS PART OF UNIVERSITY AND APPOINTMENT OF FULL-TIME CORE STAFF, AND GIVE FULL CREDIT TOWARDS STAFF ACTIVITIES.	ESCS HAVE BECOME PART OF UNIVERSITIES AND FULL TIME CORE STAFF APPOINTED; ARRANGEMENTS FOR FULL CREDIT FOR STAFF ACTIVITIES UNDERWAY.

*****STATUS CODES*****
 1=UNAVAILABLE
 2=IN COMPLIANCE
 3=PARTLY COMPLIED
 4=NOT IN COMPLIANCE
 5=TO BE WAIVED/DELETED
 6=NO LONGER RELEVANT
 7=TO BE AMENDED
 8=NOT YET DUE

 *****COVENANT TYPE CODES*****
 INSTITUTION- I=CREATE/REVISE/UPDATE ORGANIZATIONS; IMPROVE MGMT & MIS; AGREEMENTS BETWEEN OR WITH AGENCIES
 MANAGER- M1=SUPERVISION OF IMPLEMENTATION (PLAN/ACTION/REPORTING INCL. PROCUREMENT ACTION, DEVELOP ACCOUNTING SYSTEM)
 FINANCIAL: M2=ADEQUATE TRAINING PROGRAM
 M3=WORK PROGRAM/BUDGET PREP'D
 F1=SIGNING OF SUBSIDIARY AGREEMENT
 F2=RATES OF RETURN
 F3=COST RECOVERY & INT. RATES

*****COVENANT TYPE CODES*****
 F4=SELF-FINANCING RATIO
 F5=DEBT/EQUITY RATIO; DEBT SERVICE RATIO
 F6=PRICING OF PRODUCTS
 F7=PROVISION OF LOCAL FUNDS
 F8=PREPARE SECTOR INVESTMENT PROGRAM
 F9=LEVEL OF OUTSTANDING ARREARS
 F10=ASSET REVALUATION; DEPRECIATION
 TECHNICAL: T1=CONSTRUCTION STANDARDS
 T2=LAND ACQUISITION & MAPPING
 T3=SITE SELECTION
 T4=DETAILED ENGINEERING
 T5=ENSURE O & M PLAN & FUNDING
 T6=ENVIRONMENT
 OTHERS: OTH=OTHERS

April 6, 1992

Dr. O. Simbolon
Project Director
Higher Education Development Projects
Ministry of Education and Culture
Jakarta, Indonesia

Dear Dr. Simbolon:

Re: First and Second Higher Education Development Projects
(Loans 2944-IND and 3311-IND)

1. We would like to express our appreciation to you and the members of your staff for the many courtesies extended to Ms. Montague and Ms. Duces during their recent visit to Indonesia to review progress in implementation of these projects. We are attaching a copy of the final Aide-Memoire resulting from that visit, which has been revised as discussed between you and the mission. If you have any further comments on the Aide-Memoire, please let us know.

2. We are pleased to hear that the first Project is nearing a successful completion but disappointed that the Second Project has gotten off to such a very slow start and would like to reconfirm the mission's recommendations, mentioned in the Aide-Memoire, as follows:

- (a) a review and evaluation of both types of proposed book procurement contracts should be undertaken after the first set of orders has been placed and the books received, in order to determine which of the two approaches has worked best. The most favorable method should then be adopted for the remainder of the procurement;
- (b) a special effort should now be made to secure funds to allow full implementation of the Environmental Study Center (ESC) component; and
- (c) the management information system (MIS) performance indicators seminar should take place as soon as possible and should make appropriate decisions and recommendations for the establishment of the MIS.

3. We look forward to receipt of the following documents for our comments and no objection:

Loan 2944-IND

- (a) recommendations for award of S2/S3 equipment, before contracts are signed (para. 7 of the Aide-Memoire);

- (b) lists and specifications for Growth Center equipment including the bid documents, before they are forwarded to suppliers, and an advertisement for the ICB bid (para. 7);

Loan 3311-IND

- (c) draft contracts and contract documents for book and journal procurement proposed to be signed with Scientific, the international book jobber, and Toko Buku Tropen, before the contracts are signed (para. 13);
- (d) the draft request for proposals for the library automation system, before it is forwarded to the vendors (para. 16);
- (e) lists and specifications for basic science equipment to upgrade science teaching laboratories at the 15 universities including the bid documents, before they are forwarded to suppliers, and an advertisement for the ICB bid (para. 18);
- (f) the draft action plan for establishment of equipment maintenance and repair centers at the polytechnics and for training of center staff, before its official adoption (para. 19);
- (g) recommendations for award of contracts for completion of the five studies, before contracts are signed (para. 29);

Both projects

- (h) SOE and special account audit reports for both projects (para. 32); and
- (i) progress and evaluation reports on project implementation for the period November 1, 1991, through April 30, 1992 (para. 34).

4. The mission's recommendation in the Aide-Memoire that current promotion policies for the Environmental Study Centers be accepted as satisfaction of the requirement in Schedule 5 of the Loan Agreement that the work undertaken by ESC staff be recognized for promotion purposes, is still under discussion here. We will inform you as soon as a decision is made.

5. We would like to ask you to consider requesting reallocation of Schedule 1 of the Loan Agreement for Loan 2944-IND, as Category 5 for Research, is currently overdisbursed. The reallocation should, of course, be based on your estimate of disbursements remaining under the Project.

6. In addition, we would like to acknowledge receipt of your letter no. 4917/0292/CPIU/PRCT dated February 19, 1992, which has been discussed with our recent mission. Your letter recommends award of a contract under Loan 2944-IND, for computer equipment for IKIP Medan following local competitive bidding. However, as you know, the final list for this equipment was never submitted to the Bank for its no objection, and the mission considered that the amount of equipment specified was considerably in excess of the IKIP's actual computer needs. (In addition, the proposed cost of about US\$580,000 is well above the limit allowed by the Loan Agreement for LCB of US\$200,000,

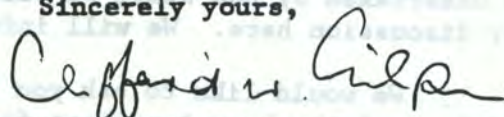
meaning that the list should, in any case, have been tendered under international competitive bidding procedures.) Fortunately the mission was able to travel to Medan to discuss with IKIP officials their computer needs. Together they agreed on a smaller configuration of equipment than was bid, and a revised list has been provided to you. As you have now tendered the original list and evaluated the bids, we suggest that you either (i) award those items only, under that tender, that appear on the revised list, to the lowest evaluated responsive bidder, Berca Indonesia, with new items to be procured by LCB or shopping, or (ii) rebid the entire revised package under LCB. (As the estimated cost of the revised package is only about US\$260,000, the Bank would have no objection, on an exceptional basis, to your using LCB procedures in this case.)

7. We would also like to acknowledge receipt of letter number 2262/D.1/T/92, dated March 26, 1992, from Pak Oetomo, concerning the contract signed with Pt. Astra Graphia for the purchase under Loan 2944-IND, of a mini-computer for the DGHE. Unfortunately, we continue to be unable to give our no objection for the funding of this contract from the Loan for the reasons stated in our letter dated March 2, 1992. If you will review the Loan Agreement for this Project and the Bank's Guidelines for Procurement which form part of that Agreement, you will find the reasons this is so and you will note that para. 1.11 of the Guidelines states that the Bank does not finance expenditures for goods and works which have not been procured in accordance with the agreed procedures. Such is the case here. However, as both the Ministers of Education and Culture and EKUIN have given their no objection to this contract, perhaps you will be able to revise your DIP allocation for FY92/93 to include the necessary funds.

8. In addition, we would like to mention that we have received a call from a U.S. supplier to Toko Buku Tropen, who apparently may in future be supplying you with audio-visual aids. This supplier provides copyrighted CD Rom data bases and he stated that, in his opinion, such items are audio-visual aids, and implied that the CPIU does not classify them as such. As it was unclear exactly what the problem is, we would appreciate your informing us what you know about this matter.

With kind regards,

Sincerely yours,



Clifford W. Gilpin
Division Chief

Population and Human Resources Division
Country Department III
East Asia and Pacific Regional Office

First and Second Higher Education Development Projects

cc: M/M Duces, You, Koilpillai, Asia Information Center

RMorvague:mb

Review Mission Aide-Memoire
February/March 1992

This Aide-Memoire records the findings and recommendations of a review mission that visited Indonesia in February/March 1992. The purpose of the mission was to review progress in implementation of the first and second Higher Education Development Projects (Loans 2944-IND and 3311-IND). The mission visited both the University of Gadjah Mada (UGM) and the University of Indonesia (UI). This Aide-Memoire gives a brief summary of progress in implementation, especially in those areas identified as issues in the previous Aide-Memoire dated November 1991. The new issues raised and the agreements reached during the course of the review. The mission would like to express its sincere appreciation for the hospitality and cooperation extended to it by the officials of the Government of Indonesia.

Summary, Issues and Recommendations

1. Loan 2944-IND In order to allow completion of all remaining activities to be funded from this project such as final equipment procurement, completion of fellowships, etc., the Ministry of Finance requested that the closing date of the loan be extended by one year from December 31, 1991, to December 31, 1992. The Bank agreed to this extension in the letter dated December 19, 1991. Of the total loan amount of US\$140.3 million, about US\$11.9 million has been disbursed. All loan funds are expected to be completely disbursed by the revised closing date or shortly thereafter.

2. Loan 3311-IND The slow start in implementation of this project continues to disappoint. In addition to the late release of loan funds to the Central Project Implementation Unit (CPIU) last October, Government counterpart funds were only partially received in mid-February this year just one month before the books close for FY92/93. This has, of course, meant that in spite of the best efforts of the CPIU, very few of the activities planned for this fiscal year have taken place. In addition, GECX has not yet released its funds for the Environmental Study Centers (ESCs) for this fiscal year nor has the Government provided any counterpart funds for this component. This is a serious delay in a project whose implementation period is only three years long.

Mission members included Mr. E. Montague (architect) and Mr. B. Duces (information systems officer), with assistance from Mr. Vincent Kookendar (operations officer).

5 The views expressed in this Aide-Memoire are subject to review by Bank management.

INDONESIA

First and Second Higher Education Development Projects (Loans 2944-IND and 3311-IND)

Review Mission Aide-Memoire February/March 1992

1. This Aide-Memoire records the findings and recommendations of a review mission¹ that visited Indonesia in February/March 1992. The purpose of the mission was to review progress in implementation of the first and Second Higher Education Development Projects (Loans 2944-IND and 3311-IND). The mission visited both the University of Gadjah Mada (UGM) and the University of Indonesia (UI). This Aide-Memoire gives a brief summary of progress in implementation, especially in those areas identified as issues in the previous Aide-Memoire dated November 1991, the new issues raised and the agreements reached during the course of the review.² The mission would like to express its sincere appreciation for the hospitality and cooperation extended to it by the officials of the Government of Indonesia.

Summary, Issues and Recommendations

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¹ Mission members included Ms. R. Montague (architect) and Ms. B. Duces (information systems officer), with assistance from Mr. Winant Rooskandar (operations officer).

² The views expressed in this Aide-Memoire are subject to review by Bank management.

4. Aside from the very slow start, the main issues in project implementation include:

- (a) the proposed use of two different book purchasing arrangements, while potentially cheaper, but which may complicate the procurement of library books under the library development component (paras. 12 and 13);
- (b) the lack of funds needed to implement fully the ESC component (paras. 21 to 23); and
- (c) the special attention needed for management information system (MIS) coordination and implementation, especially with regard to the definition of required additional performance indicators (paras. 26 to 28).

Mission recommendations concerning the above issues include:

- (a) the CPIU should allow for a review and evaluation of both types of book procurement contracts after the first set of orders has been placed and received (para. 13);
- (c) the CPIU should now make a special effort to secure funds to allow full implementation of the ESC component (para. 21); and
- (b) the CPIU should ensure that the MIS performance indicators seminar, now rescheduled for April 1992, takes place and makes appropriate decisions and recommendations (para. 28).

Loan 2944-IND

5. Action Plan for Higher Education. The current status of the Action Plan for Higher Education is given in Attachment 1.

6. Academic subject consortia. All 12 academic subject consortia have submitted their reviews of programs and institutions within their fields. The consortia will hold a seminar on March 7 to discuss how to follow-up the reviews' recommendations with the DGHE. These reviews will be undertaken annually in future.

7. Equipment procurement. The status of the equipment procurement undertaken under the project is as follows:

Academic Staff Development and Priority Undergraduate Study Programs at 10 teacher training faculties and 2 teacher training colleges (S2/S3 equipment and books estimated at appraisal to cost US\$9.3 million):

Equipment contracted under the first bid (estimated to cost about US\$4.8 million) is currently being delivered. LCB bids for leftover items (estimated to cost about US\$1.4 million) have recently been evaluated. Recommendations for award are expected to

be sent to the Bank for its no objection within a month with delivery during the following six months.

Educational Quality Inputs (equipment estimated to cost about US\$1.88 million):

There has been no change in the status of this component since the October/November 1991 Aide-Memoire. See para. 33.

Support to Private Institutions (Growth Centers):

As their construction nears completion, the four Growth Centers to be equipped under the project (reduced from the nine originally planned) have submitted lists and specifications for needed equipment to the CPIU. The total value of this equipment is about US\$1.5 million. It will be procured under ICB procedures. Funds have been budgetted in the FY92/93 DIP for this equipment.

Facilities Upgrading and Campus Development:

Equipment for UI has now been completely delivered and about 90% installed. Equipment for the four other institutions has already been completely delivered and installed.

Polytechnics:

The total value of the equipment already supplied to the polytechnics is now about US\$17.3 million. No further supply of equipment to the polytechnics is planned under this project.

8. Civil works. The final construction contract under the project, for the Growth Center at Ujung Pandang, has been signed and construction began in January 1992. All other construction is complete except at the the IKIP Medan where progress toward completion currently stands at about 85%.

Loan 3311-IND

9. Support for university-based research. 2,657 applications for research support during FY91/92 were received out of which about 913 have been recommended for award by the selection committee and about 800 will be selected. As Rp 4.5 billion is available under the project, the grants will therefore average about Rp 5.6 million each. 39 private universities from 11 KOPERTIS³ are among those expected to receive awards. These funds will be supplemented during the year by the Government with an additional significant amount for research which will be given on a priority basis to science and technology product-oriented proposals. The supplemental funds can be used for multi-year, multi-disciplinary research. The universities were notified in January 1992 of this supplemental fund and proposals are due on March 31, 1992.

³ Regional Coordinator for Private Higher Education

10. The Inter-University Centers (IUCs) will also receive about Rp 2.7 billion for research from this project and from the Second University Development Project (Loan 2547-IND) which is in its last year of implementation. The IUCs can also compete for the general research funds and the other universities can compete for the IUC funds. This increase in competitiveness should assist in upgrading the quality of the research being undertaken. In addition, the DGHE's Directorate of Research and Public Service will assist with the awarding of IUC research grants for the first time in FY92/93 which will also serve to upgrade quality.

11. There are no present plans to establish any new national research journals. Rather, in FY92/93, subsidies will be provided to existing national research journals depending on the number and quality of articles they are able to publish. The criteria for providing these subsidies are apparently still under preparation. There are also plans to train research journal editors during the fiscal year. The problem of translation of articles into English has so far precluded increasing publication of Indonesian research results in international research journals.

12. Library development--book and journal procurement. With regard to book procurement, the Directorate General of Higher Education (DGHE) intends to divide the procurement into two parts. The books to be purchased from 12 major publishers, estimated to represent approximately half of the book purchases, will be ordered directly from these publishers by the University Center for Library Development (UKKP). Local distribution of these books will be provided by Scientific, who has been identified as the local agent by all 12 publishers. Scientific will also be responsible for distributing announcements of new publications to the universities and for providing cataloging services and MARC records for the ordered books. This is to be an open contract, so orders can continue to be placed as they are required. Book purchases from all other publishers will be handled through an international jobber, who will be responsible for order placement, delivery of books, library cataloging services, and announcements of new books. A request for a statement of technical capabilities were sent to four major jobbers, who have all responded. The Book and Journal Procurement Committee, established to assist the UKKP in the procurement process, has ranked each of the four jobbers on a series of criteria, with the highest rank given to the firm Baker and Taylor. A request for a detailed proposal including costs will now be sent to Baker and Taylor, and if it proves satisfactory, DGHE will negotiate a contract with them. This is to be a closed contract for a specific set of titles.

13. By splitting the book purchase arrangements in this manner, DGHE expects to be able to negotiate a more advantageous discount from the 12 major publishers, than if their orders were also placed through the jobber. The mission urges DGHE to make sure that the necessary library and cataloging services are provided under this arrangement. To this end, Scientific must demonstrate, in advance of contract signing, that they are in fact capable of delivering the required services. While the mission understands DGHE's proposal to divide the purchasing process, it nevertheless wants to caution that this may not be the best approach; placing all orders through one book jobber is more likely to result in a consistent and uniform service with the least amount of aggravation for DGHE. The mission therefore recommends that all book purchase contracts be undertaken, allowing for a review and evaluation step, after the first set of orders has been placed and received.

This evaluation would determine which of the two approaches has worked best, before proceeding further. For both contracts, UKKP should state explicitly in the contract documents that no substitution titles are allowed to be delivered. The World Bank needs to review all proposed contract documents and give its no objection before contract signing. Attachment 2 gives some further comments on the different book purchase arrangements.

14. Each individual university library has already been provided with lists of newly published books for which orders may be placed. At the same time, budget allocations for each library are being worked out based on an algorithm, taking into account the numbers and types of disciplines that need to be served by the particular library. An acquisitions management workshop is planned to take place in the next few months, to help university librarians implement these procedures. To improve the quality of the book selections made, each university will also establish a Selection Committee, to review the orders before they are placed.

15. With regard to journal procurement, Toko Buku Tropen, a local firm, has been selected to handle this procurement, based on a review of technical capability statements provided by four vendors. As with the books, selection was made by the Procurement Committee based on a ranking of several criteria. The Indonesian vendor is backed up by Swets, one of the major international journal jobbers. A three-year contract is expected to be signed with this vendor during the next month, which will still allow journal subscriptions for 1992 to be placed. The contract needs to be reviewed by the World Bank and receive its no objection before it is signed. Every effort should be made to expedite this process.

16. Library automation. To assist in the library automation development work, an information systems expert has been seconded to UKKP from UGM. This has been very beneficial to the component. UKKP has now drawn up a statement of its requirements, in the form of a request for proposals. This document formed the basis for discussion in a recent workshop bringing together all university library directors and UKKP staff. Additional requirements identified at the workshop were incorporated into the statement, to be sent to appropriate vendors. Since the software and related central hardware is specialized and can only be handled by a very few vendors, DGHE will send the request for proposals (RFP) to three suitable suppliers--VTLS, Inlex, and Dynex. Both technical and cost proposals will be solicited and will be evaluated and ranked based on a given set of criteria. These criteria should be stated explicitly in the RFP document, so vendors are aware in advance of the evaluation process. The RFP document should be forwarded to the Bank for review and no objection before being sent to the vendors.

17. In addition, the procurement of standard hardware needed for the library automation--PCs and additional networking and printer hardware and software--should be carried out using local competitive bidding procedures. This equipment should be divided into three or more packages including: (1) all PC hardware not directly related to the minicomputer, for the central facility at UKKP/UI; (2) hardware related to the installation of the system at the Discipline Service Centers; and (3) hardware needed for the smaller installations at the remaining universities. The estimated cost of each package should not exceed US\$200,000 equivalent in value in order to allow its procurement under LCB procedures. (Please see Schedule 4, Part C.1.3. of the Loan Agreement.)

18. Basic science. The eight locations for the instrumentation and calibration centers were being decided while the mission was in the field, by the 13-member expert group called the Development of University Basic Sciences Team. This group meets every two weeks. They are also currently working on preparation of lists and specifications for procurement of equipment by ICB to upgrade science teaching laboratories at 15 public universities. The Team has visited the universities and held a conference of deans in January 1992 during which it asked them to prepare master lists of needed equipment based on a budget allocated to them by the Team. The master lists will be approved by the Team after which specifications will be prepared by the universities and the Team together. Master lists from eight universities have already been received and the remainder are expected almost immediately. The CPIU estimates that the lists and specs will be completed by the end of May 1992. Draft bid documents are expected to be forwarded to the Bank for its no objection shortly thereafter. The bid will be advertised internationally in June with bids due by August.

19. Support for polytechnics. The Polytechnic Education Development Center in Bandung is drawing up the equipment lists and specifications for the polytechnics, but the CPIU was unable to estimate when they might be ready or bidding take place. Adoption of an action plan, satisfactory to the Bank, for the establishment of equipment maintenance and repair centers of the polytechnics, and for training the staff of these centers is a condition of disbursement of the loan for polytechnic equipment, except for urgently needed items costing up to a total of US\$1.0 million. This action plan should be completed as soon as possible and forwarded to the Bank for its no objection before being officially adopted, all in good time to allow disbursement under polytechnic equipment contracts once they are signed.

20. The DGHE is considering establishing a new Directorate (or possibly Sub-directorate) of Professional Education to cover the polytechnics and the primary teacher training for which the DGHE recently became responsible when the educational requirement for primary teachers was raised to the D2 level. So far MENPAN⁴ has not given approval for the creation of this Directorate. The DGHE is hopeful that it will be created by 1994, especially because serious problems are already foreseen in the primary teaching force as well as the fact that guidance will be needed by the polytechnics. Once created, staff positions will automatically be provided.

21. Environmental Study Centers. The FY91/92 Rupiah budget for this component which was to have been used for the planned local training program and ESC and project administration, was approved, but until the end of February, the money had not been provided. These funds are expected to be provided in next year's development budget (DIP) although the source of overall funding for the local training program is still under discussion. In fact, the mission was informed that the OECF also has not yet released its FY91/92 funds under the agreement it signed with the Government for ESC funding. This has also meant that the Chief Technical Advisor has not yet been hired although three expatriate experts have been identified. The CTA is expected to be hired by June 1992 with short term advisors to follow thereafter. The Bank loan funds have been available only for research activities and some staff allowances.

⁴ State Ministry for Utilization of State Apparatus

22. 172 research proposals for Bank funding in FY91/92 were received from ESC staff of which 111 were contracted with an average grant of about Rp 5.0 million per project. The quality of the proposals was adequate although the general range of proposals was not as expected as it was hoped that the ESCs would specialize. A meeting will be held in late March to discuss the research grants and possible ESC specialization. An additional Rp 2.3 billion from the Bank loan will be available in FY92/93 for further research.
23. Staff at the ESCs consists of a fulltime Chairman and Secretary with up to five additional fulltime staff at some of the larger ESCs, along with parttime teaching staff. Teaching staff receive credit points toward promotion from all of their ESC activities although they can only be promoted through their original faculties. ESC fellows will be required to sign agreements that they will work in the ESCs upon their return from their fellowships and not go back to their faculties. As mentioned, however, they will receive full credit toward promotion for their ESC activities but so far have to be promoted through their original faculties. The mission will recommend to the Bank this be accepted as satisfaction of the requirement in Schedule 5, para.1.(e) of the Loan Agreement that the work undertaken by ESC staff be recognized for promotion purposes.
24. The loan implementation instructions for the ESCs should be prepared and the mission will determine exactly what they should include and inform the CPIU accordingly.
25. Selected physical facilities. Construction at the Universities of Andalas and Lambung Mangkurat and at UGM will begin in FY92/93. Contracts will be awarded under local competitive bidding procedures.
26. Management information system. Progress has been made towards the coordination of the HEMES⁵ and SINAS⁶ activities. A meeting was held among DGHE and the staff from UGM (responsible for HEMES) and UI (responsible for SINAS), to determine future activities. It was decided that HEMES would continue to be the database where performance indicators on higher education are maintained. The software is now being distributed to all 49 public universities, to be used for data entry and reporting to HEMES. It can also be used for local management and review of statistics and indicators at the individual university level. It was also decided to discontinue the use of the SINAS software; the SINAS activities, instead, would concentrate on determining the requirements for a unified and expanded database of indicators to be developed during the project. This expanded database would incorporate the HEMES data, build on the HEMES software and database management system, and include the additional indicators not yet collected.
27. The next step is to hold the seminar to identify the additional performance indicators that are required by DGHE. This seminar is now scheduled for April. Both UGM and UI will need to work out action plans for implementing the decisions made and further developing HEMES and SINAS.

⁵ Higher Education Monitoring and Evaluation System

⁶ National Information System and Network

28. The mission visited UGM and the HEMES staff. Several actions have been taken to ensure that the quality of the data collected is improved. Universities are given diskettes with their previous-year data already listed, so they can verify incorrect discrepancies between years. They have also been given print programs, so individual universities can print reports for their internal verification. The collection process has also been more standardized and a detailed manual for data entry is being distributed to universities, together with the data entry diskettes. UGM plans to hold a workshop and coordination meeting in April with all vice-rectors and the MIS staff members from each university to provide status reports, explain and train on software use and discuss data quality improvement procedures. Although the mission is encouraged by the progress made in the further MIS development, the outcome of the April seminar on the identification of additional indicators will be essential for further success.

29. Studies and evaluation. The terms of reference for the five major studies to be completed under the project have just been agreed among the CPIU, the Ministry of Education and the World Bank. Short lists of consultants consisting of public and private universities and private consulting firms have also been agreed. Letters of invitation for proposals will be issued in the very near future if they haven't been already. A coordination team of three expert members, appointed by DGHE, will review the technical proposals and make recommendations for award to a selection committee of about 9 members from DGHE, the CPIU and the Ministry's Secretariat General, with advice from the expatriate consultant, Dr. David Clark. Meetings of the Selection Committee and attended by Dr. Clark were held from March 10 to 12, 1992. From there the recommendations will go to the CPIU, the DGHE, the Minister and the Bank for their no objection with contracts expected to be signed by the end of July 1992. The first drafts of the studies are scheduled for completion 18 months later in early 1994. Once they are underway, Dr. Clark will review progress in implementation of the studies every three months and chair a seminar every six months to discuss progress. The study on private higher education development policy and strategy is especially important as a government policy for the future development of private higher education is fairly urgently needed to prevent further deterioration of quality in this important educational subsector.

30. Project financing. The project has been seriously delayed in its first year of implementation by the very slow government procedures for the release of project funds. Loan funds were not made available to the CPIU until late October 1991, more than halfway through the fiscal year. In addition, the first receipt of the budgeted GOI counterpart funds for S2/S3 intake for 1992 (but not for PPI 1992 intake) occurred in mid-February 1992, just one month before the books for the fiscal year close on March 14. Some of the latter funds can now be spent to reimburse at least two universities for in-country S2/S3 training that they funded themselves during the year. Other activities scheduled for this fiscal year cannot now take place. Such a slow start means that almost an entire year of benefits from the project have now been lost. The CPIU has asked for US\$11.6 million in counterpart GOI funds for FY92/93 to partially finance construction and in-country training. The loan will also finance these and other types of project expenditures.

31. An advance deposit of US\$15.0 million was made into the project's special account of which about US\$10.0 million has been spent, mostly for the loan's share of in-country training costs during FY91/92.

Reporting under Both Projects

32. Reports currently overdue include the SOE and special account audit reports for Loan 2944-IND. The government's audit office, BPKP, has audited the SOEs but apparently has not yet certified the report or forwarded it to the Bank. The CPIU should now follow up this matter with BPKP in order to expedite the submission as the reports are now more than two months overdue. The audit of the project accounts has been received from BPKP by the Bank.

33. A report on the financing of Indonesia's higher education program as required by both Loan Agreements was handed to the mission and is attached (Attachment 3). Also received was information on the budgets for both projects for FY91/92 and FY92/93.

34. We now look forward to receipt of the progress reports on implementation of the projects due at the Bank by April 30, 1992, to cover the period from November 1, 1991, through the due date.

Action Plan for Higher Education
Current Status

Improvement of quality and efficiency:

Raise status of university librarians and integrate private and public university libraries into a national network:

The status of university librarians has been raised from "administrative staff" equivalence to "teaching staff". The integration of private and public libraries into a national network is still some way in the future. A national network within the public universities is currently being established.

Implement recommendations of teacher training study:

Several recommendations of the teacher training study have been implemented including the setting up of a three year training course for senior high school science and math teachers. The study has served as the basis for the proposed teacher training project to be funded by the Bank.

Resource mobilization and finance:

Prepare and disseminate information to the public on state university operating costs, government subsidies and levels of student fees:

Information to be disseminated on operating costs and government subsidies following results of upcoming studies; as student fees are liable to increase following recent granting of university autonomy, it is especially important that this information be disseminated.

Expand student loan scheme and extend it to private university students:

This scheme has little support in the government as severe problems have been experienced in pay back by students.

Stimulate new sources of funds/revenues for state universities and encourage well-established ones to self-finance some of their expenditures:

New autonomy decree allows universities to raise their own funds; some have already begun raising funds through contract research and charging higher fees for MBA programs.

Planning and management of higher education:

Adjust rate of expansion of state university enrollments and study programs to annual availability of financial resources and qualified secondary school leavers:

DGHE's planning division issues a "memo progress koordinatif (MRK)" each July after conferring with university directors containing DGHE policy for the following year, regarding intake, study programs, finance, etc.

Establish and operate an ongoing tracer system for graduates of institutions of higher education:

So far conducted only for engineering in relation to progress in acceleration of engineering education (PP1). New study will establish standard methodology for tracer studies to be undertaken from time to time in future.

Prepare a strategy for the development of private higher education:

A study of private higher education development will be undertaken in near future.

Professionalize university management by developing a functional stream of university manager, distinct from academic administration:

Has been implemented.

Operationalize the management information system in all state universities and KOPERTIS:

Still under development.

Strengthen management capacity of public university administrators:

Especially important with regard to financial management in view of recent university autonomy decree; both financial and academic managers to be trained by DGHE. Training of trainers to take place in FY92/93.

Implementation:

Monitoring team will prepare an annual report on implementation of all World Bank-assisted DGHE projects:

Monitoring team prepares reports on all foreign-assisted education projects although these have not been forwarded on regular basis to Bank.

Joint annual DGHE/IBRD review of current and forthcoming year's expenditure program and implementation of action plan:

Latest joint annual review took place in October/November 1991.

A project implementation workshop will be held each year:

Conducted at beginning of each fiscal year for all project Pimpros.

Book Procurement

Alternatives

Alternative 1. Purchase directly from publishers of specific titles. Under this alternative, orders are placed directly with the publishers of the titles.

Advantages.

- (a) If a sufficient number of different titles or copies of one title are ordered at the same time, the publishers will ordinarily give some kind of discount off the list price (the Books in Print price).
- (b) It may be possible to receive the books quicker, especially if the requested titles are not readily available in bookstores, since they would have to place the order with the publisher also and the two-step process may take longer.

Disadvantages.

- (a) Some publishers may require prepayment of orders. Since, ordinarily they do not deal directly with the customer but through distributors and bookstores, they may more likely require this from organizations they do not ordinarily do business with.
- (b) In general, publishers will not be able to provide "shelf-ready" already cataloged and processed books, ready to be put on the library shelves. They will ordinarily also not be able to provide catalog cards.
- (c) If books from many different publishers are ordered, arrangements need to be made with each of the companies. This is especially the case if negotiations on discounts are sought. A procedure with pro-forma invoices on which quotes need to be made, then to be followed with the placement of the orders themselves is likely to be the process to be followed, resulting in a very lengthy and cumbersome book buying process.
- (d) If books are ordered in small quantities, no discounts will be available.

Alternative 2. Purchase all books through a book jobber. This means that an arrangement is undertaken with the jobber for delivery of the books and a set of predetermined services as required by the customer. The jobber is responsible for placing the orders and all other arrangements with the different publishers from whom titles are being ordered. The jobber is

responsible for ensuring that the books are delivered packaged as determined by the customer. This can include preparing and processing the books to be entirely ready for use in a library, with the catalog cards, the number on the spine, a book jacket, and the electronic bibliographic records.

Advantages

- (a) This method is the easiest for the customer; all handling and book preparation is done by the jobber.
- (b) Book jobbers are able to produce cataloged and library-processed books at a minimal cost, since they handle these processes at very large volume.
- (c) Jobbers have large databases of books in print, which make it easy to identify accurately titles and costs of books.

Disadvantages

- (a) Books are likely to cost more through this method, since the jobber must charge for his service. This is not necessarily the case, however, if a substantial number of books are bought through the same jobber. The volume of business may result in a very reasonable price arrangement. Since the jobber provides a service that must be carried out anyway by the library, the total cost of the end product may actually be the same or less than if the library would process the books themselves.
- (b) Delivery of books, especially from publishers that are fairly obscure, may take longer than direct placement of such orders from these publishers. Jobbers also usually specialize in publishers and books from specific countries. If books need to be ordered from a wide range of countries, a jobber may not be able to cover the entire spectrum.
- (c) Few jobbers worldwide are truly specialized in providing the full range of library services that are required for a large volume of library purchases. Especially, it will take some time before local book distributors are able to provide the same service; this is true for most countries. There are, therefore, only a few companies from which to choose from. If service is not satisfactory, there is not a lot of choice to go elsewhere.

Analysis

The most streamlined and simplest method of book purchase would be to order the entire amount through a jobber and negotiate in advance the type of additional services that the jobber will provide at a certain cost. The arrangement should also state the book price that the jobber will charge, in relation to the published list price (Books in Print will provide this list price). Books should not cost more than the list price, except for special additional services; they may be sold at less than list price. It is

important to note that the fact that a customer has a contract with a jobber for book purchase does not in any way bind that customer to buy all books that are needed through that jobber.

If certain types of books are bought directly from the publisher, with the objective of reducing the book cost, it will be necessary to negotiate for cataloging services with the local distributor who can purchase them from a library servicing company. This may be quite costly and negate the cost savings gained from the direct order placements.

The advantages of buying "shelf-ready" books for Indonesian libraries, however, are substantial. Trained and experienced cataloging staff who are able to produce electronic records for the university union catalog are scarce. The existing trained librarians will be needed in many different library activities and relieving the university libraries from cataloging duties will allow more resources for these other functions. The cataloged books will have a degree of consistency and quality that may not be possible across 49 different university libraries, which, at this stage, vary widely in the expertise of their staff. The difference will be especially felt in UKKP, which has to undertake substantial efforts during the next three years, with a relatively small staff.

Public Higher Education Budget⁷

(in Rp '000)

Budget category	1991/92	1992/93	% change
Routine budget:			
Salaries	242,099,755	276,488,692	14
Miscellaneous	29,952,801	61,887,396	107
Maintenance	5,438,344	8,448,011	55
Travel	1,229,252	1,529,900	24
Subtotal	<u>278,720,152</u>	<u>348,353,999</u>	25
Tuition and fees	<u>89,524,600</u>	<u>107,429,520</u>	20
Development budget:			
University development:			
Murni	236,178,626	270,740,000	15
PP	29,069,552	3,779,930	(87)
PL	158,437,237	126,306,855	(20)
RK	26,845,693	2,200,233	(92)
RPLN	117,713,423	185,513,575	58
Subtotal	<u>568,244,531</u>	<u>588,540,593</u>	4
Operations and maintenance:			
Basic	85,565,711	100,983,600	
Adjustment	45,017,700	45,017,700 ⁸	0
Subtotal	<u>130,583,411</u>	<u>146,001,300</u>	12
Total	<u>1,067,072,694</u>	<u>1,190,325,412</u>	12

⁷ Source: CPIU⁸ Estimate

PIIF

2/92
LHM 331-IND

LIBRARY DEVELOPMENT

Acquisition of books and journals

- Request made to 12 selected international publishers to provide information and catalogs of their publications to be sent to Indonesian universities for selection purposes.
- To date a list of 246 titles of 738 copies has been approved by DGHE awaiting further process -- US \$ 56,905.30
all from one publisher? (Baker & Taylor) *ask ANS*
- The international jobber to handle the remaining titles of books published by other than 12 publishers mentioned above has been agreed for recommendation to the Minister -- 2019 titles.

In process is some kind of guidelines from DGHE to the universities for the formation of book selection - procurement team and its tasks.

- Subscription to 1582 titles of journals, 26550 copies/issues, has been approved for a 3-years time. Negotiations with local handling agent is in process, expected to get settled before mid 1992.
1992 --- US \$ 600.000
1993 --- US \$ 650.000

Library Automation

- Dr. Hary Gunarto of Gadjah Mada University is assigned domestic library automation consultant to UKKP as of December 1991. The assignment is on a two-day week basis. The RFP draft is finalised and submitted to the project for further process -- three library automation vendors are recommended.
- Further compilation of bibliographic data for the Union Catalog is in progress, including the remaining 35 universities.
- Retrospective conversion of library holdings is scheduled to start soon, starting with holdings of 12 DSC. Being prepared is some kind of guidelines for excluding dead holdings.

Manpower development

- 14 Master program trainees (1989-1991) in UK have all returned to their original posts. 13 earned the degree, one failed and earned 2 diplomas.
- One of the 5 trainees studying in Canada (left August 1991) failed after one semester. WUS with the approval of the Project tries to find placement for him in a less though information school for September term.

- Remaining 1991 Candidates for overseas studies:
- For Canada : 3 candidates await final decision for the September term admission.
Further efforts are made for the placement of 2 other candidates in Western Ontario.
- One candidate got accepted in Australia, New South Wales, and is awarded IDP scholarship.
- One is still working to improve her English at the British Council course.
- No progress report yet of 8 trainees (left 1991) studying in UK. Informally, however, it was passed that one failed and has to return home.
- 1992 candidates for Master Program
Selections have been carried out resulting in 14 candidates for the English training in the country.
- S2 program 1991 -- 6 attended, no progress report available yet
1992 -- UI scheduled the selection test February -
March
- S1 --- 1991 intake, 30 trainees, UI : 8 graduated after
3 semesters, 11 after 4 semesters, 5 still on the
program. 5 failed after one semester.
- S1 --- UNPAD, 30 trainees, scheduled February 1992
- D2 --- 1990 intake, UNAIR, 30 trainees, graduated 29, December
1991, one failed
- D2 --- UI, started February 1992, 30 trainees
- D2 --- UNHAS, scheduled March 1992, 30 trainees
- D3 --- UNAIR, scheduled September 1992, 30 trainees
2 semesters, intake D2 graduates
- S1 --- UNPAD, scheduled September 1992, 30 trainees
- Computer training, carried out at UKKP
January 1992, 20 trainees
August 1992, 20 trainees
- Internship, in country, scheduled October 1992, one month
Places of attachment : IPB, UNHAS, UNAIR, each 10 trainees
- Short term training overseas, UK, 10 weeks
10 senior librarians, scheduled late 1992

- Workshop - seminar
 - February 1992 - DGHE/Project/Satgas/UKKP + 49 University librarians *re automation*
 - August 1992 - DGHE/Project/Satgas/UKKP + 49 University
- Consultative visits -----

Progress report on issues raised in the aide-memoire drawn up by the WB review mission in October/November 1991

Appointment of an automation person to the library staff :

1. Appointment has been made to Dr. Hary Gunarto of Gadjah Mada University as domestic consultant for library automation starting December 1991.
2. Dr. Hary Gunarto has been working on the revision of the RFT drawn by Dr. John Ashford which is by now ready to be sent for approval to the WB
3. Further funding of Dr. John Ashford has been discussed with the British Council and they stated that they could only provide funding for international travel and two weeks accomodation in Jakarta.
4. Dr. John Ashford is expected in Jakarta for the evaluation of the RFT from the system suppliers some time in May 1992.
5. Negotiation on the ^{journal} subscription of 1582 titles has taken place last week with Toko Buku Tropen. The total price has been agreed and the project is preparing the necessary procedures for the contract. *
6. The procurement of books from 12 publishers will be done through a multiyears contract and the contractor is PT. Braga Wisma Scientific.
7. Procurement of books not covered by the 12 publisher will be done through a professional jobber with normal contract. The Committee on the Procurement of Books and Journals have evaluated the technical proposals of 4 jobbers and stated the following ranks :

1. Baker & Taylor (USA)
2. John Menzies Library Services (UK)
3. Toppan (Singapore)
4. John Smith and Sons (UK)

← only ones available in world +

did we approve request? apparently not

cost from all 4
or nego w/ #1?

how ranked?
various scores given?
Ibuvina can explain

are requests for full proposals
now needed?

*to 4 folders
loan 3311-IND*

Ref. No. :57/58/59/60/1091/CPIU/LABR

Jakarta, 19 October 1991

Msr : JMLS
TOPPAN
JOHN SMITH & SON
BAKER & TAYLOR

Dear Sir,

The Directorate General of Higher Education have recieved a loan from the World Bank (IBRD Loan No. 3311-IND) for the procurement of books intended to develop the library collection of 49 Public University Libraries in Indonesia.

The procedures of the procurement will be as follows :

1. We will place our orders directly with you, but the import procedures and the delivery of books to the designated universities should be handled by a local company dealing with library materials in Indonesia (Jakarta).
2. The contract should mentioned the titles of the books , the name of the publishers, the number of copies of each title and the exact value of the contract.
3. In order to select the suitable supplier who could meet our requirements, we kindly ask you to issue a Request for Technical Proposal (RFTP) according to the guidelines we enclosed with this letter
4. The RFTP will be evaluated by the Procurement Committee of the Project and the supplier selected will receive a notice to meet the following items :
 - 4.1. In line with the RFTP we need your assistance to appoint just one book importer in Indonesia (Jakarta), who has been dealing with you in retail as well as in World Bank/ADB Projects, and who you recommend to be as the most capable and experienced partner to implement the library services stated in your RFTP and required by the Project.

4.2. Then we kindly ask you to issue the following :

- 4.2.1. An official Letter of Authorization which certifies the book importer as your authorized agent to supply your publications and the implementation of the library services stated in the RFTP to this Project, who is also authorized to negotiate if necessary and to sign the contract on your behalf.
- 4.2.2. An agreement between your company and your authorized agent which stated that the authorized agent is capable and committed to implement and to supply the library services stated in the RFTP and required by the Project.

5. We expect your RFTP to reach us not later than **10 November 1991**
6. A sample copy of the official Letter of Authorization and the list of book-orders will be send to the selected supplier

We look forward to hearing from you and thank you in advance for your participation to our project.

Sincerely,

Dr. O. Simbolon
Project Director

to 4 jobs & to
Scientific
loan 3311-IND

**Request for technical Proposal on Books Procurement
DIRECTORATE GENERAL FOR HIGHER EDUCATION
Higher Education Development Project
(IBRD Loan no. 3311-IND)**

1. Name and address of the company :

2. Names of publishers presented (in alphabetical order)

3. Facilities for the processing of book orders

3.1. Give general outline of the organisation chart of the company, job description and number of staff employed

3.2. Give detailed description how book orders received from the Project will be processed, before orders were sent to publishers. Description should cover the following items :

3.2.1. the process of bibliographical data of books ordered through the computer

3.2.2. name of the system/software used

3.2.3. capacity of computer storage available at the company

3.2.4. how does the company get access to bibliographical data of all the books ordered by the Project

3.2.5. number and qualification of staff in charge of the process of book-orders

3.2.6. estimate time needed to complete the process of book orders, starting from the process through the computer until orders have been confirmed by the publishers

4. Communication facilities

4.1. Describe the communication procedures taken to obtain books ordered by the Project from the publishers. Description should cover the following items :

4.1.1. number and kind of communication systems available in the office, i.e. telephones, telex, facsimiles, electronic mail

4.1.2. the communication system which is most effective and frequently in use

4.1.3. names of countries of publishers with whom the company often get in contact

5. Facilities for packing and shipping

- 5.1. Describe the procedures of packaging for the books to be sent shipped to Jakarta
- 5.2. Describe the kind of transportation used for shipping the books to Jakarta
- 5.3. number and qualification of staff in charge with the packing and delivery services of the books from the warehouse to Jakarta
- 5.4. estimate time needed to complete each batch of delivery, starting from the warehouse to Jakarta.

6. Warehouse facilities

- 6.1. Describe the status and measurement of the warehouse used by the company to store books received from the publishers, including the following :
 - 6.1.2. warehouse measurement : x m²
 - 6.1.3. warehouse is owned by the company
 - 6.1.4. warehouse were rented from until
- 6.2. Is the warehouse situated at the same location as the company ? If not, how far is the distance between the warehouse and the company ?

7. Services offered by the company

- 7.1. Explain in details about the services offered by the company, including :
 - 7.1.1. possibilities to get bibliographical data of books ordered in standard MARC formats which can be transfered into the computer of the Project
 - 7.1.2. possibilities to get bibliographical data of books ordered by the Indonesian university libraries according to the AACR2 standards in floppy discs respectively.

8. Experience in the export/supply of books to Indonesia

Describe the company's experience in the last three years in the export and supply of books to government institutions in Indonesia, particularly within the Ministry of Education and Culture, by filling in the following table :

Experience on the export and supply of books
to Government Institutions in Indonesia
(particularly within the Ministry of Education and Culture)

No.	Name of Govern. Institution	No./date of Contract or No. of L/C	Value of the Contract	Number of books supplied (copies)	Number of supplying publishers	Unit of destination
1	2	3	4	5	6	7

Legend :

4. value as stated in the contract mentioned in col. 3
6. State number of publishers as suppliers of books ordered through contract in col. 3

7. State the unit of destination of the books ordered.
Example : if the kontrak was signed by the Directorate General of Higher Education, then the unit of destination is the Universities or Polytechnics

*to 12 publishers
loan 3311-IND*

Ref. No. : 044/0991/CPIU/LABR

Jakarta, 19 September 1991

Msr :

Dear Sir,

The Directorate General of Higher Education have received a loan from the World Bank (IBRD Loan No. 3311-IND) for the procurement of books intended to develop the library collection of 49 Public University Libraries in Indonesia.

The procedures of the procurement will be as follows :

1. We will place our orders directly with you, but the import procedures and the delivery of books to the designated universities should be handled by a local companies dealing with library materials in Indonesia (Jakarta).
2. The contract is to consist of a main contract and several supplement-contracts. The main contract is a multiyears and open contract and titles of the books will not be stated, but the name of the publishers, the quantity of books for each subject/disciplines and the estimate value of the contract will be mentioned. The supplement-contract will state the titles, the quantity and the exact price of books to be procured.
3. We kindly ask you to issue an official Letter of Authorization which certifies the book importer as your authorized agent to supply your publications to this Project, who is also authorized to negotiate if necessary and to sign the contract on your behalf. Enclosed you will find a sample accordingly.
4. In this case we need your assistance to appoint just one book importer in Indonesia (Jakarta), who has been dealing with you for a long time, in retail as well as in World Bank/ADB Projects, and who you recommend to be as the most capable and experienced partner.
5. We will send you the list of book-orders as soon as we received your reply, which should reach us not later than **5 October 1991**.

We look forward to hearing from you and thank you very much for your kind assistance

Sincerely,

Dr. O. Simbolon
Project Director

DAFTAR NAMA PENERBIT LUAR NEGERI

1. Academic Press
Marketing Department
6277 Sea Harbor Drive
Orlando, Florida 32821
USA
2. Addison Wesley Publishing Co. Inc.
International Publishing Group
Reading - Massachusetts 01867
USA
3. Harper Collin Publisher
10 East 53rd Street
New York, NY 10022
USA
4. Butterworth
Borough Green, Sevenoaks
Kent TN15 8PH
ENGLAND Fax. 0732 - 884079
5. Elsevier Science Publishers
International Sales
Molenwerf 1, 1014 AG
P.O.Box 211 - 1000 AE Amsterdam
The Netherlands Fax 020 - 5803769
6. International Thompson Publishing
7625 Empire Drive
Florence, Kentucky 41042
USA Fax. 606 - 525 0978
7. John Wiley & Sons, Inc.
605 Third Avenue, New York
New York 10158 - 0012
USA Fax. 212-850-6088
8. MacGrawHill Books & Co.
1221 Avenue of the Americas
New York, NY 10020
USA Fax. 212-512-4871
9. MacMillan Publishing Company, Inc.
866 Third Avenue
New York, NY 10022
USA

10. Pergamon Press
Headington Hill Hall
Oxford OX3 0BW
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loan 3311-IND
2/92

SCHEDULE OF OPERATION AND MANAGEMENT OF
POLICY STUDIES/RESEARCH OF LOCAL COMPETITIVE BIDDING

ACTIVITY	DATE
Invitation for bids to eligible LCB consultants (long list) by advertisement	done
Long list obtained, then selection of short list	done
MOE and WB approval of participating consultants (short list)	done
Finalization of bidding documents Book I : Rules and Formats Book II: Terms of Reference	done
MOE and WB review and approval of bidding documents	done
Distribution of Bidding Documents and invitation to attend Clarification Meeting	26 Feb. '92
Clarification of Bidding Documents (Pre Bid Meeting)	10 - 12 March
Ammendements of Bidding Documents to be collected by consultants at CPIU	16 March
Date for Bid submission by two envelope system	15 April
Opening of Technical Proposal envelopes	12 noon 15 April
Evaluation of Technical Proposals by Selection Committee, Coordination Team and Foreign Consultant	until 15 May
MOE Approval of 3 first ranked bidders for each policy study	by 15 June
Announcement of first 3 ranked winners for each policy study in presence of all short list bidder	18 June
Negotiations of Technical and Cost proposals at place and dates to be announced (10 days)	until 30 June
MOE approval of award winners (5 studies)	15 July
Announcement of award winners by the DGHE (communicated to the World Bank)	18 July
Signing of Contract Documents	31 July

26 Feb. '92

10 - 12 March

16 March

15 April

12 noon 15 April

see QW (3)
DGHE (3)
CPIU (2-3)
until 15 May

Subadi, etc.
not symbol on

selection
David Clark

start w/ #1 in reco

if over \$200,000, must get bank prior approval

IMPLEMENTATION OF STUDIES

All will be given 18 months time to complete their assigned studies.

1 Aug. 1992 until
31 January 1994

Progress Reports to be submitted 3 monthly.
Seminar presentation of on-going studies will be done every six months during the 18 months study period. Periodical Monitoring will be done by the Coordination Team.

Final Draft submission and seminars 3 - 6 January 1994

Final Ammendements and submission of bi-lingual multiplied and bound reports by 31 January 1994

Editing of all reports to be compiled as a single report by the Coordination Team. 1 month ?

Appointment of Third Time Slice Preparation Team July 1993

Completion of First Draft of Third Time Slice plans: 30 June '94.

some
results of studies will influence
composition of next project

Daftar : Judul-judul Penelitian PSL yang disetujui
untuk dibiayai pada Tahun Anggaran 1991/1992

PSL Universitas Gadjah Mada

No.	Judul Penelitian	Nama Peneliti	Fakultas/ Bidang Ilmu	B i a y a		Keterangan
				Diusulkan	Disetujui	
1	2	3	4	5	6	7
1	Kajian Model Manajemen Perda - gangan Kayubakar Di Pedesaan Daerah Kritis.	Ir. Lilies Rahayu WF	Kehutanan	Rp. 5,000,000	Rp. 5,000,000	Diterima
2	Respon Airtanah Bebas Terhadap Hujan Pada Berbagai Satuan Bentuk Lahan Di Lereng Selatan Volkan Merapi.	Darmakusuma Dar manto, Drs.Dip. H., M.S.	Geografi	Rp. 4,725,000	Rp. 4,725,000	Diterima
3	Pengaruh Eksplorasi Airtanah Terhadap Kondisi Lingkungan Pantai Utara Jawa Tengah.	Slamet Soetanto Boedoyo Rahar- djo, Drs, MS.	Geografi	Rp. 4,820,000	Rp. 4,820,000	Diterima
4	Dampak Penggunaan Lahan Ter - hadap Timbulnya Bencana Alam Akibat Gerakan Massa Tanah Dan Bantuan di Daerah Temanggung, Jawa Tengah.	Dr. Sutikno	Geografi	Rp. 5,000,000	Rp. 5,000,000	Diterima
5	Pengembangan Usaha Tani Agrofo- restry di Kawasan Pedesaan : 1. Integrasi Tanaman Pangan Jagung Dengan Legum Pohon (Gliricidia maculata) Sebagai Pupuk Organik. (Development of Agroforestry Farming System at Rural Area : 1. Integrated Zea mays and Legume Tree (Gliricidia macu- lata) as Organic Fertilizer).	Soemitro Padmo- wijoto, Dr, M.Sc	Peternakan	Rp. 5,000,000	Rp.	Ditolak a Lingkup pen- elitian ku - rang relevan dengan LH

1	2	3	4	5	6	7
6	Polineuropati Akibat Terpapar Fenitrothion Pada Petugas Penyemprotan di Kecamatan Kokap. Kabupaten Kulonprogo Yogyakarta	Sri Sutarni Sudarmadji, dr	Kedokteran	Rp. 5,000,000	Rp.	Ditolak a,c,g
7	Daya Tampung Optimum Peternakan Pada Sistem Usahatani Agro-Silvi-Pastural (Optimum Livestock Carrying Capacity On An Agro-Silvi-Pastural Farming System).	Krishna Agung Santosa, Ir.MSc Ph.D.	Peternakan	Rp. 5,000,000	Rp.	Ditolak a
8	Identifikasi Pencemaran Vegetasi Di Daerah Istimewa Yogyakarta (The Identification of Vegetation Pollution in Yogyakarta).	Dr. Ir. Suhardi M.Sc.	Kehutanan	Rp. 5,000,000	Rp. 5,000,000	Diterima
9	Potensi Hidrologi Daerah Lereng Selatan Gunungapi Merapi Untuk Penyediaan Air Domestik.	Sudarmadji, Dr. M.Eng.Sc.	Geografi	Rp. 4,800,000	Rp. 4,800,000	Diterima
10	Aplikasi Teknik Inderaja Untuk Mitigasi Bencana Alam Dan Pemanfaatannya (Suatu Studi Kasus di DAS Waduk Gadjahmungkur, Wonogiri).	M. Pramono Hadi Drs., M.Sc.	Geografi	Rp. 5,000,000	Rp. 5,000,000	Diterima
11	Pemetaan Hujan Rancangan Pada Sistem Wilayah Sungai Kedu Selatan, Propinsi Jawa-Tengah Bagian Selatan.	Budi Sulaswono Drs.	Geografi	Rp. 4,737,250	Rp.	Ditolak a,c
12	Vitalisasi Perkampungan Kota : Kasus Kampung Cokrodirjan Yogyakarta.	Atyantio Dharoko Ir., MPhil. PhD	Teknik	Rp. 5,000,000	Rp. 5,000,000	Diterima

1	2	3	4	5	6	7
13	Penelitian Flora Pohon Hutan Fam. Dipterocarpaceae di Hutan Hujan Tropika Basah PT. Silva Gama Jambi, Sumatera (Floristic study of the Fam. Dipterocarpaceae in Tropical Rain Forest at Pt. Silva Gama, Jambi, Sumatera.	Rudjiman, Dr. Ir, MS	Kehutanan	Rp. 5,000,000	Rp.	Ditolak Tidak relevan dengan LH.
14	Studi Potensi Lansekap di Merapi-Merbabu (The Study of Landscape Potential of Merapi-Merbabu).	Ir. Ambar Kusumandari	Kehutanan	Rp. 5,000,000	Rp.	Ditolak a,c,d,i
15	Dampak Pencabutan Tumbuhan Pengganggu <i>Acacia nilotica</i> Terhadap Perubahan Struktur Dan Komposisi Jenis Vegetasi Savana Di Taman Nasional Baluran Jawa Timur.	Ir. Soewarno Hasan Bahri, MS	Kehutanan	Rp. 4,365,000	Rp. 4,365,000	Diterima
16	Penelitian Perubahan Pola Agroforestry Di Lombok Timur.	Chafid Fandeli, Ir. MS.	Kehutanan	Rp. 5,000,000	Rp. 5,000,000	Diterima
17	Study Pengembangan Wisata Alam Di Wilayah D.I. Yogyakarta.	Ir. Sri Astuti Sudjoko	Kehutanan	Rp. 5,000,000	Rp.	Ditolak b,c,d
18	Analisis Dampak Lingkungan Sosial Program Pembangunan Daerah (PDP Jawa Tengah) : studi Kasus Proyek Gaduhan Ternak.	Drs. Bambang Suniaryo, SU, MSc	Fisipol	Rp. 5,000,000	Rp. 5,000,000	Diterima
19	Eksplorasi Pendaayagunaan Teknologi Komputer Untuk Menunjang Analisis Mengenai Dampak Lingkungan (Kasus Proyek-proyek Bangunan Arsitektural).	Ir. Achmad Dju-naedi, MUP, PhD	Teknik	Rp. 5,000,000	Rp.	Ditolak a,b,h
20	Pengaruh Faktor Perilaku Petani Nelayan Dan Rancangan Beberapa Model Aquaculture Terhadap Upaya Konservasi Hutan Mangrove	Drs. Suwarno Hadisusanto, MS	Biologi	Rp. 5,000,000	Rp. 5,000,000	Diterima

1	2	3	4	5	6	7
21	Hubungan Antara Kandungan Bakteri Patogen Pada Air Cucian Dengan Perilaku Penjaja Makanan /minuman Kaki Lima Di Kota Yogyakarta.	Doeljachman Moeljohardjo, dr MPH, MSc.PH	Kedokteran	Rp. 5,000,000	Rp. 5,000,000	Diterima
22	Proyek Kali Bersih Winongo Kodya Yogyakarta.	Doeljachman Moeljohardjo, dr MPH, MSc.PH	Kedokteran	Rp. 5,000,000	Rp.	Ditolak a,c,d,f
23	Perilaku Penduduk Desa Pegunungan Dalam Mengelola Tanah Dan Tataguna Tanah.	Drs Sri Suprpto, MS	Filsafat	Rp. 5,000,000	Rp.	Ditolak a,c,d
24	Perilaku Penghuni Perumahan Susun.	Dr. Sugiyanto	Psikologi	Rp. 5,000,000	Rp.	Ditolak a,d
25	Persepsi Sosial Budaya Masyarakat mengenai Ekosistem : Kajian mengenai penanganan masalah limbah di desa Trimurti Kecamatan Srandakan Kab. Bantul.	Dr. Hari Purwanto.	Sastra/ Antropologi	Rp. 5,000,000	Rp. 5,000,000	Diterima
26	Degradasi insektisida metil pirimifos dalam lingkungan dan pemanfaatan hasil degradasinya dalam produk perikanan yang dipasarkan di DIY.	Dr. Ibnu Gholib Gandjar, Apt, DEA	Farmasi	Rp. 4,993,000	Rp. 4,993,000	Diterima
27	Polusi Asap Kendaraan Bermotor dan Vit. A : Uji in vivo terhadap tumorigenesis saluran pernafasan tikus putih.	Drh. R. Warsito M.Sc., PhD.	Ked. Hewan	Rp. 5,000,000	Rp. 5,000,000	Diterima
J U M L A H				Rp. 133,440,250	Rp. 78,703,000	

Daftar : Judul-judul Penelitian PSL yang disetujui
untuk dibiayai pada Tahun Anggaran 1991/1992

PSL Institut Pertanian Bogor

No.	Judul Penelitian	Nama Peneliti	Fakultas/ Bidang Ilmu	Biaya		Keterangan
				Diusulkan	Disetujui	
1	2	3	4	5	6	7
1	Pemantauan kondisi lingkungan fisik kebun kelapa sawit menggunakan citra spot di PTP II, sawit seberang, Sumatera Utara.	Dr. Ir. Uup S. Wiradisastra		Rp. 5,000,000		Ditolak a,b,d,h
2	Sifat lingkungan tapak (site) dari satuan lahan potensial pada daerah aliran sungai Sekampung, Lampung	Dr. Ir. Uup S. Wiradisastra		Rp. 5,000,000	Rp. 5,000,000	Diterima
3	Studi aplikasi mikoriza : kemampuan perlindungan hayati terhadap serangan patogen lodoh dan respon pertumbuhan semai pada Pinus merkusii.	Ir. Achmad	Kehutanan	Rp. 4,712,500		Ditolak a -Bukan PSL -Sektoral
4	Studi pengaruh pola penanaman terhadap perbaikan sifat tanah dan produktivitas lahan kritis.	Prof. Dr. Ir. Sarsidi S.	Pertanian	Rp. 5,834,375	Rp. 5,834,375	Diterima
5	Studi tentang kesejahteraan plasma tambak inti rakyat di Karawang, Jawa Barat.	Ir. Sunatmo S.	Perikanan	Rp. 5,500,000		Ditolak a,c,h
6	Kenyamanan kebun raya Bogor sebagai tempat rekreasi ditinjau dari segi iklim mikro dan kualitas udara.	Ir. Imam S, MS	MIPA	Rp. 5,400,000	Rp. 5,400,000	Diterima
7	Usaha pemanfaatan limbah sekam dan pemupukan nitrogen pada penanaman jagung di lahan berdrainase buruk.	Ir. Sandra Arifin A, MS.	Pertanian	Rp. 6,450,000		Ditolak Lingkup penelitian kurang relevan dengan LH.

1	2	3	4	5	5	7
8	Uji adaptasi 30 galur cabai (<i>capsicum annum L.</i>) introduksi pada lahan yang mengalami degradasi.	Ir. Sobir	Pertanian	Rp. 5,000,000		Ditolak a,h,i -Bukan PSL
9	Pengembangan IC LM-335 Z untuk pengukuran profil suhu tanah dalam kaitannya dengan emisi metana dari lahan sawah.	Dr.Ir. Daniel M	MIPA	Rp. 7,100,000	Rp. 7,100,000	Diterima
10	Pemantauan penggunaan lahan menggunakan teknik inderaja dan sistem informasi geografi di daerah Bekasi.	Dr. Ir. Uup Wiradisastra		Rp. 5,000,000		Ditolak a,b,c,d,j
11	Evaluasi penerapan konsep Land System pada pemetaan skala 1 : 250.000 menurut RePPPProT dan LREP di Kabupaten Bangka.	Dr. Ir. Uup Wiradisastra		Rp. 5,000,000		Ditolak a,b,h
12	Studi Bio-ekologi Keong Murbei <i>Pomacea sp.</i>	Ir. Pong S, MSc	Perikanan	Rp. 5,000,000	Rp. 5,000,000	Diterima
J U M L A H				Rp. 64,996,875	Rp. 28,334,375	

Daftar : Judul-judul Penelitian PSL yang disetujui
untuk dibiayai pada Tahun Anggaran 1991/1992

PSL Institut Teknologi Sepuluh Nopember

No.	Judul Penelitian	Nama Peneliti	Fakultas/ Bidang Ilmu	B i a y a		Keterangan
				Diusulkan	Disetujui	
1	2	3	4	5	6	7
1	Penurunan BOD limbah cair dan penyerap debu pabrik gula.	Ir. Muharto, MS	FTI	Rp. 5,000,000	Rp. 5,000,000	Diterima
2	Perbaikan permukiman dan kondisi lingkungan di daerah pusat perdagangan Surabaya.	Dr. Ir. Happy R Santosa, MSc.	FTSP	Rp. 5,000,000		Ditolak a,d,g
3	Analisis kualitas air laut di sekitar pantai Kenjeran Surabaya sebagai sarana rekreasi, dengan menggunakan konsep indikator pencemar Biologis.	Dra. Enny Z.	FMIPA	Rp. 5,000,000		Ditolak c,j
4	Pemantauan pencemaran lingkungan perairan pantai timur Surabaya dengan metode analisis struktur komunikasi plankton.	Dra. Nurlita A.	FMIPA	Rp. 4,000,000	Rp. 4,000,000	Diterima
5	Menentukan salah satu indikator mikroba air untuk dengan cepat dapat melihat derajat pencemaran kali Surabaya.	Ir. Sonny S, MS	TSP	Rp. 4,975,000	Rp. 4,975,000	Diterima
6	Pencemaran pantai dan delta di sekitar kali Wonokromo dan pantai timur Surabaya.	Ir. Nadjadji Anwar, MSc.	TSP	Rp. 4,925,000		Ditolak c,d,f,g
7	Studi tentang pembuangan limbah RT ke sungai Brantas Jawa Timur tahap I.	Drs. I Nyoman L, MS	MIPA	Rp. 5,000,000		Ditolak a,c,d,h
8	Pembangunan dan tata ruang sepanjang sungai brantas daerah hulu.	Ir. Eko Budi S	TSP	Rp. 20,000,000		Ditolak a,b,c,d,g,h

1	2	3	4	5	6	7
9	Ekologi Kemiskinan	Dra. Dwi Prapti Sri M, MS		Rp. 4,000,000		Ditolak
10	Penelitian terhadap dampak perluasan kegiatan industri pada usaha tani di lingkungan perairan pantai timur Surabaya.	Ir. Sri Nurhartika.	MIPA	Rp. 3,890,000	Rp. 3,890,000	Diterima
11	Pengaruh VFA mula-mula terhadap reaksi pembentukan VFA pada BCCV dilot plant gasbio ITS.	Ir. Heru S	FTI	Rp. 5,000,000		Ditolak c,d,g
12	Studi pengaruh SVI terhadap unjuk kerja BCCV Sdan separator di pilot plant gasbio ITS.	Ir. Musfil A.S. M.Eng.Sc.	FTI	Rp. 5,000,000		Ditolak a,b,c,d,g,h
13	Kinetika reaksi methanogenesis dalam pembentukan gas methan di MUR pada pilot plant gas bio ITS.	Ir. Arief Widjaja	FTI	Rp. 5,000,000		Ditolak b,c,d,g
14	Pengaruh harga VFA/COD awal terhadap reaksi pembentukan gas methan pada pilot plant gas bio ITS.	Ir. Ignatius G	FTI	Rp. 5,000,000		Ditolak a,b,c,d,g,h
15	Penentuan parameter kinetika tahap methan upflow reactor MUR	Dr. Ir. Nonot. S, M. Eng.	FTI	Rp. 4,996,000	Rp. 4,996,000	Diterima
16	Studi pengaruh recycle ratio terhadap harga VFA alkalinitas MLUSS dan COD di MUR pada pilot plant gas bio ITS.	Ir. Judjono S.	FTI	Rp. 5,000,000		Ditolak a,b,c,d,g,h
17	Distribusi mikroba di MUR pada pilot plant gas bio ITS.	Ir. Tontowi I, MS.	FTI	Rp. 5,000,000		Ditolak b,c,d,g
18	Pengaruh beban umpan terhadap unjuk kerja methan upflow reactor (MUR) di pilot plant gasbio ITS.	Ir. Gede Wibawa	FTI	Rp. 5,000,000	Rp. 5,000,000	Diterima

1	2	3	4	5	6	7
19	Pengaruh perubahan UFA terhadap reaksi COD dan produksi gas pada methan upflow reactor di pilot plant gasbio ITS.	Ir. Tri Widjaja	FTI	Rp. 5,000,000		Ditolak b,c,d,g
20	Adsorption of pulp effluent use bed and regeneration system.	Ir. Lily P.	FTI	Rp. 5,000,000	Rp. 5,000,000	Diterima
J U M L A H				Rp. 111,786,000	Rp. 32,861,000	

Daftar : Judul-judul Penelitian PSL yang disetujui
 untuk dibiayai pada Tahun Anggaran 1991/1992

PSL Institut Teknologi Bandung

No.	Judul Penelitian	Nama Peneliti	Fakultas/ Bidang Ilmu	B i a y a		Keterangan
				Diusulkan	Disetujui	
1	2	3	4	5	6	7
1	Pemanfaatan buangan industri sebagai bahan baku pada industri konstruksi dan industri keramik dalam konsep pembangunan berkelanjutan.	Ir. Islah Arif Rasad		Rp. 5,332,000	Rp. 5,332,000	Diterima
2	Pengolahan sampah secara individual dan kajian potensi enersi yang dikandungnya.	Dr. Ir. Enri Damanhuri	Teknik Sipil	Rp. 4,335,000	Rp. 4,335,000	Diterima
J U M L A H				Rp. 9,667,000	Rp. 9,667,000	

Daftar : Judul-judul Penelitian PSL yang disetujui
untuk dibiayai pada Tahun Anggaran 1991/1992

PSL Universitas Indonesia

No.	Judul Penelitian	Nama Peneliti	Fakultas/ Bidang Ilmu	B i a y a		Keterangan
				Diusulkan	Disetujui	
1	2	3	4	5	6	7
1	Studi Mengenai Kesehatan Masyarakat Dan Kesehatan Lingkungan Di Daerah Pemukiman Kumuh Di Wilayah DKI Jakarta.	Dr. Haryoto K. Drh. Akmal Hadi SKM., DR, PH	Kesehatan	Rp. 6,500,000	Rp. 6,500,000	Diterima
②	Sarana Penyediaan Air Bersih Dalam Hubungannya Dengan Penyakit Diare & Kulit Para Pemulung Di Pemukiman Sekitar Lokasi Pemusnahan Akhir Sampah Di Kel. Semper, Jakarta Utara.	Dr. Haryoto K. AKM, DR, PH Drs. Ridwan Sjaaf, MPH	Kesehatan	Rp. 6,500,000	Rp. 6,500,000	Diterima
3	Studi Pemanfaatan Zeolit Untuk Pengelolaan Air Limbah Domestik Dalam Rangka Penanggulangan Pencemaran Lingkungan Di Jakarta.	Dr. Haryoto K. AKM, DR, PH		Rp. 7,000,000		Ditolak a,f,j
4	Study on The Efficacy And Effectiveness Of Granular Activated Carbon (Coconut Shells) As Adsorbent In Reducing Organic Compounds In Domestic Effluent In Jakarta.	Haryoto H, MD, Dr. PH Drs. Naxiti Karlamsyah		Rp. 7,000,000	Rp. 7,000,000	Diterima
5	Pola Perilaku Anak-anak Putus Sekolah Dalam Memanfaatkan Waktu-waktu luang yang ada.	Suyoko, SH		Rp. 5,335,000		Ditolak a,c,d
6	Faktor-faktor internal dan eksternal yang berpengaruh terhadap peran serta penyandang cacat tubuh dalam proses pembangunan.	Suyoko, SH		Rp. 5,335,000		Ditolak a,c,d

1	2	3	4	5	5	7
7	Pengelolaan Limbah Laboratorium Di Kampus Depok UI.	Ir. Ny. Rukmiyati W Soem-S, MS	Teknik	Rp. 5,825,000	Rp. 5,825,000	Diterima
8	The influence of accessibility on the residential Land use in area along Ciliwung Jakarta.	Dra. Sri Lasmi-dja Diponegoro	Geografi	Rp. 8,550,000		Ditolak c, f
9	Model penyebaran gas buang dari suatu cerobong asap pabrik (Dispersion Model for Exhaust gas from a stack in a plant).	Ir Mahmud S, MS		Rp. 5,400,000		Ditolak a, c, d, f, g, j
10	Determination of haloorganic compounds of Ciliwung river at Jakarta's Stream.	Drs. A. Rahman		Rp. 5,000,000	Rp. 5,000,000	Diterima
11	Perkembangan industri di pinggiran DKI Jakarta.	Drs. Sugeng R, MS		Rp. 5,035,000	Rp. 5,035,000	Diterima
12	Studi pengetahuan sikap dan perilaku terhadap lingkungan para Ibu di daerah kumuh Jakarta.	Dra. Corrie M., SKM, MSc, PhD.	Kedokteran	Rp. 4,940,000	Rp. 4,940,000	Diterima
13	Model penyebaran keluaran air limbah di sungai.	Ir. Atastina SB MS	Teknik	Rp. 5,000,000	Rp. 5,000,000	Diterima
14	Penanganan limbah gas NOx pada pabrik pembuatan asam nitrat menggunakan Low-waste technology.	Dipl. Ing. R.W. Afiat.	Teknik	Rp. 5,000,000		Ditolak a, c, g, j
15	Kualitas air tanah dangkal di DKI Jakarta. Kasus : Perumnas Kelender.	Ir. Supriadi		Rp. 7,145,000		Ditolak a, b, c, d, f
16	Kandungan Pb pada tiga jenis tanaman sayur di daerah DKI Jakarta.	Dra. Lestari R. K.M.Sc.	MIPA	Rp. 5,555,000	Rp. 5,555,000	Diterima
17	Faktor-faktor yang mempengaruhi tingkah laku penduduk di daerah kumuh kota Jakarta dalam pengelolaan limbah domestik.	Dr. Agustin K <i>Dr. Rita D.</i> <i>Mayanti, MPH</i>	Kesehatan	Rp. 5,000,000	Rp. 5,000,000	Diterima

1	2	3	4	5	5	7
18	Sumber dan kualitas air yang dipergunakan penduduk di tepi sungai Ciliwung di kota Jakarta untuk kehidupan sehari-hari.	Dr. Agustin K	Kesehatan	Rp. 5,650,000	Rp. 5,650,000	Diterima
19	Penghilangan logam berat merkuri menggunakan rambut/bulu sebagai resin penukar ion.	Ir. Sukirno	Teknik	Rp. 7,350,000	Rp. 7,350,000	Diterima
20	A Baseline Study of Mercury in Fish and Sediments from sungai Ciliwung, Jakarta.	Drs. Sunarya W.		Rp. 5,800,000	Rp. 5,800,000	Diterima
21	Lumut kerak (Lichenes) sebagai Bio indikator pencemaran Udara oleh Belerang.	Dra. Handari DW		Rp. 6,750,000	Rp. 6,750,000	Diterima
22	Faktor-faktor personal dan sosial yang mempengaruhi intensi kaum ibu dalam pemeliharaan kebersihan lingkungan.	Dra. Istiqomah Wibowo		Rp. 5,450,000	Rp. 5,450,000	Diterima
✓ 23	Correlation Between The Distribution Of Epiphytic Lichens And The Mean Sulfur Levels Content. An easily/practically tool to estimate the air quality.	Haryoto Kusnopranto, MD, Dr.PH. <i>Dr. Suyud Wario Utomo</i>		Rp. 6,745,000	Rp. 6,745,000	Diterima
24	Pranata yang menunjang Ciliwung Bersih.	Mochhamad Ramdhan, SPsi.		Rp. 5,500,000		Ditolak a,c,d
25	Pertimbangan sosial dalam menentukan lokasi MCK.	Mochhamad Ramdhan, SPsi.		Rp. 5,800,000		Ditolak a,c,d
J U M L A H				Rp. 149,165,000	Rp. 94,100,000	

Daftar : Judul-judul Penelitian PSL yang disetujui
untuk dibiayai pada Tahun Anggaran 1991/1992

PSL Universitas Andalas

No.	Judul Penelitian	Nama Peneliti	Fakultas/ Bidang Ilmu	B i a y a		Keterangan
				Diusulkan	Disetujui	
1	2	3	4	5	6	7
1	Usaha tahu dan tempe di Kodya Padang serta dampak terhadap lingkungan di lokasinya.	Ir Zuraida Zuki	Pertanian	Rp. 4,800,000	Rp. 4,800,000	Diterima
2	Distribusi bakteri patogen dan telur cacing parasit di perkampungan kumuh (Malvinas) Kota Madya Padang.	Drs. Masril A, MS.	MIPA	Rp. 5,620,000	Rp. 5,620,000	Diterima
3	Penanggulangan keracunan besi (Fe) & mangan (Mn) pada sawah proyek irigasi pompanisasi Sumani.	Ir Burhanuddin, SU.	Pertanian	Rp. 4,930,000		Ditolak d,e,f,h,j
4	Survey habitat dan populasi burung belibis (<i>Dendrocygna javanica</i>).	Drs. Jafnir	MIPA	Rp. 5,080,000	Rp. 5,080,000	Diterima
5	Deteksi pencemaran air sumur di komplek perumahan baru (KPR) di Kotamadya Padang.	Ir. Ardi, MSc	Pertanian	Rp. 4,975,000	Rp. 4,975,000	Diterima
6	Kajian potensi agroekologi dari segi fisika tanah dan keseimbangan lahan kritis daerah tangkapan air (DTA) Singkarak Sum-Bar.	Dr.Ir. Bujang Rusman, MS.	Pertanian	Rp. 5,000,000	Rp. 5,000,000	Diterima
7	Aplikasi pestisida oleh petani tanaman sayuran dan pengaruhnya terhadap lingkungan di Sumatera Barat.	Ir. Zainul B Kiman, MSc.	Pertanian	Rp. 5,000,000		Ditolak a,c,d,h

1	2	3	4	5	5	7
8	Pengaruh sampingan pestisida dalam tanah terhadap kesibukan mikroorganisme berguna di sekitar perakaran dan hasil kedelai.	Prof. Dr. Ir. Mardinus	Pertanian	Rp. 3,550,000	Rp. 3,550,000	Diterima
J U M L A H				Rp. 38,955,000	Rp. 29,025,000	

Daftar : Judul-judul Penelitian PSL yang disetujui
 untuk dibiayai pada Tahun Anggaran 1991/1992

PSL Universitas Nusa Cendana

No.	Judul Penelitian	Nama Peneliti	Fakultas/ Bidang Ilmu	B i a y a		Keterangan
				Diusulkan	Disetujui	
1	2	3	4	5	6	7
1	Studi inventarisasi tanaman Ampudu (<i>Eucalyptus Uruphylla</i>) di daerah hutan Gunung Mutis Kecamatan Molo Utara Kabupaten Timor Tengah Selatan.	Ir. Syahrul Anwar Adjam, MS	Peternakan	Rp. 5,000,000		Ditolak a,c,j
2	Kajian asosiasi anakan cendana dengan tumbuhan lain pada lingkungan tumbuhan alam di Timor.	Ir. Welhelmus I.I. Mella, MSc	Pertanian	Rp. 5,000,000	Rp. 5,000,000	Diterima
3	Penanganan sampah kawasan umum dan rumah tangga di Kota Kupang dan sekitarnya.	Drs. Yan Rafael MS.	Pertanian	Rp. 5,000,000	Rp. 5,000,000	Diterima
J U M L A H				Rp. 15,000,000	Rp. 10,000,000	

Daftar : Judul-judul Penelitian PSL yang disetujui
 untuk dibiayai pada Tahun Anggaran 1991/1992

PSL Universitas Diponegoro

No.	Judul Penelitian	Nama Peneliti	Fakultas/ Bidang Ilmu	Biaya		Keterangan
				Diusulkan	Disetujui	
1	2	3	4	5	6	7
1	Pengaruh Pencemaran Udara Oleh Debu Terhadap Kapasitas Fungsi Paru Anak Sekolah Dasar Di Kotamadya Semarang.	dr. Soetomo	Kedokteran	Rp. 5,000,000	Rp. 5,000,000	Diterima
2	Identifikasi Pengaruh Pemukiman Padat Terhadap Kehidupan Di lingkungan Kota.	Ir Djoko S, MSP	Teknik	Rp. 4,975,000	Rp. 4,975,000	Diterima
3	Pengaruh Perluasan Pemukiman Terhadap Banjir Di Semarang (Housing Expansion Impact to the Inundation in Semarang).	Ir Parfi K, MS	Teknik	Rp. 5,000,000	Rp. 5,000,000	Diterima
4	Kualitas Lingkungan Pada Lima Jalan Utama Di Kotamadia Semarang : Studi Penghijauan Jalan Untuk Mengatasi Krisis Lingkungan Perkotaan.	Ir. Irina Mildawani.	Teknik	Rp. 5,000,000	Rp. 5,000,000	Diterima
5	Daya Dukung Lingkungan Pada Tiga Kawasan Ekosistem Di Kotamadia Semarang	dr. Eko S. K	Kedokteran	Rp. 5,000,000	Rp. 5,000,000	Diterima
6	Masalah Peraturan Tata Ruang Dalam Pelaksanaan Pembangunan Lingkungan Perumahan/Permukiman Di Kotamadya Semarang Dari Segi Analisis Mengenai Dampak Lingkungan (Amdal).	Septrianto B.H SH	Hukum	Rp. 5,000,000	Rp. 5,000,000	Diterima

1	2	3	4	5	6	7
7	Pengaruh Lanjut Limbah Pulp Pabrik Kertas Blabak Terhadap Ikan Mas (<i>Cyprinus carpio</i> , L.)	Drs. Mustofa Nitisuparja	Peternakan/ Biologi	Rp. 5,210,000	Rp. 5,210,000	Diterima
8	Evaluasi Plasma Nutfah Kuda Lokal Dalam Rangka Konservasi, Di Jawa Tengah.	Drs. Mustofa Nitisuparja	Peternakan/ Biologi	Rp. 5,000,000		Ditolak a,j
9	Kerugian Energi Pada Pola Pancaran Daya Gelombang Radio Frekuensi Tinggi.	Dr. Ir. Supriharyono, MS	Peternakan/ Perikanan	Rp. 9,995,000		Ditolak b,c,d,j
10	Analisa Potensi Dan Populasi Sapi Potong Ditinjau Dari Keseimbangan Terhadap Lingkungan Di Kabupaten Semarang.	Dr. Ir. Sri Wuwuh, MSc	Peternakan	Rp. 5,000,000		Ditolak a,b,d
11	Evaluasi Cemar Kuman Pada Es Krim Buatan Perusahaan-perusahaan Di Daerah Dati II, Kotamadya Semarang.	Ir. Kusrahayu, MSc.	Peternakan	Rp. 5,000,000	Rp. 5,000,000	Diterima
12	Pemanfaatan Limbah Padat (Blotong) Industri Gula Untuk Sumber Pakan Ruminansia.	Dr. Ir. Didiek Rahmadi, MS	Peternakan	Rp. 5,000,000	Rp. 5,000,000	Diterima
13	Persepsi dan Partisipasi Masyarakat Ekonomi Lemah (Miskin) Terhadap Pengelolaan Lingkungan Pemukiman.	Drs. Edi Santosa, SU	FISIP	Rp. 5,000,000		Ditolak a,c,d,h
J U M L A H				Rp. 70,180,000	Rp. 45,185,000	

Daftar : Judul-judul Penelitian PSL yang disetujui
untuk dibiayai pada Tahun Anggaran 1991/1992

PSL Universitas Hasanuddin

No.	Judul Penelitian	Nama Peneliti	Fakultas/ Bidang Ilmu	B i a y a		Keterangan
				Diusulkan	Disetujui	
1	2	3	4	5	6	7
1	Dampak pembangunan terhadap ekologi dan pengelolaan perikanan pantai di Ujung Pandang. Development Impact In Ecology And Management Of Coastal Fishery Resources In Ujung Pandang	Dr. Ir. H.M. Natsir Nessa, MS		Rp. 7,790,000	Rp. 7,790,000	Diterima
2	Dampak pembangunan kawasan pantai Ujung Pandang terhadap usaha penangkapan ikan di laut. Ujung Pandang Coastal Region Development Impact On Fishing Activity.	Ir. H. Achmad S		Rp. 5,000,000	Rp. 5,000,000	Diterima
3	Pemantauan bahan pencemar kawasan pantai Ujung Pandang. Pollution Monitoring In Ujung Pandang Coastal Area.	Dr. Ambo Upe		Rp. 6,180,000	Rp. 6,180,000	Diterima
4	Dampak kegiatan manusia pada daerah terumbu karang kepulauan spermonde Sulawesi Selatan.	Drs. Willem M, MSc.		Rp. 950,000		Ditolak a,c,d
5	Studi komunitas tumbuhan dan kemungkinan revegetasi di pantai muara sungai Jeneberang dan sekitarnya. Study on plant communities and their possibility for refegetation in Jeneberang delta, South Sulawesi.	Dr. Baharuddin Nurkin		Rp. 7,515,000	Rp. 7,515,000	Diterima

1	2	3	4	5	5	7
6	Kajian dampak pembangunan terhadap sistem sosial ekonomi kawasan pantai Ujung Pandang. (Study on the impact of development on the social-economic system at coastal areas, Ujung Pandang).	Ir. Nazaruddin LO, MS	Pertanian	Rp. 5,000,000	Rp. 5,000,000	Diterima
7	Kajian dampak pembangunan terhadap lingkungan kawasan pantai Ujung Pandang : penggunaan metode RenOp.	Dr. Ir. Rusdian Lubis		Rp. 5,560,000	Rp. 5,560,000	Diterima
8	Kajian dampak industri terhadap lingkungan kawasan pantai Ujung Pandang. Study on the industrial impact on coastal areas environment in Ujung Pandang.	Dr. Ambo Upe		Rp. 5,000,000	Rp. 5,000,000	Diterima
9	Persepsi masyarakat Kotamadya Ujung Pandang terhadap kualitas lingkungan pemukiman.	Dr. Ir. Rusdian Lubis		Rp. 5,130,000		Ditolak a,c,d
10	Pengaruh pembuangan limbah cair terhadap kandungan mikroba pencemar pada perairan pantai Losari Kotamadya Ujung Pandang.	Drs. Guntur Y.		Rp. 5,100,000	Rp. 5,100,000	Diterima
11	Analisis biaya lingkungan pengembangan tambak di Sulawesi Selatan. Environmental cost analysis of shrimp pond development in South Sulawesi.	Ir. Jopie Lumendong		Rp. 5,000,000	Rp. 5,000,000	Diterima

1	2	3	4	5	5	7
12	Lingkungan pemukiman masyarakat nelayan (studi kasus di Tallo dan Cambaya Kotamadya Ujung Pandang). The residence environment the fisher man community (A case study in Tall and Cambaya Kotamadya Ujung Pandang).	Bahaking Rama		Rp. 5,010,000		Ditolak a,c,f
13	Beberapa aspek kesehatan masyarakat lingkungan pada pemukiman kawasan pantai Ujung Pandang. Some aspects of public-environmental health in Ujung Pandang coastal settlements.	drh. Dyah S.	Kesehatan	Rp. 5,070,000	Rp. 5,070,000	Diterima
14	Kajian pendahuluan tentang dampak pengendalian hama terpadu di Sulawesi Selatan.	Ir. Adri Said	Pertanian	Rp. 5,695,000	Rp. 5,695,000	Diterima
J U M L A H				Rp. 74,000,000	Rp. 62,910,000	

Daftar : Judul-judul Penelitian PSL yang disetujui
 untuk dibiayai pada Tahun Anggaran 1991/1992

PSL Universitas Brawijaya

No.	Judul Penelitian	Nama Peneliti	Fakultas/ Bidang Ilmu	B i a y a		Keterangan
				Diusulkan	Disetujui	
1	2	3	4	5	6	7
1	Kualitas udara di Kotamadya Malang.	Drs. Setijono Samino, MS	MIPA	Rp. 7,937,000	Rp. 7,937,000	Diterima
J U M L A H				Rp. 7,937,000	Rp. 7,937,000	

Daftar : Judul-judul Penelitian PSL yang disetujui
 untuk dibiayai pada Tahun Anggaran 1991/1992

PSL Universitas Lampung

No.	Judul Penelitian	Nama Peneliti	Fakultas/ Bidang Ilmu	B i a y a		Keterangan
				Diusulkan	Disetujui	
1	2	3	4	5	6	7
1	Kondisi lingkungan sosial budaya tampung waduk Way Rarem di Kabupaten Lampung Utara Tahun 1991.	Drs. M. Toha B. Sampurna Jaya, MS		Rp. 4,000,000	Rp. 4,000,000	Diterima
2	Pengembangan fungsi dan parawisata Dam Way Rarem Lampung Utara.	Ir. Suarno Sadar, MS		Rp. 2,475,000		Ditolak a,c,d
3	Kondisi perairan dan biota air di daerah tampung aliran sungai Rarem, Kotabumi, Lampung Utara.	Dra. Sri M, MSc	MIPA	Rp. 4,184,250	Rp. 4,184,250	Diterima
4	Kondisi hutan daerah tampung aliran sungai Rarem Lampung Utara.	Ir. Sugeng P Harianto, MS	Pertanian	Rp. 4,635,000	Rp. 4,635,000	Diterima
J U M L A H				Rp. 15,294,250	Rp. 12,819,250	

Daftar : Judul-judul Penelitian PSL yang disetujui
 untuk dibiayai pada Tahun Anggaran 1991/1992

PSL Universitas Lambung Mankurat

No.	Judul Penelitian	Nama Peneliti	Fakultas/ Bidang Ilmu	B i a y a		Keterangan
				Diusulkan	Disetujui	
1	2	3	4	5	6	7
1	Analisis Lingkungan Perairan di Pinggiran Kotamadya Banjarmasin	Ir. Yus'a A, MS	Perikanan	Rp. 5,030,000	Rp. 5,030,000	Diterima
2	Dinamika Masyarakat Di Kawasan DAS Riam Kanan. (Studi Tentang Persepsi, Sikap, dan Perilakunya Dalam Pembinaan dan Pengembangan Lingkungan DAS)	Drs. Muslih	Fisip	Rp. 5,200,000		Ditolak a,c,d,e
3	Pemanfaatan Air Limbah Karet PT Perkebunan XVIII Kebun Danau Salak Martapura Sebelum dan Sesudah Pengolahan Secara Hayati Untuk Budidaya Ikan Tombro (<i>Cyprinus carpio</i>) dan Ikan Nila (<i>Tilapia nilotica</i>).	Dra. Tri A. Afrikani, MS	Perikanan	Rp. 5,000,000	Rp. 5,000,000	Diterima
4	Keanekaragaman Zoobenthos Dan Plankton Dalam Lagoon Sistem Pengolahan Limbah Cair Pabrik Sheet Dan Brown Crepe PTP XVIII Kebun Danau Salak.	Ir. Gt. Chai - ruddin.	Perikanan	Rp. 5,000,000	Rp. 5,000,000	Diterima
5	Pengaruh Limbah Cair Prosesing Latek Dan Mas Inkubasi Terhadap Sifat Fisik Kimia Tanah Podsolik di Kecamatan Simpang Empat Kabupaten Banjar.	Ir. Muhammad Rasmadi, MS	Pertanian	Rp. 5,000,000	Rp. 5,000,000	Diterima
6	Studi Kelimpahan dan Keanekaragaman Jenis Serangga Yang Terhadap Pada 5 Ekosistem Perseawahan Yang Berbeda Di Kalimantan Selatan.	Ir. Antar S.	Pertanian	Rp. 5,000,000	Rp. 5,000,000	Diterima

1	2	3	4	5	5	7
7	Pengukuran Kehilangan Dan Kebutuhan Air Pertanaman Padi Sawah Di Daerah Irigasi Telaga Langsat Kalimantan Selatan.	Ir. Hamberan Djunaedi, SU	Pertanian	Rp. 5,000,000	Rp. 5,000,000	Diterima
8	Struktur Pendapatan Dan Pola Usaha Serta Distribusi Tenaga Kerja Masyarakat Dan Hubungannya Dengan Partisipasi Dalam Konservasi Lahan pada DAS Riam Kanan.	Ir. Parluhutan Dolok S, MS	Pertanian	Rp. 5,000,000	Rp. 5,000,000	Diterima
9	Dampak Kualitas Lingkungan Fisika Kimia Dan Biotika Air Untuk Kehidupan Masyarakat Di Enam Kabupaten Wilayah Aliran Sungai Kalimantan Selatan.	Ir. Syaiful Anwan M, SU	Perikanan	Rp. 5,040,000	Rp. 5,040,000	Diterima
10	Penelitian Sikap Pedagang Kecil Terhadap Upaya Penyehatan Lingkungan Untuk Bebas Diare Di Sekitar Komplek SDN Kotamadya Banjarmasin.	Drs. Mahlan Saman	FKIP	Rp. 4,150,000		Usul Tidak ada
J U M L A H				Rp. 49,420,000	Rp. 40,070,000	

Daftar : Judul-judul Penelitian PSL yang disetujui
 untuk dibiayai pada Tahun Anggaran 1991/1992

PSL Universitas Mulawarman

No.	Judul Penelitian	Nama Peneliti	Fakultas/ Bidang Ilmu	B i a y a		Keterangan
				Diusulkan	Disetujui	
1	2	3	4	5	6	7
1	Pengaruh kepadatan penduduk yang bermukim di tepi sungai, yang terindikasi pada nilai dua parameter pencemaran perairan.	Ir. Asfie Maidie	Pertanian	Rp. 4,238,000	Rp. 4,238,000	Diterima
2	Taraf adopsi masyarakat tani terhadap usaha pertanian menetap.	Ir. Dayang Diah Fidhiani, MS	Pertanian	Rp. 6,775,000	Rp. 6,775,000	Diterima
3	Studi tentang pengelolaan sampah di Kota Madya Samarinda Kalimantan Timur.	Drs. Ichrar A, MS	Keguruan & Ilmu Pendidikan	Rp. 5,000,000	Rp. 5,000,000	Diterima
4	Perubahan histopatologik beberapa jenis ikan laut yang tercemar secara kronik oleh fraksi minyak dari "Oil Refinery" di Teluk Balikpapan.	Drs. Sudardja, SU		Rp. 5,087,500	Rp. 5,087,500	Diterima
J U M L A H				Rp. 21,100,500	Rp. 21,100,500	

Daftar : Judul-judul Penelitian PSL yang disetujui
untuk dibiayai pada Tahun Anggaran 1991/1992

PSL Universitas Padjadjaran

No.	Judul Penelitian	Nama Peneliti	Fakultas/ Bidang Ilmu	B i a y a		Keterangan
				Diusulkan	Disetujui	
1	2	3	4	5	6	7
1	Penelitian Ekologi Burung di kota Bandung dan sekitarnya dalam menunjang meningkatkan kualitas lingkungan hidup di kota.	Drs. Johan Iskandar, MSc.		Rp. 5,000,000		Ditolak c
2	Pengujian kualitas metoda pengukuran polutan Nitrogen Dioksida (NO ₂) secara pasif menggunakan model simulasi di laboratorium.	Dr. Nani Djuangsih.		Rp. 5,000,000	Rp. 5,000,000	Diterima
3	Ekologi dan tingkah laku kera (Macaca Fascicularis) di taman Hutan Raya Ir. H. Juanda.	Dr. Yayat Ruchiyat		Rp. 5,000,000	Rp. 5,000,000	Diterima
4	Akumulasi radiokrom Cr-51 dan pengaruhnya terhadap pertumbuhan tanaman padi (Oryza sativa L. Kultivar IR-64	Dr. Lien Rosalina		Rp. 5,000,000	Rp. 5,000,000	Diterima
5	Studi pengelolaan sutra alam di proyek sutra alam Regaloh Pati Perhutani Propinsi Jawa Tengah.	Ir. I Kusnadi Wikarta		Rp. 5,000,000		Ditolak b,c,d,h
6	Ekolagi perairan Bandung Curug Karawang (Jawa Barat).	Drs. Yayat Dhahiyat, MS		Rp. 5,000,000	Rp. 5,000,000	Diterima
7	Kualitas udara Nitrogen Dioksida di Kota Bandung.	Drs. Solehudin		Rp. 5,000,000	Rp. 5,000,000	Diterima

1	2	3	4	5	6	7
8	Respon masyarakat petani terhadap KB Mandiri di Kabupaten Sumedang Jawa Barat			Rp. 5,000,000	Rp. 5,000,000	Diterima
J U M L A H				Rp. 40,000,000	Rp. 30,000,000	

Daftar : Judul-judul Penelitian PSL yang disetujui
 untuk dibiayai pada Tahun Anggaran 1991/1992

PSL Universitas Palangka Raya

No.	Judul Penelitian	Nama Peneliti	Fakultas/ Bidang Ilmu	B i a y a		Keterangan
				Diusulkan	Disetujui	
1	2	3	4	5	6	7
1	Studi kualitas limbah cair industri di sungai Kapuas Kabupaten Kapuas, Propinsi Kalimantan Tengah (Industrial liquid waste quality study on the river Kapuas in Kapuas region, Central Kalimantan Province).	Ir. Yansen Noky		Rp. 5,000,000	Rp. 5,000,000	Diterima
J U M L A H				Rp. 5,000,000	Rp. 5,000,000	

Daftar : Judul-judul Penelitian PSL yang disetujui
 untuk dibiayai pada Tahun Anggaran 1991/1992

PSL Universitas Jenderal Soedirman

No.	Judul Penelitian	Nama Peneliti	Fakultas/ Bidang Ilmu	B i a y a		Keterangan
				Diusulkan	Disetujui	
1	2	3	4	5	6	7
1	Analisis dampak limbah tapioka terhadap kualitas air sungai Ciporos Kabupaten Dati II Cilacap. (Impact analysis of tapioka effluent on the water quality of Ciporos river).	Prof. Drs. Sanusi Marto- digdo	Biologi	Rp. 5,000,000	Rp. 5,000,000	Diterima
2	Dampak alih guna lahan pertanian terhadap konversi air. (Suatu studi kasus di Kota Administratif Purwokerto dan sekitarnya).	Ir. Muctar D.	Pertanian	Rp. 5,000,000	Rp. 5,000,000	Diterima
3	Pengaruh bantuan sarana air bersih terhadap kesejahteraan masyarakat desa-desa Kabupaten Cilacap.	Ir. Siswono A.	Peternakan	Rp. 5,000,000	Rp. 5,000,000	Diterima
J U M L A H				Rp. 15,000,000	Rp. 15,000,000	

Daftar : Judul-judul Penelitian PSL yang disetujui
untuk dibiayai pada Tahun Anggaran 1991/1992

PSL Universitas Sriwijaya

No.	Judul Penelitian	Nama Peneliti	Fakultas/ Bidang Ilmu	B i a y a		Keterangan
				Diusulkan	Disetujui	
1	2	3	4	5	6	7
1	Kaitan antara kesadaran lingkungan dengan faktor-faktor idiografis : suatu studi antropologis pada 4 Kampung di Kotamadya Palembang.	Drs. Ichtiar H. K., M.Ed.		Rp. 4,503,750	Rp. 4,503,750	Diterima
2	Studi tingkat pencemaran air di parit-parit melalui penelaahan kandungan zat pencemar dan keadaan biota air pada beberapa lokasi pemukiman Kotamadya Palembang.	Ir. Dullah Tambasm Dkk.	Pertanian	Rp. 5,000,000	Rp. 5,000,000	Diterima
3	Studi tingkat pencemaran udara Kota Palembang dengan menggunakan lumut kerak (lichenes) sebagai indikator.	Ir. Nurhayati	Pertanian	Rp. 5,000,000	Rp. 5,000,000	Diterima
4	Studi perubahan kualitas lingkungan fisik dan kimia lahan pertanian pasang surut di kawasan pantai timur Sumatera Selatan.	Ir. Yaswan Karrimuddin, MS	Pertanian	Rp. 5,000,000	Rp. 5,000,000	Diterima
5	Peran serta masyarakat terhadap pelestarian hutan di Kecamatan Rawas Hulu Kabupaten Musi Rawas	Amrullah Arpan, SH., SU.	Hukum	Rp. 4,800,000		Ditolak a,b,c,d
6	Profil lingkungan pemukiman kumuh di Kotamadya Palembang.	Drs Anang Bakar Astari, MS.	Ilmu Ling - kungan - Eko- logi Manusia	Rp. 5,000,000		Ditolak a,c,d,e

1	2	3	4	5	6	7
7	Potensi sosial ekonomi ekonomi masyarakat desa pinggiran kota madya Palembang.	Dr. M. Djahir Basir.	FKIP	Rp. 5,249,000		Ditolak a,c,d,e
8	Menentukan jenis dan kadar logam berat di perairan sungai Musi Palembang.	Ir. H. Musa Ali	Teknik	Rp. 5,000,000	Rp. 5,000,000	Diterima
9	Aspek teknis pencemaran pabrik semen Baturaja ditinjau dari resiko lingkungan.	Ir. H. Musa Ali	Teknik	Rp. 5,000,000	Rp. 5,000,000	Diterima
10	Identifikasi faktor agroklimat yang membatasi produktivitas lahan peladangan di Kabupaten Musi Banyuasin dan penyusunan rekomendasi pengelolaannya yang berwawasan lingkungan	Dr. Ir. Supli Effendi Rahim	Pertanian	Rp. 5,000,000	Rp. 5,000,000	Diterima
11	Pengaruh pembuangan limbah cair rumah tangga pada saluran pembuangan kawasan pemukiman terhadap lingkungan didalamnya.	Ir. M. Idris Naning	Pertanian	Rp. 4,750,000	Rp. 4,750,000	Diterima
12	Pengaruh tingkat usahatani tanaman budidaya terhadap ekosistem pasang surut daerah transmigrasi Sumatera Selatan.	Ir. Adam Malik Rakhman, MS.		Rp. 5,000,000	Rp. 5,000,000	Diterima
13	Dampak kegiatan pembangunan terhadap lingkungan sosial, ekonomi dan budaya suku Kubu : studi kasus perubahan lingkungan sosial, ekonomi dan budaya suku Kubu di Kecamatan Bayung Lencir Kabupaten Musi Banyu Asin.	Achmad Romsan, SH,MH,ELS,LLM		Rp. 5,000,000	Rp. 5,000,000	Diterima
14	Evaluasi hambatan pertumbuhan tanaman sebagai akibat penutupan lapisan debu di permukaan daun pada beberapa tingkat kadar air tanah.	Ir. Bunyamin	Pertanian	Rp. 5,257,200		Ditolak a,b,c,d

1	2	3	4	5	6	7
15	Studi kasus pola pengelolaan lingkungan fisik pemukiman transmigrasi di daerah pasang surut karang agung hilir propinsi Sumatera Selatan.	Dr. Ir. A. Halim PKS.	Pertanian	Rp. 5,000,000	Rp. 5,000,000	Diterima
• J U M L A H				Rp. 74,559,950	Rp. 54,253,750	

Daftar : Judul-judul Penelitian PSL yang disetujui
 untuk dibiayai pada Tahun Anggaran 1991/1992

PSL Universitas Syiah Kuala

No.	Judul Penelitian	Nama Peneliti	Fakultas/ Bidang Ilmu	B i a y a		Keterangan
				Diusulkan	Disetujui	
1	2	3	4	5	6	7
1	Efektivitas hak penguasaan hutan terhadap sumber daya alam dan lingkungan hidup di Kabupaten Daerah Tingkat II Aceh Selatan.	Dahril, SH, MS		Rp. 4,997,250		Ditolak c,j
J U M L A H				Rp. 4,997,250	Rp. 0	

Daftar : Judul-judul Penelitian PSL yang disetujui
 untuk dibiayai pada Tahun Anggaran 1991/1992

PSL Universitas Tadulako

No.	Judul Penelitian	Nama Peneliti	Fakultas/ Bidang Ilmu	B i a y a		Keterangan
				Diusulkan	Disetujui	
1	2	3	4	5	6	7
1	Strategi penggunaan tanah oleh migran spontan Bugis di Desa Tanamea Kecamatan Banawa Kabupaten Donggala Sulawesi Tengah.	Drs. Dahlan HI. Hasan		Rp. 1,000,000		Ditolak a,b,g
J U M L A H				Rp. 1,000,000	Rp. 0	

(revised)
MASTER BUDGET, IBRD LOAN 3311-IND

Investment cost only

(In US.\$)

No	<i>Indonesian</i> Fiscal Year	Loan	Local	JUMLAH
1.	1991/1992	15,427,000	7,338,000 <i>actual</i>	22,765,000
2.	1992/1993	39,179,000	11,635,000 <i>submitted</i>	50,814,000
3.	1993/1994	75,350,000	17,500,000	92,850,000
4.	1994/1995 ^{*)}	20,044,000	8,350,000	28,394,000
T O T A L :		150,000,000	44,823,000	194,823,000

REV31/3311.cal

*) . Up to December 1994

Karen

4-7-92

January 1, 1980

Dr. O. Simbolon
Project Director
Higher Education Development Projects
Ministry of Education and Culture
Jakarta, Indonesia

Dear Dr. Simbolon:

Re: Second Higher Education Development Project (Loan 3311-IND)

1. We would like to acknowledge receipt of your letters nos. 1960 and 1965/0392/CPIU/FEL dated March 19, 1992, proposing the signing of two contracts for the overseas training of 36 staff under the Academic Staff Development component of the Project.

2. We have reviewed your proposal and have no objection to the following training programs:

<u>Contractor</u>	<u>Program</u>	<u>Number</u>	<u>Cost</u>
SFERE, France	Advanced diploma in education (masters degree)	11	FF 3,577,530
British Council	Masters degrees	6	Sterling 191,722
	Doctors degrees	19	955,548
			Total 1,147,320

We would now appreciate receiving more information about these fellows, such as their names, home and overseas institutions, fields of study overseas, etc. In addition, we would appreciate your including with the forthcoming progress report for this Project, a complete listing of fellowships already awarded and to be awarded in the near future.

January 1, 1980

3. We confirm that World Bank financing of the above contracts is at 100% under Category 3 of Schedule 1 of the Loan Agreement. Please note that payment of the Bank's share for this training should be claimed under Special Account procedures and replenishment for expenditures related to the above training would be made on the basis of Statements of Expenditure (SOEs).

With kind regards,

Sincerely yours,

Clifford W. Gilpin
Division Chief
Population & Human Resources Division
Country Department V

Dr. O. Simbolon

- 3 -

January 1, 1980

cc: Messrs./Mmes. Duces, Kim, You, Asia Information Center

RMontague:mb

THE WORLD BANK
DIRECT FAX TELEPHONE NO. (202) 477-8681

Asia File

FACSIMILE

DATE: April 5, 1992 NO. OF PAGES: 20
MESSAGE NO.: (including this sheet)
TO: Mr. Rooskandar Winant
Organization: RSI
City/Country: Jakarta, Indonesia
Fax No:
FROM: Ruth Montague, Sr. Architect
Dept.: Country Department III
Div.: Population & Human RESources Div., 258/50
Room No.: A10-113
Tel. No.: (202) 458-2538
SUBJECT/
REFERENCE: First and Second Higher Education Development Projects
Loans 2944-IND and 3311-IND

Ln 2944-Ind
Ln 3311-Ind

MESSAGE:

Dear Roos:

Please see attached letter to Dr. Simbolon enclosing the review mission aide memoire for the above projects.

Thanks and regards.

Ruth

April 6, 1992

Dr. O. Simbolon
Project Director
Higher Education Development Projects
Ministry of Education and Culture
Jakarta, Indonesia

Dear Dr. Simbolon:

Re: First and Second Higher Education Development Projects
(Loans 2944-IND and 3311-IND)

1. We would like to express our appreciation to you and the members of your staff for the many courtesies extended to Ms. Montague and Ms. Duces during their recent visit to Indonesia to review progress in implementation of these projects. We are attaching a copy of the final Aide-Memoire resulting from that visit, which has been revised as discussed between you and the mission. If you have any further comments on the Aide-Memoire, please let us know.

2. We are pleased to hear that the first Project is nearing a successful completion but disappointed that the Second Project has gotten off to such a very slow start and would like to reconfirm the mission's recommendations, mentioned in the Aide-Memoire, as follows:

- (a) a review and evaluation of both types of proposed book procurement contracts should be undertaken after the first set of orders has been placed and the books received, in order to determine which of the two approaches has worked best. The most favorable method should then be adopted for the remainder of the procurement;
- (b) a special effort should now be made to secure funds to allow full implementation of the Environmental Study Center (ESC) component; and
- (c) the management information system (MIS) performance indicators seminar should take place as soon as possible and should make appropriate decisions and recommendations for the establishment of the MIS.

3. We look forward to receipt of the following documents for our comments and no objection:

Loan 2944-IND

- (a) recommendations for award of S2/S3 equipment, before contracts are signed (para. 7 of the Aide-Memoire);

- (b) lists and specifications for Growth Center equipment including the bid documents, before they are forwarded to suppliers, and an advertisement for the ICB bid (para. 7);

Loan 3311-IND

- (c) draft contracts and contract documents for book and journal procurement proposed to be signed with Scientific, the international book jobber, and Toko Buku Tropen, before the contracts are signed (para. 13);
- (d) the draft request for proposals for the library automation system, before it is forwarded to the vendors (para. 16);
- (e) lists and specifications for basic science equipment to upgrade science teaching laboratories at the 15 universities including the bid documents, before they are forwarded to suppliers, and an advertisement for the ICB bid (para. 18);
- (f) the draft action plan for establishment of equipment maintenance and repair centers at the polytechnics and for training of center staff, before its official adoption (para. 19);
- (g) recommendations for award of contracts for completion of the five studies, before contracts are signed (para. 29);

Both projects

- (h) SOE and special account audit reports for both projects (para. 32); and
- (i) progress and evaluation reports on project implementation for the period November 1, 1991, through April 30, 1992 (para. 34).

4. The mission's recommendation in the Aide-Memoire that current promotion policies for the Environmental Study Centers be accepted as satisfaction of the requirement in Schedule 5 of the Loan Agreement that the work undertaken by ESC staff be recognized for promotion purposes, is still under discussion here. We will inform you as soon as a decision is made.

5. We would like to ask you to consider requesting reallocation of Schedule 1 of the Loan Agreement for Loan 2944-IND, as Category 5 for Research, is currently overdisbursed. The reallocation should, of course, be based on your estimate of disbursements remaining under the Project.

6. In addition, we would like to acknowledge receipt of your letter no. 4917/0292/CPIU/PRCT dated February 19, 1992, which has been discussed with our recent mission. Your letter recommends award of a contract under Loan 2944-IND, for computer equipment for IKIP Medan following local competitive bidding. However, as you know, the final list for this equipment was never submitted to the Bank for its no objection, and the mission considered that the amount of equipment specified was considerably in excess of the IKIP's actual computer needs. (In addition, the proposed cost of about US\$580,000 is well above the limit allowed by the Loan Agreement for LCB of US\$200,000,

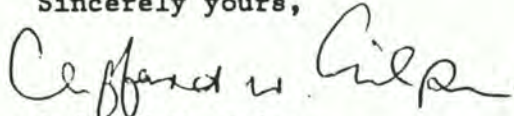
meaning that the list should, in any case, have been tendered under international competitive bidding procedures.) Fortunately the mission was able to travel to Medan to discuss with IKIP officials their computer needs. Together they agreed on a smaller configuration of equipment than was bid, and a revised list has been provided to you. As you have now tendered the original list and evaluated the bids, we suggest that you either (i) award those items only, under that tender, that appear on the revised list, to the lowest evaluated responsive bidder, Berca Indonesia, with new items to be procured by LCB or shopping, or (ii) rebid the entire revised package under LCB. (As the estimated cost of the revised package is only about US\$260,000, the Bank would have no objection, on an exceptional basis, to your using LCB procedures in this case.)

7. We would also like to acknowledge receipt of letter number 2262/D.1/T/92, dated March 26, 1992, from Pak Oetomo, concerning the contract signed with Pt. Astra Graphia for the purchase under Loan 2944-IND, of a mini-computer for the DGHE. Unfortunately, we continue to be unable to give our no objection for the funding of this contract from the Loan for the reasons stated in our letter dated March 2, 1992. If you will review the Loan Agreement for this Project and the Bank's Guidelines for Procurement which form part of that Agreement, you will find the reasons this is so and you will note that para. 1.11 of the Guidelines states that the Bank does not finance expenditures for goods and works which have not been procured in accordance with the agreed procedures. Such is the case here. However, as both the Ministers of Education and Culture and EKUIN have given their no objection to this contract, perhaps you will be able to revise your DIP allocation for FY92/93 to include the necessary funds.

8. In addition, we would like to mention that we have received a call from a U.S. supplier to Toko Buku Tropen, who apparently may in future be supplying you with audio-visual aids. This supplier provides copyrighted CD Rom data bases and he stated that, in his opinion, such items are audio-visual aids, and implied that the CPIU does not classify them as such. As it was unclear exactly what the problem is, we would appreciate your informing us what you know about this matter.

With kind regards,

Sincerely yours,



Clifford W. Gilpin
Division Chief

Population and Human Resources Division
Country Department III
East Asia and Pacific Regional Office

Dr. O. Simbolon

- 4 -

April 6, 1992

cc: M/M Duces, You, Koilpillai, Asia Information Center

RMon^{RA}ogue:mb

THE WORLD BANK
DIRECT FAX TELEPHONE NO. (202) Mr. Winant Rooskandar

FACSIMILE

DATE: April 3, 1992 NO. OF PAGES: 3 MESSAGE NO.:
(including this sheet)

TO: Dr. Sukadji Ranuwijardjo, Director General
Organization: Directorate-General of Higher Education
Ministry of Education and Culture
City/Country: Jakarta, Indonesia
Fax No: (5819) 584-565

FROM: Clifford Gilpin, Division Chief
Dept.: CB III
Div.: EA3PH, 258/50
Room No.: A-10-0011
Tel. No.: (202) 458-2528

Ln. 3311-IND

SUBJECT/
REFERENCE: Proposal for Next Mission

MESSAGE:

Please see attached letter.

April 3, 1992

FOR INTERNAL USE, NOT TO BE TRANSMITTED

Asia Information Center

Transmission Authorized By : Mr. Clifford Gilpin, Division Chief, EA3PH
Extension : 82528
Dept. : Country Dept. III
Division : PHR, 25850
Room No. : A-10-011

STakeda:jn

The World Bank

INTERNATIONAL BANK FOR RECONSTRUCTION AND DEVELOPMENT
INTERNATIONAL DEVELOPMENT ASSOCIATION

1818 H Street, N.W.
Washington, D.C. 20433
U.S.A.

(202) 477-1234
Cable Address: INTBAFRAD
Cable Address: INDEVAS

April 3, 1992

Dr. Sukadji Ranuwijardjo
Director General
Directorate-General of Higher Education
Ministry of Education and Culture
Jakarta, Indonesia

Dear Dr. Sukadji:

We have given further thought to the government's request for Bank support in the area of university research in general and IUCs in particular. We feel that given the number of recent developments, a starting point should be to review and analyze the current situation in depth as a guide to future assistance. We would like to propose that we undertake a supervision/identification mission in July 1992 to initiate a discussion about our future cooperation in higher education including graduate education and research.

We recently undertook a review of the human resource sector as preparation for the 1992 economic report. We were especially pleased to note that considerable progress has been made in higher education. We also noted that continued expansion of the private sector institutions, together with the recently passed autonomy law for the public universities would demand a change in the role of the government in further university development. The policy challenge has become a far more complicated one of indirectly affecting socially desirable changes such as improving quality and ensuring equitable access, without interfering with the dynamism of autonomous institutions.

Much work is already planned precisely to guide future policies. Five technical assistance tasks proposed under the HEDP II will provide valuable inputs. We also agree with your approach of establishing the supervision system by assigning three prominent researchers, and believe it is particularly conducive to further strategic thinking. The proposed mission would hope to contribute to better implementation of such studies, as we understand that by July, technical evaluation of proposals would have been conducted, and detailed discussion with selected consultants may be initiated.

In addition to the above, an EDI higher education seminar is planned in Yogyakarta in late June will focus on private and public roles of Asian higher education development. We hope that the seminar would provide a helpful input for our collective thinking on the next decade of higher education.

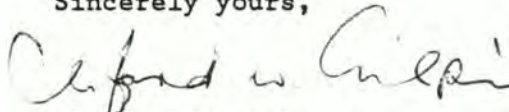
In view of the all of the above, we feel that it would be important to use this opportunity to review a framework within which further assistance to research activities would be made. To this end, we would like to propose a mission in early July immediately following the EDI seminar to specifically address the following aspects:

- (a) The public role in an environment of rapid private sector expansion, and autonomous public institutions. This task would have the dual goal of (a) assessing institutional responses to the autonomy law e.g. the law's effect on faculty appointment and their incentives to teach, and (b) reviewing the government's policy towards private universities including accreditation, public subsidies and regulatory measures, through the assessment of the private sector response using existing data and selected interviews on the private universities.
- (b) Science and technology education and research. This task would review progress made and future need for public support in quality improvement of science and engineering education, and graduate research. The progress made in the IUC development would be reviewed with an aim to identify: (a) the future strategy for IUC development; and (b) the role of government support.
- (c) Equity related financing and incentive structures for students. We expect that equity issues are likely to be central to the new public role. In addition to traditional concern over regional equity, it would be important to review equity issues related to students' ability to finance their higher education, especially since the 1990 decision to disband the student loan scheme has left the population without a sizable policy instrument to address the equity issues. The second equity issue is related to women's participation in higher education both as students and faculty members.

We feel that the proposed approach would be an excellent follow-up for the EDI seminar in June, and complementary to on-going work under HEDP II.

I expect to visit Indonesia in late April and look forward to discussing this proposal with you further. In the meantime, please let me know if you agree in principle with the proposed mission timing.

Sincerely yours,



Clifford W. Gilpin
Division Chief
Population and Human Resources
Country Department III
East Asia and Pacific Regional Office

Dr. Sukadji Ranuwihardjo

- 3 -

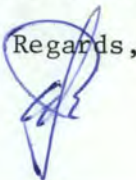
April 3, 1992

cc: Messrs./Mmes. Lieberman, You, James, STakeda chron, Div. Chron
Sabeti/Deen (RSI)

Asia Information Center

STakeda:jn

THE WORLD BANK

ROUTING SLIP		DATE: - 3 APR 1992
NAME		ROOM NO.
Ms. Ruth Montague, Task Manager,		
Ln. 2944 ³³¹¹ -IND		
c/o Mr. C. Gilpin, Chief, EA3PH		A 10011
	APPROPRIATE DISPOSITION	NOTE AND RETURN
<input checked="" type="checkbox"/>	APPROVAL	NOTE AND SEND ON
	CLEARANCE	PER OUR CONVERSATION
	COMMENT	PER YOUR REQUEST
	FOR ACTION	PREPARE REPLY
	INFORMATION	RECOMMENDATION
	TIAL	SIGNATURE
	NOTE AND FILE	URGENT
REMARKS :		
Submission of a negotiation report with IDP overseas training program in Australia, for Bank approval.		
Regards, 		
FROM :	ROOM NO.	EXTENSION :
W.Rooskandar	RSI	311



Ln 3311 IUD

DIREKTORAT JENDERAL PENDIDIKAN TINGGI, DEPARTEMEN PENDIDIKAN DAN KEBUDAYAAN
PROYEK PENGEMBANGAN PERGURUAN TINGGI BANTUAN LUAR NEGERI (P3T-BLN)
IBRD LOAN : NO. 2944-IND DAN NO. 3311-IND
 DEPDIKBUD Gedung C, Lantai 18
 Jl. Jenderal Sudirman, Senayan - Jakarta - INDONESIA
 Telp. 584565, 5707243 - Tromol Pos 3705 Jkt. 10002 Fax. 584565

Ref. NF: 2012 /0392/CPIU/FEL

March 31, 1992

Mr. Clifford Gilpin
 Chief Population and Human Resources Division
 Country Department V, Asia Region
 World Bank
 Washington DC
 Through RSI Jakarta



*To Ms. Ruth Montague (HQ) by
 punch, for Bank approval.
 Apr. 3, 92*

Re : Second Higher Education Development Project,
 IBRD Loan 3311-IND

Dear Mr. Gilpin,

As stated in Staff Appraisal Report (SAR), Report No. 9263-IND para 4.8 (e) page 33, and also in Aide Memoire Review Mission of June 1991 para 34 page 10, please be informed that we have made negotiation with The International Development Program of Australian Universities and Colleges (IDP) for management of overseas training program leading to master degrees (30 students) and doctor degrees (8 students) in Australia. As the result of negotiation we have agreed the cost of AUD 2,329,723.00 (two million three hundred twenty nine thousand seven hundred twenty three Australian dollar) for duration of 3 years.

Please find enclosed the breakdown of the cost.
 We request and look forward to your approval at your convenient time.

Thank you for your kind attention and cooperation.

Sincerely yours

[Signature]
 Dr. O. Simbolon
 Project Director

DATE RECEIVED	CONTROL No.
4-27-92	224
RESPO	4/27/92
<input type="checkbox"/> CABLE	<input type="checkbox"/> MEMO
COPIED	<i>RM</i>

- cc- 1. Ms. Rozany Deen, RSI Jakarta
- 2. Mr. W. Rooskandar, RSI Jakarta.

SRT31\cliford

*Admin fee
 AUD 14,400*



Record Removal Notice

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Withdrawn by Chandra kumar		Date Dec 9, 2013

Tabel 1

Summary of estimated cost for approved extension
of award for 6 fellows (1989/1990 arrivals).

No.	N a m e	Program	Field of study	Home Univ.	Australia University	Scholarship Extension	Stipend	Comp Fees	Tuition	Int. Travel	Health Ins	Visa Fee	Admin Fee	Total
1.	Illah Saliyah	Doktor	Chemical Engineering	IPB	Univ. of Queensland	Jan. 1992 s/d Jul. 1993 (19 months)	22.131	220	22.932	1.500	320	250	2.400	49.753
2.	Frans Umbu Datta	Master	Animal Husbandry	UNDANA	Charles Sturt University	Jan. 1992 s/d Mar. 1992 (3 months)	3.766	0	0	1.500	55	100	800	6.221
3.	Erry Purnomo	Master	Soil Science	UNLAM	Charles Sturt University	Jan. 1992 s/d Des. 1992 (12 months)	14.046	160	11.000	1.500	210	150	1.600	28.666
4.	I Gusti M. Kusnarta	Master	Agricultural	UNRAM	Charles Sturt University	Jan. 1992 s/d Jun. 1992 (6 months)	7.023	160	5.500	1.500	110	150	800	15.243
5.	R. Harry Soehartono	Master	Animal Surgery	IPB	Charles Sturt University	Jan. 1992 s/d Mar. 1992 (3 months)	3.766	0	0	1.500	55	100	800	6.221
6.	Hery Haryanto	Master	Biotechnology	UNIB	Univ. of Wollongong	Jan. 1992 s/d Jul. 1992 (7 months)	8.085	0	7.000	1.500	110	150	800	17.645
T O T A L							58.817	540	46.432	9.000	860	900	7.200	123.749

srt.35/tabell

Tabel 2

Summary of estimated cost for 1991 intake of 9 fellows.

No.	N a m e	Program	Field of study	Home Univ.	Australia University	Scholarship Extension	Stipend	Comp Fees	Tuition	Int. Travel	Health Ins	Visa Fee	Admin Fee	Total
1.	Ciptati	Master	Chemistry	ITB	Monash University	Jan. 1992 s/d Apr. 1994 (28 months)	32.404	482	20.000	1.500	420	300	3.200	58.306
2.	Agoes Soehiane	Doktor	Physics	ITB	Univ. of New South Wales	Jan. 1992 s/d Mar. 1995 (39 months)	45.911	0	39.000	1.500	630	450	4.800	92.291
3.	Eveline I.M. Hutahaean	Master	Mathematics	ITB	Univ. of New South Wales	Jan. 1992 s/d Feb. 1993 (14 months)	16.741	0	10.000	1.500	210	150	1.600	30.201
4.	I Nyoman Sudyana	Master	Science Studies	UNPAR	University of Tasmania	Jan. 1992 s/d Mar. 1994 (27 months)	31.865	0	20.000	1.500	420	300	3.200	57.285
5.	Kumala Dewi	Master	Science Studies	UGM	University of Tasmania	Jan. 1992 s/d Jul. 1993 (19 months)	22.131	0	15.000	1.500	320	250	2.400	41.601
6.	Pudji Astuti	Master	Mathematics	ITB	Australian National Univ.	Jan. 1992 s/d Mar. 1994 (27 months)	31.865	0	19.400	1.500	420	300	3.200	56.685
7.	Sony Suhandono	Master	Science	ITB	La Trobe University	Jan. 1992 s/d Mar. 1994 (27 months)	31.865	0	25.000	1.500	420	300	3.200	62.285
8.	Tri Yudani Mardining R.	Master	Applied Science	UGM	Univ. of New South Wales	Jan. 1992 s/d Agt. 1992 (8 months)	9.702	0	7.000	1.500	110	100	800	19.212
9.	Wulan M. Waworoento	Master	Mathematics	ITB	Univ. of New South Wales	Jan. 1992 s/d Feb. 1993 (14 months)	16.741	0	10.000	1.500	210	150	1.600	30.201
T O T A L							239.225	482	165.400	13.500	3.160	2.300	24.000	448.067

srt.35/tabel1

Tabel 3

Estimated costs for academic year 1992 & 1993
for a master program.

No.	DESCRIPTION	1992 (A\$)	1993 (A\$)
1.	ACADEMIC COURSE FEES (at cost)	14.000	14.000
2.	STUDENT SERVICE (at cost)	150	150
3.	LIVING ALLOWANCE (\$540 fortnightly)	14.045	14.045
4.	ESTABLISHMENT ALLOWANCE - payable on arrival in Australia	1.500	-
5.	ACCIDENT & MEDICAL INSURANCE (at cost)	230	230
6.	INTERNATIONAL AIRFARES - return (at cost)	-	1.250
7.	PLACEMENT FEE (once only)	800	-
8.	MANAGEMENT & ADMINISTRATION CHARGE	1.600	1.600
9.	IMMIGRATION FEE (at cost)	150	-
10.	MONITORING VISIT	213	213
11.	Clothing Allowance - payable on arrival - in Australia.	-	-
12.	Book and Equipment Allowance - payable - in the beginning of each academic year.	-	-
S U B T O T A L		32.688	31.488
TOTAL COSTS FOR ONE FELLOW Contingencies (5%)			64.176 3.208,8
T o t a l			<u>67.384,8</u>

srt.35/idp3

Total cost for 17 fellows = A\$ 67.384,8 x 17 = A\$ 1.145.541,6

=====

Tabel 4

WB HIGHER EDUCATION PROJECT (SECOND SLICE)
 ESTIMATED COSTS for a PhD PROGRAM
 (Rates applying from 1st of January 1992)

No.	DESCRIPTION	1992	1993	1994
1.	ACADEMIC COURSE FEES (at cost)	15.000	15.000	15.000
2.	STUDENT SERVICE (at cost)	150	150	150
3.	LIVING ALLOWANCE (\$540 fortnightly)	14.045	14.045	14.045
4.	ACCIDENT & MEDICAL INSURANCE (at cost)	230	230	230
5.	MANAGEMENT & ADMINISTRATION CHARGE	1.600	1.600	1.600
6.	MONITORING	213	213	-
SUB TOTAL FOR ONE FELLOW FOR 3 YEARS		31.238	31.238	31.025
ONCE ONLY PAYMENTS				
1.	IMMIGRATION FEE (at cost)	150	-	-
2.	Establishment Allowance (paid on arrival in Australia)	1.500	-	-
3.	Placement Fee (once only)	800	-	-
4.	International Airfare - return (at cost)	-	-	1.250
SUB TOTAL FOR ONE FELLOW		2.450	-	1.250
		33.688	31.238	32.275
COST FOR A 3 YEAR PhD PROGRAM Plus Contingencies (5%)				97.201 4.860,05
TOTAL COSTS FOR ONE FELLOW				102.061,05

srt.35/idp4

TOTAL COSTS FOR 6 FELLOWS = A\$ 102.061.05 x 6 = A\$ 612.366,3

Grand total = A\$ 123.749 (tabel 1)
 = A\$ 448.067 (tabel 2)
 = A\$ 1.145.541,6 (tabel 3)
 = A\$ 612.366,3 (tabel 4) +

 = A\$ 2.329.723

March 24, 1992

Dr. O. Simbolon
Project Director, Ln. 3311-IND
Second Higher Education Development Project
Department of Education and Culture
Gedung C, lantai 18
Jl. Jend. Sudirman, Senayan
Jakarta Selatan

Dear Dr. Simbolon:

Re: Higher Education Development Project II, Ln. 3311-IND

Thank you for your letter of March 4, 1992, ref. no. 4969/0392/CPIU/CW regarding the proposed civil works tender activities for the construction of the Agriculture Faculty buildings and the Auditorium at the University of Andalas, Padang. Please find below the results of Mr. W. Rooskandar's meetings in Jakarta and Padang with your key staff members on March 18 and 22 respectively:

1. Bidding Documents
 - a. General Conditions: No Comments
 - b. Technical Specifications: No Comments
 - c. Drawings: No Comments
2. Volume of Works and Cost Estimates: We would advise to simplify the items of works to be completed by the bidders in their bid submission. This is to avoid mistakes done by the bidders in completing the forms and also to simplify the evaluation of bids by the Tender Committee.
3. Schedule of Works: The packaging for the Faculty of Agriculture should be reexamined to prevent unnecessary problems between two contractors working in a very cramped space. Looking at the capacity of the 10 prequalified contractors, we advise you to separate the tender of the auditorium to a later stage, after you know the tender results of the two packages of the Faculty of Agriculture.
4. List of prequalified contractors: We observed in the list that PT. Mega Eltra has been prequalified, while based on our records, PT. Mega Eltra has always been an equipment supplier and electrical/mechanical contractor. We would advise you to reexamine the prequalification documents submitted by them and to contact the Dinas Cipta Karya in Jakarta and Padang to gather information on the works completed by PT. Mega Eltra in the field of buildings equal to the size and nature of the Faculty buildings and/or the Auditorium.

Dr. O. Simbolon

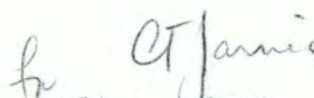
- 2 -

March 24, 1992

Finally, we would advise you to consider all our comments above, before proceeding with the tender. Please note that it would be better to have a longer tender preparation time, rather than failing during or after the tender process.


With best regards,

Yours sincerely,



Ali A. Sabeti
Chief, Operations Staff
Resident Staff in Indonesia

bcc: M/M. Gilpin, Montague (EA3PH), Deen (RSI)



File: Ln. 3311-IND
WRooskandar/sw



DIREKTORAT JENDERAL PENDIDIKAN TINGGI, DEPARTEMEN PENDIDIKAN DAN KEBUDAYAAN
PROYEK PENGEMBANGAN PERGURUAN TINGGI BANTUAN LUAR NEGERI (P3T-BLN)
IBRD LOAN : NO. 2944-IND DAN NO. 3311-IND
 DEPDIKBUD Gedung C, Lantai 18
 Jl. Jenderal Sudirman, Senayan - Jakarta - INDONESIA
 Telp. 584565, 5707243 - Tromol Pos 3705 Jkt. 10002 Fax. 584565

Ref. NF: 1960/0392/CPIU/FEL

March 19, 1992

Mr. Clifford Gilpin
 Chief Population and Human Resources Division
 Country Department V, Asia Region
 World Bank
 Washington DC
 Through RSI Jakarta

*To Ms. Ruth Montague
 (HQ) by pouch, for
 Bank approval.*



Mar. 23, 92

Re : Second Higher Education Development Project,
 IBRD Loan 3311-IND

Dear Mr. Gilpin,

As stated in Staff Appraisal Report (SAR), Report No. 9263-IND para 4.8 (e) page 33, and also in Aide Memoire Review Mission of June 1991 para 34 page 10, please be informed that we have made negotiation with The Societe Francaise d'Exportation des Ressources Educatives (SFERE) for management of overseas training program leading to DEA degrees of 11 students in France. As the result of negotiation we have agreed the cost of FF. 3.577.530 (Three million five hundred seventy seven thousand five hundred thirty France Franc) for duration of 30 months.

Please find enclosed the breakdown of the cost.
 We request and look forward to your approval at your convenient time.

Thank you for your kind attention and cooperation.

Sincerely yours

[Handwritten signature]

Dr. O. Simbolon
 Project Director



- cc- 1. Ms. Rozany Deen, RSI Jakarta
- 2. Mr. W. Rooskandar, RSI Jakarta.

SRT31\cliford

DATE RECEIVED <i>4-3-92</i>	CONTROL No. <i>200-IND</i>
RESPONSE DATE:	
<input type="checkbox"/> CABLE <input type="checkbox"/> LETTER <input type="checkbox"/> MEMO	
COPIED TO:	
<i>RM</i>	

*no. 415
 advanced diploma in ed*

[=====I
 I ANNEXE 5.C. I
 [=====I
 I MAXIMUM INDIVIDUAL BUDGETS I
 I (Based on the costs in January 1992) I
 [=====I

I Cost Item: I _____(in FF)_____ I	I ONCE: I	I PHASE 1 I		I PHASE 2 I		I TOTAL I
		I LANGUAGE I	I TRAINING I	I D.E.A. TRAININGS I	I Year 1 I Year 2 I	
	I _____ I	I (6 months) I	I Year 1 I	I Year 2 I		I _____ I
I Arrival allowance I	I 1,500 I					I 1,500 I
I Clothing allowance I	I 1,500 I					I 1,500 I
I Stipend * I		I 30,600 I	I 61,200 I	I 61,200 I		I 153,000 I
I Social coverage I		I 2,250 I	I 4,500 I	I 4,500 I		I 11,250 I
I Educational expenditures I		I 27,900 I	I 43,750 I	I 43,750 I		I 115,400 I
I Book allowance I		I 0 I	I 1,250 I	I 1,250 I		I 2,500 I
I Monitoring I		I 3,456 I	I 6,912 I	I 6,912 I		I 17,280 I
I Administration I		I 1,080 I	I 2,160 I	I 2,160 I		I 5,400 I
I Departure allowance I	I 1,500 I					I 1,500 I
I Excess-luggage allowance I	I 1,500 I					I 1,500 I
I International airfares I	I 14,400 I **					I 14,400 I
I TOTAL I	I 20,400 I	I 65,286 I	I 119,772 I	I 119,772 I		I 325,230 I

* : Based on the MAXIMUM stipend rate (5.100 FF)
 ** : One-way airfare (Paris-Jakarta), Here budgeted on IATA's tariff, shall nevertheless be paid "AT COST".

Minimum = FF 59400

=====
 I ANNEXE 5.D. I
 =====
 I MAXIMUM TOTAL COST OF CONTRACT I
 I (Based on Maximum Stipend Rate) I
 =====

I No.	I Name of student	I Study-Schedule I for contract	I COSTS		
			I Phase 1 + I Mob/Demob.	I Phase 2	II Total
I 1.	I KHIATUDDIN MAULIDA	I M.Sc.	I 85,686	I 239,544	II 325,230
I 2.	I PARDEDE D. LUCIA CRISPINA	I M.Sc.	I 85,686	I 239,544	II 325,230
I 3.	I GINTING RASMI	I M.Sc.	I 85,686	I 239,544	II 325,230
I 4.	I ADJAR PRATOTO	I M.Sc.	I 85,686	I 239,544	II 325,230
I 5.	I DEDI PRIMA PUTRA	I M.Sc.	I 85,686	I 239,544	II 325,230
I 6.	I IWAN SUYATNA	I M.Sc.	I 85,686	I 239,544	II 325,230
I 7.	I SUMARYONO	I M.Sc.	I 85,686	I 239,544	II 325,230
I 8.	I MOHAMMAD ARLIS	I M.Sc.	I 85,686	I 239,544	II 325,230
I 9.	I GUSTI ZULKIFLI NULXI	I M.Sc.	I 85,686	I 239,544	II 325,230
I 10.	I HENDARYONO	I M.Sc.	I 85,686	I 239,544	II 325,230
I 11.	I SUTANTO	I M.Sc.	I 85,686	I 239,544	II 325,230
			I GRAND TOTAL (in FF) =		II 3,577,530



Record Removal Notice

File Title Higher Education Development Project (02) - Indonesia - Loan 3311 - P003939 - Correspondence - Volume 4	Barcode No. 1088502
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Document Date Mar 12, 1992	Document Type Attachment
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Correspondents / Participants

Subject / Title

Exception No(s).

1
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 10 A-C
 10 D
 Prerogative to Restrict

Reason for Removal
Translation is not Available

Additional Comments
Declassification review of this record can be initiates upon request

The item(s) identified above has/have been removed in accordance with The World Bank Policy on Access to Information. This Policy can be found on the World Bank Access to Information website.

Withdrawn by Chandra kumar	Date Dec 9, 2013
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2

DIREKTORAT JENDERAL PENDIDIKAN TINGGI, DEPARTEMEN PENDIDIKAN DAN KEBUDAYAAN
PROYEK PENGEMBANGAN PERGURUAN TINGGI BANTUAN LUAR NEGERI (P3T-BLN)
IBRD LOAN : NO. 2944-IND DAN NO. 3311-IND
 DEPDIBUD Gedung C, Lantai 18
 Jl. Jenderal Sudirman, Senayan - Jakarta - INDONESIA
 Telp. 584565, 5707243 - Tromol Pos 3705 Jkt. 10002 Fax. 584565

Ref.: NF.1965/0392/CPIU/FEL

19 March , 1992

Mr. Clifford Gilpin
 Chief Population and Human Resources Division
 Country Department V, Asia Region
 World Bank
 Washington DC
 Through RSI Jakarta

20 MAR 1992

*To Ms. Ruth Montague (HW) by pouch,
 for Bank approval. - [Signature]
 Mar. 23, 92*

Re : **Second Higher Education Development Project,**
IBRD Loan 3311-IND

Dear Mr. Gilpin,

As stated in Staff Appraisal Report (SAR), Report No. 9263-IND para 4.8 (e) page 33, and also in Aide Memoire Review Mission of June 1991 para 34 page 10, please be informed that we have made negotiation with The British Council (BC) for management of overseas training program leading to master degrees (6 students) and doctor degrees (19 students) in the United Kingdom. As the result of negotiation we have agreed the cost of GBP 1.147.320 (One million one hundred forty seven thousand three hundred twenty poundsterling) for duration of 3 years.

Please find enclosed the breakdown of the cost. We request and look forward to your approval at your convenient time.

Thank you for your kind attention and cooperation.

Sincerely yours

 O. Simbolon
 Project Director

DATE RECEIVED	CONTROL No.
4-3-92	200-IND
RESPONSE DATE:	
<input type="checkbox"/> CABLE <input type="checkbox"/> LETTER <input type="checkbox"/> MEMO	
COPIED TO:	
RM	

- cc- 1. Ms. Rozany Deen, RSI Jakarta
 2. Mr. W. Rooskandar, RSI Jakarta.

SRT31\cliford

SECOND HIGHER EDUCATION DEVELOPMENT PROJECT
 DETAILED COST ESTIMATES FOR 2 YEAR MASTER COURSE OUTSIDE LONDON

HASIL NEGOSIASI

	R A T E	1991/92	1992/93		T O T A L
ACCOUNTABLE CHARGES					
IELTS Test		46			46
Tuition Fee Year 1	6,560 pa	6,560			6,560
Tuition Fee Year 2	7,000 pa		7,000		7,000
Research Fee		150	150		300
Airfares			675		675
Stipend Year 1	440 pm	5,280			5,280
Stipend Year 2	440 pm		5,280		5,280
Home Office Reg		38			38
Arrival Allowance		192			192
Departure Allowance			192		192
Book Allowance		292	175		467
Clothing Allowance		192	25		217
UK Travel		250	250		500
Thesis Expenses			325		325
Excess Baggage			190		190
Seminar Allowance		250	250		500
Total Accountable Charges		13,250	14,512	0	27,762
Non-Accountable Charges		2,100	2,100	0	4,200
TOTAL PER FELLOW		15,350	16,612		31,962

BC2/SRT-35

Total for 6 students : 6 x £ 31,962 = £ 191,722

SECOND HIGHER EDUCATION DEVELOPMENT PROJECT
 DETAILED COST ESTIMATES FOR PHD COURSE OUTSIDE LONDON

HASIL NEGOSIASI

	R A T E		1991/92	1992/93	1993/94	T O T A L
ACCOUNTABLE CHARGES						
IELTS Test			46			46
Tuition Fee Year 1	6,560	pa	6,560			6,560
Tuition Fee Year 2	7,000	pa	0	7,000		7,000
Tuition Fee Year 3	7,500	pa	0	0	7,500	7,500
Research Fee			600	650	700	1,950
Airfares					730	730
Stipend Year 1	440	pm	5,280			5,280
Stipend Year 2	440	pm		5,280		5,280
Stipend Year 3	475	pm			5,700	5,700
Home Office Reg			38			38
Arrival Allowance			192			192
Departure Allowance					192	192
Book Allowance			292	175	175	642
Clothing Allowance			192	25	25	242
UK Travel			250	250	250	750
Thesis Expenses					351	351
Excess Baggage					240	240
Seminar Allowance			400	432	467	1,299
Total Accountable Charges			13,850	13,812	16,330	43,992
Non-Accountable Charges			2,100	2,100	2,100	6,300
TOTAL PER FELLOW			15,950	15,912	18,430	50,292

BC2/SRT-35

Total for 19 students : 19 x £ 50,292 = £ 955,548

Total for 6 students (master) = £ 191,772

Total for 19 students (dokter) = £ 955,548

Total = £ 1,147,320 (+)



Record Removal Notice

File Title Higher Education Development Project (02) - Indonesia - Loan 3311 - P003939 - Correspondence - Volume 4	Barcode No. 1088502
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Document Date Feb 28, 1992	Document Type Attachment
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Correspondents / Participants

Subject / Title

Exception No(s).

1
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 10 A-C
 10 D
 Prerogative to Restrict

Reason for Removal
Translation is not Available

Additional Comments
Declassification review of this record can be initiates upon request

The item(s) identified above has/have been removed in accordance with The World Bank Policy on Access to Information. This Policy can be found on the World Bank Access to Information website.

Withdrawn by Chandra kumar	Date Dec 9, 2013
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DIREKTORAT JENDERAL PENDIDIKAN TINGGI, DEPARTEMEN PENDIDIKAN DAN KEBUDAYAAN
PROYEK PENGEMBANGAN PERGURUAN TINGGI BANTUAN LUAR NEGERI (P3T-BLN)
IBRD LOAN : NO. 2944-IND DAN NO. 3311-IND
 DEPDIBUD Gedung C, Lantai 18
 Jl. Jenderal Sudirman, Senayan - Jakarta - INDONESIA
 Telp. 584565, 5707243 - Tromol Pos 3705 Jkt. 10002 Fax. 584565

Ref. 4969/0392/CPIU/CW

March 04, 1992

Mr. Clifford Gilpin
 Chief Population and Human Resource Division
 Country Department V, Asia Region
 World Bank
 Washington DC
 Through RSI Jakarta.

06 MAR 1992

*Tolms. Ruth Montagne (HQ) by pondi,
 for bank files. - [Signature]
 Mar. 27, 92*

Re : Higher Education Development Project, Loan 3311-IND

Dear Mr. Gilpin,

Regarding the building construction of the Agriculture Faculty Building Package A and Package B and the Auditorium Building of Andalas University at Padang-West Sumatera, please find enclosed the following documents :

1. Bidding Documents : *- n/a*
 a. General Condition of Contracts
 b. Technical specifications
 c. Drawings

Rept in RSI files. -

2. Volume of Works and Cost Estimates *= n/a*

3. Schedules *✓ - n/a*

DOC # F63090

We also enclosed the list of prequalified contractors for your approval.

Thank you for your kind attention.

Best regards

Sincerely yours,

[Signature]
 Dr. O. Simbolon
 Project Director

DATE RECEIVED	CONTROL No.
4-2-92	196-IND
REL	
<input type="checkbox"/> COPY	
RH/	

- cc. : 1. Ms. Rosany Dean, RSI Jakarta
 2. Mr. W. Rooskandar, RSI Jakarta

sm15/wb1-2

The World Bank

INTERNATIONAL BANK FOR RECONSTRUCTION AND DEVELOPMENT
INTERNATIONAL DEVELOPMENT ASSOCIATION

1818 H Street, N.W.
Washington, D.C. 20433
U.S.A.

(202) 477-1234
Cable Address: INTBAFRAD
Cable Address: INDEVAS

March 3, 1992

Dr. O. Simbolon
Project Director
Directorate-General of Higher Education
Depdikbud Gedung C. Lantai 18
Jl. Jenderal Sudirman, Senayan
Jakarta, Indonesia

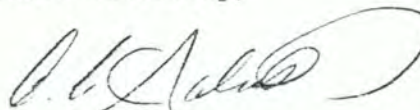
Dear Dr. Simbolon:

Re: Second Higher Education Development Project (Ln. 3311-IND)


Thank you for your letter of February 12, 1992 (Ref: NF.1906/0292/CPIU/FEL). We have no objection to your proposed contract with Deutscher Akademischer Austausch Dienst (DAAD) for managing training programs in Germany for 12 students (5 in diploma and 7 in degree program) for DM 527.530.18 for duration of three years.

With best wishes,

Yours sincerely,



for Clifford W. Gilpin
Division Chief
Population and Human Resources
Country Department III
East Asia and Pacific Regional Office

 bcc: M/M. Montague, You, Deen/Rooskandar (RSI), Kim (LOAS), Norlander (LEGEA)

MHYou:JN

FORM 384C - Consultant Data Input Form

Project ID: 4INSPA240 Name: HIGHER EDUCATION II Dept/Div: 25850
 Task Manager Name: MONTAGUE
 Extension:

FUNDING

Loan/Credit Number: L33110

CONSULTANT DATA

MIS Tender Number : 4
 MIS Contract Number : 4
 Brief Title of Services: FELLOWSHIP ADMINISTRATION
 Type of Action : 0 ('O'riginal, 'R'evised, 'C'ancel, 'A'ddendum)
 Implementing agency : MINISTRY OF EDUCATION AND CULTURE
 Borrower Tender No :
 Borrower Contract No : 1956/0392/CPIU/FEL
 Type Of Assignment : CTR If 'COC' Specify:
 Type Of Selection : SS SL-Short List, SS-Sole Source
 Short List, Prepared By:
 Date Short List/Sole Source Decision Approved:
 Disbursement category : 3
 Type Of Contract : TB If 'OT' Specify :
 (TB-Time Based, LS-Lump-Sum, OT-Other)
 Price Considered (y,n) : Budget Indicated In LOI (y,n):
 Consultant Budget : 0

Date Of Proposal Submission : (MMDDYY) 02/12/92 Contract Received : (MMDDYY) 05/20/92
 Approval Date of Selected Firm : 03/03/92
 Contract Signature : 03/05/92
 Cofinancing Agency (If Any) : % Cofinanced:

- 1.
- 2.
- 3.

00000

Optional:
 Price Escalation Clause ? N (y,n) Contract Under Arbitration ? N (y,n)
 Comments:

FIRMS CONSIDERED

No.	Consulting Firms Considered	Ctry Code	Rank	Enter 'Y' If Selected
1	DAAD	1GRM	1	Y
2				
3				
4				
5				
6				
7				
8				
9				

Note: For joint ventures: Enter data for all partners; If significant subcontracting, enter data for same.

CURRENCY DATA

Contract Signature (MMDDYY): 03/05/92

No.	Payment Currency Country Code	Amount In Payment Currency	% Eligible For Disbursement
1	1GRM	527,530	100
2			
3			
4			
5			
6			
7			
8			
9			



DIREKTORAT JENDERAL PENDIDIKAN TINGGI, DEPARTEMEN PENDIDIKAN DAN KEBUDAYAAN
PROYEK PENGEMBANGAN STAF DAN SARANA PERGURUAN TINGGI (Proyek PS2 PT)

IBRD LOAN : NO. 2944 - IND DAN NO. 3311 - IND.

DEPDIKBUD Gedung C, Lantai 18

Jl. Jenderal Sudirman, Senayan - Jakarta - INDONESIA

Telp. , 5707243 - Tromol Pos 3705 JKT.10002 Fax.

BTLN 3311 IUD

Ref. : 1321 /0393/CPIU/CW

March 03 , 1993

Mr. Samuel S. Lieberman
Acting Division Chief
Population and Human Resource Division
Country Department III
East Asia and Pasific Region Office
World Bank
Washington DC
Through RSI Jakarta



*To Ms. Ruth Montague (HR) by pouch,
for Bank files -
Mar. 10, 93*

Re : Second
Higher Education Development Project, Loan 3311-IND

Dear Mr. S.S. Lieberman

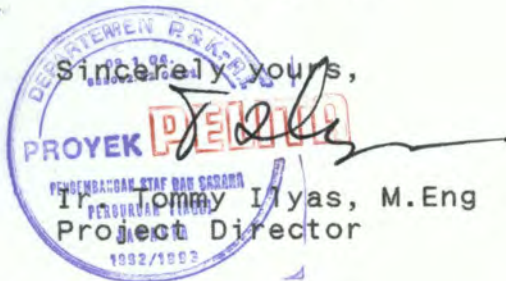
Regarding the construction of the Auditorium Building at the Andalas University Padang, and your no objection letter dated February 2, 1993 to award the contract to the bidder PT. Firgonik Dinamika, at total cost of Rp. 4.970.680.000,- (including 10% tax), please find enclosed the following document ;

1. Summary of the contract *Doc # F77.847*
2. One copy contract No.31/II/PPPT/3-1993, dated March 3, 1993

Thank you for your kind attention and cooperation.

With best regards

Sincerely yours,



Ir. Tommy Ilyas, M.Eng
Project Director

- cc: 1. Ms. Rosany Deen, RSI Jakarta
2. Mr. W. Rooskandar, RSI Jakarta

sm22/SSL3

The World Bank
INTERNATIONAL BANK FOR RECONSTRUCTION AND DEVELOPMENT
INTERNATIONAL DEVELOPMENT ASSOCIATION

1818 H Street, N.W.
Washington, D.C. 20433
U.S.A.

(202) 477-1234
Cable Address: INTBAFRAD
Cable Address: INDEVAS

March 3, 1992

Dr. O. Simbolon
Project Director
Directorate-General of Higher Education
Depdikbud Gedung C. Lantai 18
Jl. Jenderal Sudirman, Senayan
Jakarta, Indonesia

Dear Dr. Simbolon:

^Re: Second Higher Education Development Project (Ln. 3311-IND)

Thank you for your letter of February 12, 1992 (Ref: NF.1906/0292/CPIU/FEL). We have no objection to your proposed contract with Deutscher Akademischer Austausch Dienst (DAAD) for managing training programs in Germany for 12 students (5 in diplom and 7 in degree program) for DM 527.530.18 for duration of three years.

With best wishes,

Sincerely yours,

Clifford W. Gilpin
Division Chief
Population and Human Resources
Country Department III
East Asia and Pacific Regional Office

cc: Mr. Yusuf Anwar, Director of External Funds, MOF
Mr. Jannes Hutagalung, Director for Budget Administration, MOF

March 3, 1992

cc: Ms. Montague, You (Chron)
R. Deen (RSI)
H. Kim (LOAAS), Norlander (LEGEA)

Asia Information Center

MHYou:JN

The World Bank/IFC/MIGA
O F F I C E M E M O R A N D U M

DATE: March 2, 1992 09:55am

TO: Asia ISC Files *WIN11* (ASIA ISC FILES)

FROM: Julia Nannucci, EA3CO (JULIA NANNUCCI)

EXT.: 82476

SUBJECT: INDONESIA - **Loan 3311-IND**: Second Higher Education Development
Project

Please forward the attached letter to Dr. O. Simbolon. Thank you.

Attached to this message is a WORDPERFECT document. You cannot use ALL-IN-1 to display or print it. You must first transfer the attachment to your PC using the FAP option. Then you may process the file with the same software that was used to create it.

The World Bank
INTERNATIONAL BANK FOR RECONSTRUCTION AND DEVELOPMENT
INTERNATIONAL DEVELOPMENT ASSOCIATION

1818 H Street, N.W.
Washington, D.C. 20433
U.S.A.

(202) 477-1234
Cable Address: INTBAFRAD
Cable Address: INDEVAS

March 3, 1992

Dr. O. Simbolon
Project Director
Directorate-General of Higher Education
Depdikbud Gedung C. Lantai 18
Jl. Jenderal Sudirman, Senayan
Jakarta, Indonesia

Dear Dr. Simbolon:

^Re: Second Higher Education Development Project (Ln. 3311-IND)

Thank you for your letter of February 12, 1992 (Ref: NF.1906/0292/CPIU/FEL). We have no objection to your proposed contract with Deutscher Akademischer Austausch Dienst (DAAD) for managing training programs in Germany for 12 students (5 in diplom and 7 in degree program) for DM 527.530.18 for duration of three years.

With best wishes,

Sincerely yours,

Clifford W. Gilpin
Division Chief
Population and Human Resources
Country Department III
East Asia and Pacific Regional Office

cc: Mr. Yusuf Anwar, Director of External Funds, MOF
Mr. Jannes Hutagalung, Director for Budget Administration, MOF

March 3, 1992

cc: Ms. Montague, You (Chron)
R. Deen (RSI)
H. Kim (LOAAS), Norlander (LEGEA)

Asia Information Center

MHYou:JN

The World Bank

INTERNATIONAL BANK FOR RECONSTRUCTION AND DEVELOPMENT
INTERNATIONAL DEVELOPMENT ASSOCIATION

1818 H Street, N.W.
Washington, D.C. 20433
U.S.A.

Ruth Montague
VMO-RSI
(202) 477-1234
Cable Address: INTBAFRAD
Cable Address: INDEVAS

February 26, 1992

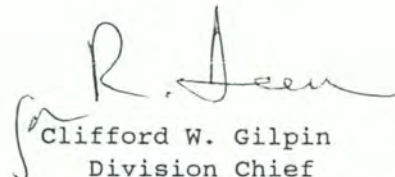
Dr. Soekadji Ranuwihardjo
Director General
Directorate General of Higher Education
Jl. Jend. Sudirman Pintu I Senayan
Jakarta Pusat
Indonesia

Dear Dr. Soekadji:

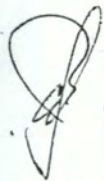
Re: INDONESIA - Second Higher Education Development Project (Ln. 3311-IND)

Thank you for your letter of February 21 and the accompanying draft TORs. We think the points you raised in your letter are very well taken and agree fully with the changes you have proposed as well as various suggestions you have made. For instance, we will be happy to try to collect relevant comparative information on tracer studies for the Team--that should be an interesting task! We hope the work can now proceed at the intended pace. We also look forward to subsequent stages of what promises to be a very important research program.

Sincerely yours,



Clifford W. Gilpin
Division Chief
Population and Human Resources
Country Department III
East Asia and Pacific Regional Office



cc: Messrs./Mmes. Montague, Takeda, You, Lieberman

The World Bank
INTERNATIONAL BANK FOR RECONSTRUCTION AND DEVELOPMENT
INTERNATIONAL DEVELOPMENT ASSOCIATION

1818 H Street, N.W.
Washington, D.C. 20433
U.S.A.

(202) 477-1234
Cable Address: INTBAFRAD
Cable Address: INDEVAS

February 25, 1992

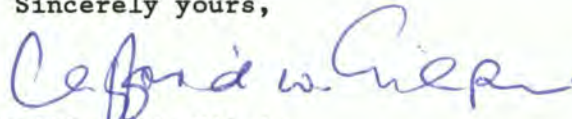
Dr. Soekadji Ranuwihardjo
Director General
Directorate General of Higher Education
Jl. Jend. Sudirman Pintu I Senayan
Jakarta, Pusat
Indonesia

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Re: INDONESIA: Second Higher Education Development Project (Ln. 3311-IND)

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Clifford W. Gilpin
Division Chief
Population and Human Resources
Country Department III
East Asia and Pacific Regional Office

Dr. Soekadji Ranuwihardjo

- 2 -

February 25, 1992

cc: Messrs./Mmes. Montague, Takeda, You, Lieberman

Asia Information Center



**DEPARTEMEN PENDIDIKAN DAN KEBUDAYAAN
DIREKTORAT JENDERAL PENDIDIKAN TINGGI**

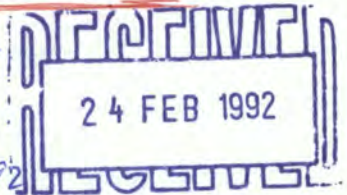
SENAYAN J A K A R T A
TROMOL POS 190 DAK

TELP. 581436. 581987. 581466. 581903. 581843.
581805. 581988. 581846. 582481. 582468.

Jakarta, 21 Februari 1992

Ref.: 1067/D/G/92
Mr. Clifford W. Gilpin
Division Chief
Population dan Human Resources Division
Country Department III
East Asia and Pacific Regional Office
Through RSI

*To Ms. Ruth Montague
Cepo VMU, for Bank
approval - Feb. 25 1992*



Re : Second Higher Education Development
Project (IBRD Loan No. 3311-IND)

Dear Mr. Gilpin,

Thank you for your letter dated January 17, 1992 addressed to me, which included your revised TORs on the Tracer Study, the Employer Study and the Private Higher Education Strategy paper.

In general I appreciate the additions and expansions you made to the TORs for the Tracer Study and the Employer Study, as well as your virtually complete overhaul of TOR for the Strategy paper. I have, however, a few, hopefully minor, suggestions and queries which I would like to call to your attention. I would appreciate your reactions at your earliest convenience as we plan to hold pre-bid meetings during the second week of March.

TIME SCHEDULE

- I would like to suggest that all three studies, i.e. the Tracer Study, the Employer Study and the Private School Strategy, should be given an equal time of 12 months for the submission of a preliminary report and data set in machine readable format, and another equal time of 6 months to participate in discussions and to prepare their final reports, or, altogether, a total of 18 months for each study.

TRACER STUDY

- My first concern is with your proposal at the end of the section on objectives of the Tracer study where you suggest that the team makes suggestions on monitoring graduate employment through, e.g. modifications in SAKERNAS. While I feel that the monitoring issue is important and should form part of the discussions with the Tim Koordinasi, making this type of reference in the TOR may be misplaced. You should keep in mind both the relatively small size of the SAKERNAS sample (about 65,000 households) and the fact that graduates still constitute less than 1 percent of the working age population. I recommend that this particular paragraph be dropped both because of the reference, and, especially, because there is already a clear statement of the responsibilities of the tracer study team on the first page of the TOR.

PTS STRATEGY PAPER

- Your version of the TOR does not yet address my message conveyed through Mr. Man-He You to the Tim Koordinasi several months ago on the issue of a potential need for more and better trained engineers to be produced by PTS in Indonesia's long term development strategy. I therefore suggest that this issue also be explicitly addressed in the TOR. Communications with Dr. David Clark have also led to a few additions to this particular TOR which are appended to this letter.

If you agree with our comments and suggested changes, please inform me as soon as possible to enable us to process these documents further through our bureaucracy.



Sincerely,

Soekadji Ranuwihardjo
Prof. Dr. Soekadji Ranuwihardjo

Director General of Higher Education

- cc.1. Director of Academic Affairs, DGHE
- 2. Director of Second Higher Education Project

c. surat-15/std-2

2/18/92
21

Mr. Clifford W. Gilpin
Division Chief
Population dan Human Resources Division
Country Department III
East Asia and Pacific Regional Office
Through RSI

Re : Second Higher Education Development
Project (IBRD Loan No. 3311-IND)

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- My second concern is with the requirement for a control group. You propose having such a group in the methodology section, but I frankly do not understand exactly what you have in mind. Are you suggesting that the study team should select from among the 1-1.25 million senior high school graduates annually, do you mean a sample of tertiary drop-outs and, if so, from where, or what? Considering the practical acquiring of a sampling frame of graduates (in some cases these will have to be hand copied from large registers), I strongly suggest dropping the requirement for a control group from the TOR. I feel that there should still be scope in the research design to include sufficient variables to do the various types of comparisons.
- Third, although I agree with the need to review previous work, I wonder if even the successful bidder can be expected to accumulate much comparative information on other tracer studies on their own because of the confidential nature of most project reports. If you agree, I suggest that the Bank assists in providing relevant comparative materials, particularly from outside Indonesia, for use by the team.
- Finally, although you did not request this, I recommend modifying the requirement that selection be limited to provinces where there were a minimum of 5,000 graduates during the past three years. The Tim Koordinasi include this limitation originally when the idea was to include both PTN and PTS in the sample. The reason for this was to allow exclusion of some distant and sparsely populated provinces for reasons of overall cost. However, since you are now suggesting in the TOR that only a small number of purposively selected PTN be included as case studies, the requirement of 5000 graduates should be eliminated. I further suggest that the selected PTN should not be limited to the major universities only but should also include a few smaller universities.

EMPLOYER STUDY

- First a point of semantics. I suggest that the TOR maintain consistency with the new Education bill in which the terms "S1" and "S0" are no longer used but have been changed into "Sarjana" for academic education and "Diploma" for professional education.
- I am also concerned with the sampling methodology which requires the use of "1) appropriate employers of graduates as reported in the tracer studies". Use of such methodology would require this study to be carried out consecutively rather than simultaneously in respect to the Tracer Study. I feel, however, given the time constraints on the overall work and the difficulties involved this is a luxury that is likely to produce more problems than benefits. Hence our suggestion is to delete this particular part of the sampling requirements.

PTS STRATEGY PAPER

- Your version of the TOR does not yet address my message conveyed through Mr. Man-He You to the Tim Koordinasi several months ago on the issue of a potential need for more and better trained engineers to be produced by PTS in Indonesia's long term development strategy. I therefore suggest that this issue also be explicitly addressed in the TOR. Communications with Dr. David Clark have also led to a few additions to this particular TOR which are appended to this letter.

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Prof.Dr.Soekadji Ranuwihardjo

Director General of Higher Education

- cc.1.Director of Academic Affairs, DGHE
- 2.Director of Second Higher Education Project

c.surat-15/std-2

The World Bank

INTERNATIONAL BANK FOR RECONSTRUCTION AND DEVELOPMENT
INTERNATIONAL DEVELOPMENT ASSOCIATION

1818 H Street, N.W.
Washington, D.C. 20433
U.S.A.

(202) 477-1234
Cable Address: INTBAFRAD
Cable Address: INDEVAS

Ln. 3311-IND

Ac

February 21, 1992

Mr. Junichi Hasegawa
Chief Representative
The Overseas Economic
Cooperation Fund of Japan
2100 Pennsylvania Ave., N.W.
Suite 535
Washington, D.C. 20037-3202

Dear Mr. Hasegawa:

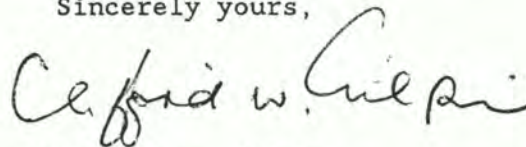
Thank you for sending us the draft Procedural Arrangement between the Overseas Economic Cooperation Fund (Japan) and the Bank for cofinancing for Second Higher Education Development Project (Environmental Study Centers Development project component) of the Republic of Indonesia.

We have no comments except for the following two typos:

- (a) year 1991 should be changed to 1992 (cover sheet and the second line on page 1); and
- (b) Article IV should read: Director, Country Department III, East Asia and Pacific Region, instead of Country Department V, Asia Region.

With best wishes,

Sincerely yours,



Clifford W. Gilpin
Division Chief
Population and Human Resources Division
Country Department III
East Asia and Pacific Region

Mr. Junichi Hasegawa

- 2 -

February 21, 1992

cleared with and cc: Ms. Nordlander (LEGEA)

cc: Messrs. El Maaroufi (EAPVP); Fisher (RSI)
Mmes. Davis (ASTEN), Montague o/r (EA3PH)

MHYou/mjm

The World Bank

INTERNATIONAL BANK FOR RECONSTRUCTION AND DEVELOPMENT
INTERNATIONAL DEVELOPMENT ASSOCIATION

1818 H Street, N.W.
Washington, D.C. 20433
U.S.A.

(202) 477-1234
Cable Address: INTBAFRAD
Cable Address: INDEVAS

February 17, 1992

Dr. O. Simbolon
Project Director for CPIU
Directorate-General of Higher Education
Depdikbud Gedung C, Lantai 18
Jl. Jenderal Sudirman, Senayan
Jakarta, Indonesia

Ln. 3311-IND

Dear Dr. Simbolon:

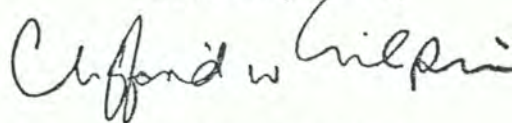
Re: Proposed Short-list of Consultants for Five Studies under HEDP II

Thank you for your letter dated January 30 faxed to us on February 12. We have no objection to your proposed short-list of consultants to be invited to submit their bids for the five studies included in HEDP II.

We are glad to learn through your telephone conversation with Mr. Man He You on February 11 that the Steering Committee for Research Quality Control has met twice to review and at a meeting on February 10 agreed on with our suggested revisions of the terms of reference for the studies except for tracer study. We are looking forward to receiving the Committee's reactions to our suggested modifications of the terms of reference for the tracer study.

With best wishes,

Sincerely yours,



Clifford W. Gilpin
Division Chief
Population and Human Resources Division
Country Department III
East Asia and Pacific Region

CC: Messrs. J. Hutagalung (Director of Budget Administration)
Y. Anwar (Director of External Funds, DG of Budget)

The World Bank

INTERNATIONAL BANK FOR RECONSTRUCTION AND DEVELOPMENT
INTERNATIONAL DEVELOPMENT ASSOCIATION

1818 H Street, N.W.
Washington, D.C. 20433
U.S.A.

(202) 477-1234
Cable Address: INTBAFRAD
Cable Address: INDEVAS

February 13, 1992

AIC

Dr. O. Simbolon
Project Director for CPIU
Directorate-General of Higher Education
Depdikbud Gedung C, Lantai 18
Jl. Jenderal Sudirman, Senayan
Jakarta, Indonesia

LN. 3311-IND

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Clifford W. Gilpin
Division Chief
Population and Human Resources Division
Country Department III
East Asia and Pacific Region

cc: Messrs. J. Hutagalung (Director of Budget Administration)
Y. Anwar (Director of External Funds, DG of Budget)

Dr. O. Simbolon

- 2 -

February 13, 1992

cc: Messrs. Lieberman, Rooskandar (o/r)
Mmes. Montague, VMU-RSI, Takeda, Deen

MHYou/mjm

Asia Files



DIREKTORAT JENDERAL PENDIDIKAN TINGGI, DEPARTEMEN PENDIDIKAN DAN KEBUDAYAAN
PROYEK PENGEMBANGAN PERGURUAN TINGGI BANTUAN LUAR NEGERI (P3T-BLN)
IBRD LOAN : NO. 2944-IND DAN NO. 3311-IND
DEPDIBUD Gedung C, Lantai 18
Jl. Jenderal Sudirman, Senayan - Jakarta - INDONESIA
Telp. 584565, 5707243 - Tromol Pos 3705 Jkt. 10002 Fax. 584565

Ref: NF. 1906 /0292 /CPIU /FEL

12 February , 1992

Mr. Clifford Gilpin
Chief Population and Human Resources Division
Country Department V, Asia Region
World Bank
Washington DC
Through RSI Jakarta

To Mr. Man He You (HQ)
by pondh, for Bank rep
provil -



Re : Second Higher Education Development Project,
IBRD Loan 3311-IND

Dear Mr. Gilpin,

As stated in Staff Appraisal Report (SAR), Report No. 9263-IND para 4.8 (e) page 33, and also in Aide Memoire Review Mission of June 1991 para 34 page 10, please be informed that we have made negotiation with Deutscher Akademischer Austausch Dienst (DAAD) for management of overseas training program leading to diplom degrees (5 students) and doctor degrees (7 studens) in Germany. As the result of negotiation we have agreed the cost of DM.527.530,18 (Five hundred twenty seven thousand five hundred thirty 18/100 Deutsche Mark) for duration of 3 years.

Please find enclosed the breakdown of the cost.
We request and look forward to your approval at your convenient time.

Thank you for your kind attention and cooperation.

Sincerely yours

[Signature]
Dr. O. Simbolon
Project Director

- cc- 1. Ms. Rozany Dear, RSI Jakarta
- 2. Mr. W. Rooskandar, RSI Jakarta.

SRT31\cliford

DATE RECEIVED	CONTROL No.
2-24-92	33-IND
RESPONSE DATE	3/2
<input type="checkbox"/> CABLE	<input checked="" type="checkbox"/> LETTER
<input type="checkbox"/> MEMO	
COPIED TO	RAY

Cost - Calculation HEDP-Project
(estimated costs as of October 1, 1991)

DOCTORAL CANDIDATES

Name (Expected end months)	Stipends	Book allowance	Health ins. allowance	Accident/ personal lia- bility allow.	Student adm. fees	Service fees (administr.fees)
1. ANWAR, Syaeful (WS 93/94= 31m.) ✓	49.600,--	1.860,--	3.380,--	64,48	310,--	5.456,--
2. ANTHONI, Tang (Dec. 93= 27 m.) ✓	43.200,--	1.620,--	3.510,--	56,16	270,--	4.752,--
3. ASLADI, Henki (July 93= 22 m.) ✓	35.200,--	1.320,--	1.430,--	45,76	220,--	3.872,--
4. HELOB SOEPRYANTO, * (Dec. 93= 27 m.) ✓	26.107,20	900,--	1.950,--	31,20	150,--	2.640,--
5. KETADIKARA, D.S. (Sept. 94= 36 m.) ✓	57.600,--	2.160,--	4.680,--	74,88	360,--	6.336,--
6. IBRAHIM, Budi (Sept. 94= 36 m.) ✓	57.600,--	2.160,--	4.225,--	74,88	360,--	6.336,--
⑦ PORTAS, Komala (Nov. 94= 36 m.) ✓	57.600,--	2.160,--	4.680,--	74,88	360,--	6.336,--
	326.907,20	12.180,--	23.855,--	422,24	2.030,--	35.728,--

* including field research (Rp. 200.000,--/175,60 DM) - 14 months (Jan.-Dec. 1992 and Nov./Dec. 1991)
3 months à DM 1.600,-- (Oct.-Dec. 1991) and 12 months à DM 1.600,-- (Jan.-Dec. 1993)

= DM 401.122,44 ✓

Cost Calculation HEDP-Project
(estimated costs as of October 1, 1991.)

- 2 -

Diplom Degree Candidates

Name (expected end = months)	Stipends	Book allowance	Health ins. allowance	Accident/ personal lia- bility allow.	Student adm. fees	Service fees (administr. fees)
1. ALI, Nurdin (July 92= 10m.) ✓	12.500,--	600,--	1.300,--	20,80	100,--	1.375,--
2. BARUS, Ternala (April 92= 7 m.) ✓	8.750,--	420,--	910,--	14,56	70,--	952,50
③ CHAIRULLAH-M. (Nov. 91= 2 m.) ✓	2.500,--	120,--	260,--	4,16	20,--	275,--
4. MULADI, Yuda (March 93= 18 m.) ✓	22.500,--	1.080,--	2.340,--	37,44	180,--	2.475,--
5. REDJEKI, Sri (Dec. 92= 15 m.) ✓	18.750,--	900,--	1.950,--	31,20	150,--	2.062,50
PONTAS, Komala (only Oct. 91) -see doctoral candidates)	1.250,--	60,--	130,--	2,08	10,--	137,50
	66.250,--	3.180,--	6.890,--	110,24	530,--	7.287,50

= DM 84.247,74

COST-CALCULATION HEDP-Project

{estimated costs as of December 10, 1991}

- 3 -

Non recurrent payments: (Annex II.II)

<u>I. Doctoral candidates:</u>	<u>Maximur payments</u>
7 candidates x DM 4.380,-- =	DM 30.660,--
II. 5 candidates x DM 2.300,-- = (without Special program allowance)	DM 11.500,--

DM 42.160,--

* Doctoral candidates:

Special program allowance up to	DM 680,--
Thesis costs b) Dr. thesis up to	DM 2.000,--
Laboratory chemicals etc. up to	DM 1.700,--
	<u>DM 4.380,--</u>

** Diplom degree candidates:

Thesis costs a) Diplom thesis up to	DM 600,--
Laboratory chemicals etc. up to	DM 1.700,--
	<u>DM 2.300,--</u>

Page 1: 401.122,44

Page 2: 84.247,74

Page 3: 42.160,--

DM 527.530,18
=====

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16:05

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P.05

OFFICE MEMORANDUM

Ln 2944 IND

Ln 3311 IND

Ln 2992 IND

DATE: February 7, 1992

TO: Ms. Brigitte Duces

FROM: Clifford W. Gilpin, Division Chief, EA3PH

IND - Education Sectn
(GIS) (Textbook)

EXTENSION: 82528

SUBJECT: INDONESIA - Supervision of First and Second Higher Education Development Projects (Ln-2944 and 3311-IND) and Tree Crops Human Resources Development Project (Ln 2992-IND); Possible follow-up of previous Textbook Development Project; Preparation of Geographic Information System Workshop. Terms of Reference

1. On or about February 23, 1992, you will arrive in Jakarta for a stay of about 4 weeks to review and prepare the following:

Loans 2944 and 3311-IND

Under separate terms of reference, you will assist Ms. R. Montague for one week in reviewing the information and library development components of both projects. You will assist Ms. Montague in the preparation of the aide-memoire on these projects and in the discussions with the government.

Loan 2992-IND

As a continuation of the supervision mission carried out in November on this project, you will follow up on the information systems components issues that were raised at that time. You will spend about 3 days on the review of this project.

Preparation of Geographic Information Systems (GIS) Workshop

You will prepare, for about 4 days, together with Ms. Rozany Deen from RSI a workshop on these applications to be held later this year; you will follow up with Mr. Boediono, the Head of the Information Center, Ministry of Education, on his request for assistance with GIS implementation.

Possible Follow-Up on Textbook Development Project

Under separate Terms of Reference and for approximately two weeks, you will accompany Mr. Willem Struben in discussions with government officials on the feasibility and possible scope for follow-up of the previous Textbook Development Projects.

2. While still in the field, you will prepare aide-memoires and brief notes, as required. The Bank's Resident Staff in Indonesia will

February 7, 1992

also be kept informed of the mission's findings. Upon your return, you will prepare a back-to-office report on the non-supervision components of the mission.

cc: Messrs./Mnes. Haug, Zincir (EA3DR), Bhattacharya (EA3CO), Montague, Struben (EA3PH), Maguire (ASTAG), RSI, Somerset (Sabeti/Deen/Rooskandar), Division Chron, Personal Chron

Asia Information Center

BD:scn
INDTOR

February 6, 1992

Drs. Sudjana Surawidjaja
Deputy for the Audit of State
and Regional Enterprises
BPKP Central Office
Jl. Hayam Wuruk No. 7
Blok A, 2nd fl.
Jakarta

Dear Drs. Surawidjaja:

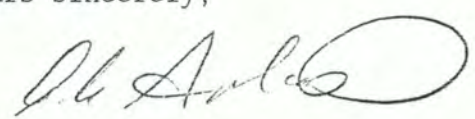
Ln. 3311-IND (Higher Education Development Project II)
Project Audit Arrangements

We refer to our letter addressed to Mr. Sukadji Ranuwihardjo, the DG of Higher Education dated February 6, 1992 which was copied to you on the accounts and audits requirement for the above mentioned project. As you know, the Bank wants a consolidated statements of financial activity of the project and the audit opinion for this consolidated statement should be the one submitted to the Bank. For this purpose we introduce standard formats for the consolidated accounts as well as those for each component of the project.

As you can appreciate that we attach importance to ensuring that the financial activities of the Bank-financed projects are accounted for and audited in a meaningful and acceptable way. Hence, I would be most grateful if you would render your assistance to take the necessary arrangements for audit of this project.

With kind regards,

Yours sincerely,



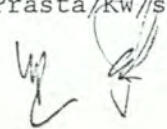
Ali Sabeti
Chief, Operations Staff
Resident Staff in Indonesia

bcc: Messrs. MHYou; WRooskandar (RSI)

File: 3311 (Disb.)

LO : A-EXT.

YPrasta/KW/st



February 6, 1992

Prof. Dr. Sukadji Ranuwihardjo
Director General Higher Education
Department of Education & Culture
Jl. Jend. Sudirman
Senayan
Jakarta

Dear Prof. Ranuwihardjo:

Ln. 3311-IND (Second Higher Education Development Project)
Project Accounts and Audits Requirement

Reference is made to the above stated loan agreement whereby the Bank wants a single consolidated statement of financial activity of the project to a detail and agreed format. And, this consolidated statement should be the one examined and reported upon by independent auditors (BPKP) and for submission to the Bank no later than 9 months after the end of each fiscal year.

As indicated in the SAR of the project, it is expected that the Central Project Implementation Unit (CPIU) under DGHE would be responsible to consolidate the accounts from various project components. Since such consolidation of accounts would only be practical if its format is standardized, I attach herewith the formats of the consolidated accounts as well as those for each component or sub component of the project:

a. Consolidated Project Accounts

Forms Aa-0 & Ac-0: Annual and Cumulative Project Accounts by
Project Components

Forms Ba-0 & Bc-0: Annual and Cumulative Project Expenditures by
Summary Accounts

The above consolidated project accounts should be collated from the project component accounts by the CPIU and its audit opinion should be submitted to the Bank.

b. Project Components' Account (Forms A- and B-)

Each component of the project should prepare its accounts according to these formats. These project component accounts should then be reported to the CPIU and be used to construct the consolidated accounts. The audit reports for each project component should not be submitted to the Bank.

Please also find attached as Annex 1 the coding, brief descriptions and details of expenditures summary of the project components.

.../2

February 6, 1992

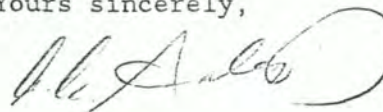
We would be most grateful if you would made the necessary arrangements to ensuring that each project component would prepare their accounts according to the above formats so that the consolidated accounts may be constructed and submitted to BPKP for audit in a timely manner.

In addition, we request that the financial statements (unaudited) as in the above formats be reported to us on semi-annual basis as part of the project progress report (ref. SAR para 3.39). The reports covering period from April to September are due by October 30, and from April to March are due by October 31, each year.

In view of BPKP's involvement in this regard, we are copying this letter to Mr. Sudjana Surawidjaja of BPKP so that the necessary measures on audit arrangements for this project could be taken.

With kind regards,

Yours sincerely,



Ali Sabeti
Chief, Operations Staff
Resident Staff in Indonesia

Attachments

cc: 1. Mr. Sudjana Surawidjaja, Deputy IV, BPKP Pusat
2. Mr. O. Simbolon, Director CPIU, MOEC

7 Feb 1992
cw & bcc: Mr. Man He You (EA3PH), Mr. Rooskandar (RSI)

File: 3311-IND

LO : A-EXT

YPrasta/KW/st



The World Bank /

RESIDENT STAFF IN INDONESIA
Phone: 5207316 • Fax: 5200438 • Cable: INTBAFRAD JAKARTA • Telex: IBRD IA 62141

P.O. Box 324/JKT, Jakarta 12940 Indonesia

TP
file LA

January 31, 1992

Mr. Jannes Hutagalung
Director for Budget Administration
Department of Finance
Jl. Lapangan Banteng Timur 2-4
Jakarta

Dear Mr. Hutagalung:

Loan 3311-IND (Higher Education II Project)

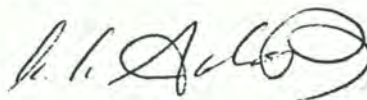
Further to Mr. Simbolon's letter No. 4793/0192/CPIU/FIN-WB dated January 22, 1992 requesting the Bank to increase the SOE thresholds for categories 1 and 2 of schedule 1 of the loan agreement, we are pleased to advise you that the Bank has agreed to such request and therefore revise the thresholds to read as follows:

<u>Category</u>	<u>Description</u>	<u>SOE Threshold</u>
1	Civil Works	<US\$500,000
2	Equipment, Books, Journal, Furniture Instructional materials	<US\$500,000
3	Overseas Training	<US\$200,000
4	In-country Training	all SOE
5	Technical Assistance	<US\$200,000
6	Research	<US\$200,000
7	Project Management	all SOE

We would appreciate your informing the relevant KPKN offices on the above changes.

With best regards,

Yours sincerely,



Ali Sabeti
Chief Operations Staff
Resident Staff in Indonesia

cc.: Dr. O. Simbolon, Project Director HEDP II, MOEC
Mr. Abubakar Karim, Manager, Bagian DBM1, Bank Indonesia

cc&cw: Messrs. MHYou (EA3PH) ^{cleared}, HKim (LOAS) ^{cleared}
bcc: WRooskandar (RSI) ^{ET 1/31/92}

File: 3311-IND
LO : MI/leg.
YPrasta/ul



TP

A L L - I N - 1 N O T E

DATE: 30-Jan-1992 05:22pm

TO: Yogana Prasta

(YOGANA PRASTA AT A1 AT JKRTA)

FROM: Hyung Kim, LDAAS

(HYUNG KIM)

EXT.: 82402

SUBJECT: RE: 3311-IND (HEDP II) SOE THRESHOLDS

Yogana:

Many thanks for your Fax and EM on the subject. I assume Mr. You (TM for the project) had discussed with you and agreed to increase the SOE thresholds for Cat (1) and Cat (2). Considering that the first project has already \$0.5 million threshold for these categories and that this Second Project has even larger allocations for Cat (1) and Cat(2), I would support the increase of SOE threshold for Cat (1) and Cat (2) to \$0.5 million.

Regards,
Kim

CC: CLIFFORD GILPIN

(CLIFFORD GILPIN @A1@VAX12)

CC: Datin Yudha

(DATIN YUDHA AT A1 AT JKRTA)

CC: HYUNG KIM

(HYUNG KIM @A1@VAX12)

TP
file LA

The World Bank /

RESIDENT STAFF IN INDONESIA
Phone: 5207316 • Fax: 5200438 • Cable: INTBAFRAD JAKARTA • Telex: IBRD IA 62141

P.O. Box 324/JKT, Jakarta 12940 Indonesia

January 31, 1992

Mr. Jannes Hutagalung
Director for Budget Administration
Department of Finance
Jl. Lapangan Banteng Timur 2-4
Jakarta

Dear Mr. Hutagalung:

Loan 3311-IND (Higher Education II Project)

Further to Mr. Simbolon's letter No. 4793/0192/CPIU/FIN-WB dated January 22, 1992 requesting the Bank to increase the SOE thresholds for categories 1 and 2 of schedule 1 of the loan agreement, we are pleased to advise you that the Bank has agreed to such request and therefore revise the thresholds to read as follows:

<u>Category</u>	<u>Description</u>	<u>SOE Threshold</u>
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4	In-country Training	all SOE
5	Technical Assistance	<US\$200,000
6	Research	<US\$200,000
7	Project Management	all SOE

must go back to 200,000
check my copy

We would appreciate your informing the relevant KPKN offices on the above changes.

With best regards,

Yours sincerely,

Ali Sabeti
Chief Operations Staff
Resident Staff in Indonesia

cc.: Dr. O. Simbolon, Project Director HEDP II, MOEC
Mr. Abubakar Karim, Manager, Bagian DBM1, Bank Indonesia

cc&cw: Messrs. MHYou (EA3PH), HKim (LOAS) ^{cleared}
bcc: WRooskandar (RSI) ^{cleared 1/31/92}

File: 3311-IND
LO : MI/leg.
YPrasta/ul

OFFICE MEMORANDUM

Ln 2547-Ind
Ln 2944-Ind
Ln 3311-Ind.

DATE: January 31, 1992

TO: Mss. R. Montague and B. Duces, EA3PH

FROM: Clifford W. Gilpin, Chief, EA3PH

EXTENSION: 82528

SUBJECT: INDONESIA - Supervision of the Second University Development Project (Loan 2547-IND) and the First and Second Higher Education Development Projects (Loans 2944 and 3311-IND)
Terms of Reference

1. On or about February 23, 1992, you will arrive in Jakarta for a stay of about 10 days to review progress in implementation of the Second University Development Project (Loan 2547-IND) and the first and Second Higher Education Development Projects (Loans 2944 and 3311-IND). Ms. Montague will review the Second University Development Project while both of you will review the first and Second Higher Education Development Projects. Under separate terms of reference, Ms. Montague will also assist with supervision of the Second Secondary Education and Management Project (Loan 3158-IND).

2. As the time is limited, you will focus on those issues highlighted by the previous mission's aide-memoire as follows:

Loan 2547-IND

- (a) sustainability of the Inter-university Centers including:
 - (i) the possibility of merging them into their host universities; and
 - (ii) adequate budgets to ensure that their operations will extend beyond the closing of the project on December 31, 1992;
- (b) action toward requiring the IUCs to compete with other institutions for research funds and toward establishing strong national research journals;
- (c) plans for technical staff training for the analysis and instrumentation laboratories; and
- (d) extension of the contract with MUCIA and submission of the required audit reports.

Loans 2944 and 3311-IND

- (a) establishment of the management information system, improvement in educational statistical indicators and the results of the January 1992 MIS seminar;

- (b) appointment of an automation person to the library staff, arrangement for further funding of the library consultant and progress toward procurement of the library automation system and of books and journals;
- (c) the schedule for bidding for the remaining laboratory, computer and audio-visual equipment;
- (d) the schedules for undertaking the policy studies;
- (e) the possibility of establishing a Directorate of Higher Technical Education within DGHE to deal with autonomous polytechnics;
- (f) funding for the Environmental Study Centers from all sources and the issue of ESC criteria for promotion of university environmental science staff; and
- (g) the projects' budgets for FY92/93 and preparation of the reports required by both Loan Agreements on the funding of the higher education program both for the current and next fiscal years and on the audits of the projects' accounts.

3. While still in the field, you will prepare aides-memoire for the three projects to be discussed with the Government. The Bank's Resident Staff in Indonesia will also be kept informed of the mission's findings. Upon your return to Washington, you will together prepare limited supervision reports based upon the aides-memoire.

cc: Messrs./Mmes. Haug, Zincir, Bhattacharya, Swannack-Nunn, Duces, You, Escudero, Kim, Fisher/Rooskandar/Sabeti/Deen, RMontague chrons, Div. chrons, Asia Information Center

RMontague:mb
b:torall

The World Bank

INTERNATIONAL BANK FOR RECONSTRUCTION AND DEVELOPMENT
INTERNATIONAL DEVELOPMENT ASSOCIATION

1818 H Street, N.W.
Washington, D.C. 20433
U.S.A.

(202) 477-1234
Cable Address: INTBAFRAD
Cable Address: INDEVAS

January 27, 1992

Dr. O. Simbolon
Project Director
Higher Education Development Project
Department of Education and Culture
Jakarta, Indonesia

Dear Dr. Simbolon:

Re: First and Second Higher Education Development Projects
(Loans 2944 and 3311-IND)

1. As Mr. Rooskandar has mentioned to you, we would like to propose a visit to Jakarta by Ms. Ruth Montague and Ms. Brigitte Duces, Bank staff members, to review progress in implementation of these projects. They plan to be in Jakarta from February 24 to March 4, 1992. As their time is limited, they will focus mainly on the issues raised in the aide-memoire drawn up by the previous review mission in October/November 1991.

2. The mission will therefore focus specifically on the following:

- (a) establishment of the management information system, improvement in educational statistical indicators and the results of the January 1992 MIS seminar;
- (b) appointment of an automation person to the library staff, arrangements for further funding of the library consultant and progress toward procurement of the library automation system and of books and journals;
- (c) the schedule for bidding for the remaining laboratory, computer and audio-visual equipment.
- (d) the schedules for undertaking the policy studies;
- (e) the possibility of establishing a Directorate of Higher Technical Education within DGHE to deal with autonomous polytechnics;
- (f) funding for the Environmental Study Centers from all sources and the issue of ESC criteria for promotion of university environmental science staff; and
- (g) the projects' budgets for FY92/93 and preparation of the reports required by both Loan Agreements on the funding of the higher education program both for the current and next fiscal years and on the audits of the projects' accounts for FY90/91, all of which were due at the Bank on December 31, 1991.

January 27, 1992

3. We would appreciate your informing us if the proposed timing of the mission is convenient.

With kind regards,

Sincerely yours,

Clifford W. Gilpin
Division Chief
Population and Human Resources
Country Department III
East Asia and Pacific Regional Office

UN. 3311-IND

TERMS OF REFERENCE

1-16-92

TRACER STUDY

Introduction

The tracer study team will conduct one of three interrelated policy studies whose purpose is to assist policy makers in making higher education more responsive to the changing needs of the Indonesian economy. The other policy studies are an employer survey of university graduate employment and a unit cost of education study. The tracer study and employer survey will provide information about the labor market success, particularly in the private sector, for recent graduates from public universities that, along with estimates of relative costs of education from the unit cost study, will assist policy makers in fashioning investment, reallocation, and curriculum decisions about higher education.

The organization in charge of the overall set of policy studies and who will assist in the dissemination of results is the Tim Koordinasi Studi Kebijakan Pendidikan Tinggi. Tim Koordinasi will assist the various study teams, coordinate their activities, encourage cooperation among them, and facilitate discussions between the researchers and decision makers, in and out of the Ministry of Education.

The responsibilities of the tracer study team will be to:

- conduct tracer studies about the employment of recent graduates;
- make initial analyses of the data;
- participate in an ongoing discussion with the Employer Survey Team, the Unit Cost of Education team, Tim Koordinasi, and decision makers about how the data can be used to fashion policies that will make public higher education more responsive to the needs of the growing private sector of the Indonesian economy; and
- make recommendations concerning setting up a permanent tracer study system, particularly in the polytechnics.

Objectives of the Tracer Studies

The tracer studies are to be personal and mail surveys of recent graduates from a representative sample of public institutions of higher education about their job seeking and employment record since leaving school. The survey will focus on employment in the private sector.

The survey will collect information about the respondents' personal characteristics and his or her job-seeking and employment since graduation, by field of training (faculty) and if necessary by field of study (department), or sub-discipline (study program). Data to be collected will include:

Is the respondent currently working, looking for work, or what? If working, is it work in the private sector, public sector, or where? What is the occupation and industry? What is the rate of pay (including the value of the 'add-ons')? Has the respondent received any additional education and/or training? Is the work relevant to the higher education? What parts of his education are most useful in his/her job?

If not working, is the respondent looking for work? What kind of work, at what rate of pay? What does the graduate do to look for work? How does he or she support oneself? What other jobs, if any, has the respondent held since graduation? How long did it take to get the first job? Why did the respondent change jobs?

The general issues to be investigated are about the relation between the graduate's job success, particularly in the private sector, and his or her education, while taking into account personal characteristics including gender and family background. In particular:

After taking into account personal characteristics and family background are graduates from some universities, faculties, or study programs more successful in private sector employment than are others?

What is the reason for the high rate of unemployment among new graduates: is unemployment concentrated among particular types of graduates? What is the role of different factors, e.g., the education and occupation of parents, marital status, prior work experience, etc., in forming job/wage expectations? Are unemployed graduates realistic in their job expectations? What is the relation between initial unemployment and later job success?

Finally, the team should also suggest ways in which DGHE can continue to monitor the graduate employment situation (e.g., regularly commissioned tracer studies, modifications in SAKERNAS).

Methodology

The team should begin their study with an intensive review of the tracer studies that have been completed or are already in process and, wherever feasible, incorporate past results in their analyses.

The sample of respondents for this study will be taken from 1988, 1989, and 1990 graduates from a representative sample of public universities and polytechnics. Graduates from IKIPs and art institutes are excluded. Also excluded are graduates from medical, dental, and veterinary faculties and any other faculty where a preponderance of graduates go into the public sector. A control group should also be selected, and the proposal should specify on what basis the control group is to be chosen. The total sample (control and treatment) size should be large enough to eventually obtain 8,000 to 10,000 usable questionnaires. An approximate geographic division of the sample is as follows: about three-fifths from Java, one-fifth from Western Indonesia, and one-fifth from Eastern Indonesia. Within this broad division samples should include those provinces in which the higher education system has produced at least some 5,000 graduates during the last three years. Clearly state in the technical proposal the name of institutions (faculties or department, or study programs) for which sample graduates are going to be included in this tracer study, and the total number of names that the study team will begin with. Obtaining the list of graduates is the responsibility of the tracer study team. The list of graduates to be contacted may be a random sample but the sample must be taken from the graduation list of the relevant faculty, university, or polytechnic. Verification of the current address will probably be done by mail.

Once a list of graduates with up-to-date addresses has been established a suggested approach to the data collection process would include 4 steps (1) pretest and fine-tune the questionnaire with a small sample of respondents; (2) once experience has been gathered about the success and feasibility of the questions on the questionnaire, use a mail survey for those not yet contacted; (3) supplement the mail survey with intensive interviews if necessary; and (4) locate and interview a sample of at least 10% of those not yet contacted under the previous steps, so as to estimate non-response bias.

Research methodologies, survey instruments, and the choice of universities and polytechnics to be sampled are the responsibility of the tracer study team but need approval of the Tim Koordinasi Studi Kebijakan Pendidikan Tinggi. The tracer study team's responsibilities also include making initial analyses. Data collected by the team will also be made available to Tim Koordinasi in a machine readable format. The team is part of a larger set of policy studies and is expected to contribute to all parts of the study. For example, insights from the tracer studies may give further

meaning to data from the employer surveys. The team will also be expected to participate in further analyses as discussions with policy-makers proceed.

Proposals from those lembaga submitting bids should include the team's own perception of the task of the entire set of policy studies as well as that of the tracer study team; suggested methodology for obtaining information; potential sample sizes; how personal interviews are to be conducted and mail questionnaires to be distributed; and how information might be analyzed to meet the purposes of the project.

Time Schedule

The tracer study data should be collected, initial analyses conducted, and a machine readable set of data be provided the Tim Koordinasi Studi Kebijakan Pendidikan Tinggi within twelve months after the contract is signed. The team will also have the responsibility of participating in further discussions and making additional analyses after the twelve months is over and throughout whatever preparations are being made for REPELITA VI and the planning of a possible third time slice loan.

Budget

The proposal should include a proposed budget for carrying out the entire work of the project; that is, for the data gathering and initial analyses to be completed during the first twelve months of the sub-project; for the participation by principal members of the team in discussions and possible further analyses as the dialogue with policy makers proceeds; and for setting up a permanent tracer study system, particularly in the polytechnics, based upon the experience in the project and subsequent policy discussion. The proposed budget should not include funds for a steering committee. The steering committee for this policy study will come from the Tim Koordinasi Studi Kebijakan Pendidikan Tinggi. The only personnel funds to be included in the budget are for the team leader and other members of his or her staff who will be participating directly in the tracer studies project described in the proposal.

Additional Information

Also to be included in the proposal is the following information about the lembaga and the principal members of the study team: their experience and background in carrying out labor market studies; their familiarity with previous tracer studies; their experience and background in carrying out and analyzing data from large survey research projects; the availability and their experience in the use of statistical packages for the PC such as SPSS or SAS; and, for the principal members of the team, what percent of their time they will devote to the project.

TERMS OF REFERENCE

EMPLOYER SURVEY

Introduction

The employer survey team will conduct one of three interrelated policy studies whose purpose is to assist policy makers in making higher education more responsive to the changing needs of the Indonesian economy. The other policy studies are an tracer study about employment of recent university graduates and a unit cost of education study. The employer survey and tracer study will provide information about the labor market success, particularly in the private sector, for recent graduates from public universities that, along with estimates of relative costs of education from the unit cost study, will assist policy makers in fashioning investment, reallocation, and curriculum decisions about higher education.

The organization in charge of the overall set of policy studies and who will assist in the dissemination of results is the Tim Koordinasi Studi Kebijakan Pendidikan Tinggi. Tim Koordinasi will assist the various study teams, coordinate their activities, encourage cooperation among them, and facilitate discussions between the researchers and decision makers, in and out of the Ministry of Education.

Objectives

The main responsibility of the employer survey team is to conduct employer surveys, particularly among private sector employers in those sectors of the economy with the potential for rapid growth, like finance and export-oriented manufacturing, to find out their recent experience regarding the hiring of graduates from institutions of higher education. It is expected that the data and analyses coming from the employer surveys will be of major importance to those making decisions as to what changes in the curriculum, if any, are required to meet the needs of a changing economy. It is also expected that the team will provide data and analysis that will assist those policy-makers making decisions about investment in additional, or in reallocation of existing higher education resources. Finally, the teams should suggest how, subsequent to this survey, DGHE can monitor employer's preferences and actions as regards graduates. For instance, should DGHE continue to commission employer surveys on a regular basis? Or should it arrange to have a module included in the annual industry census?

It is expected that three types of information will be elicited from employers:

- 1) Employer characteristics, such as industry, size, patterns of growth in sales and employment, markets (export or local), type of ownership, type of management (e.g. family ownership, professional management).
- 2) Employer actions--what employers are actually doing-- regarding university/polytechnic graduates:
 - a. How many graduates from which institutions of higher education (public and private, S0 and S1) and which faculties have been hired recently? What jobs do they do? What training do they receive? What are they paid? etc.
 - b. How do they hire such graduates? Do they recruit from particular schools, or through friends, or advertisements, or what?
 - c. Questions should also be asked regarding skills or occupations that are thought to be particularly important in a private firm like engineering, accounting, managers, etc.:

- (1) what do engineers, accountants, managers, etc. actually do?
 - (2) how are those skills now being obtained? Who is doing the work; how did they get their skill?
 - d. Questions should also explore the extent to which in-service training (of different types) is provided to graduates.
- 3) Employer opinions regarding university/polytechnic graduates:
- a. What are employers looking for when they hire a graduate: is it particular skills, general education, general ability, attitudes toward work, or what?
 - b. From which particular institution of higher education do they prefer to hire graduates?
 - c. Have the employers been satisfied with those they have hired? Is their education relevant to the work they are asked to do?
 - d. Are the capabilities of graduates being fully utilized? Have they had additional training? Have they had enough additional training?
 - e. Regarding those skills or occupations that are thought to be particularly important in a private firm like engineering, accounting, management, etc.:
 - (1) which is more important, education or training?
 - (2) which is more appropriate, S1 or S0 education?
 - f. What about foreign employees brought in with foreign investment: what is their background? what sort of Indonesian education would best facilitate technology transfer?

In analyzing the data regarding employer actions and opinions the study team should consider the extent to which the characteristics of the firm influence the market for university and polytechnic graduates.

Methodology

Survey instruments and research methodology are the responsibility of the employer survey team but need to be worked out in cooperation with the Tim Koordinasi Studi Kebijakan Pendidikan Tinggi. Consideration should be given to organizing group meetings of employers in the attempt to accurately measure employer opinions.

The team should begin their study with an intensive review of what has already been done regarding surveys of employer needs for persons with university education and, wherever feasible, incorporate past results in their analyses.

The sample of employers to be contacted will be decided in cooperation with the Tim Koordinasi Studi Kebijakan Pendidikan Tinggi. The list will come from two sources: (1) appropriate employers of graduates as reported in the tracer studies; and (2) private sector employers in sectors of the Indonesian economy with the potential for rapid growth such as manufacturing or supporting services.

The team's responsibilities will include developing research methodologies and survey instruments, supervising data collection, and making initial analyses. Data collected by the team will also be made available to the Tim Koordinasi Studi Kebijakan Pendidikan Tinggi in a machine readable format. The team is part of a larger project and is expected to contribute to all parts of the project. For example, insights from the employer study may give further meaning to data from the tracer studies. The team will also be expected to participate in further analyses as discussions with policy-makers proceed.

Time Schedule

The time schedule: the employer survey data should be collected, initial analyses conducted, and a machine readable set of data be provided the Tim Koordinasi Studi Kebijakan Pendidikan Tinggi within eighteen months after the contract is signed. The team will also have the responsibility of participating in further discussions and making additional analyses after the eighteen months is over and throughout whatever preparations are being made for REPELITA VI and the planning of a possible third time slice loan.

Proposals from those submitting bids should include the team's own perception of the task of the entire set of policy studies as well as that of the employer survey team; suggested methodologies for obtaining information including sample size, survey design, and how group meetings might be organized; and, how information might be analyzed to meet the purposes of the project.

Budget

The proposal should include a proposed budget for carrying out the entire work of the project; that is, for the data gathering and initial analyses to be completed during the first eighteen months of the project; and for the participation by principal members of the team in discussions and possible further analyses as the dialogue with policy makers proceeds. The proposed budget should not include funds for a steering committee. The steering committee for this policy study will come from the Tim Koordinasi Studi Kebijakan Pendidikan Tinggi. The only personnel funds to be included in the budget are for the team leader and other members of his or her staff who will be participating directly in the employer studies project described in the proposal.

Additional Information

Also to be included in the proposal is the following information about the lembaga and the principal members of the study team: their experience and background in carrying out labor market studies; their experience and background regarding private sector employment practices; their familiarity

with previous employer surveys; their experience and background in carrying out and analyzing data from large survey research projects; the availability and their experience in the use of statistical packages for the PC such as SPSS or SAS; and, for the principal members of the team, what percent of their time they will devote to the project.

TERMS OF REFERENCE

STRATEGY PAPER FOR THE DEVELOPMENT OF PRIVATE HIGHER EDUCATION

Private institutions of higher education are an important part of higher education in Indonesia. Indeed, more than one-half of all students entering higher education are going to a private institution. The Basic Development Policy on Higher Education (KDPPT) established by the Ministry of Education in 1975 pointed to the goal of a National System of Higher Education which includes both public and private universities. Later the DGHE declared a policy of *Pola Tunggal*. Strictly translated the phrase means single pattern; broadly interpreted the phrase means that PTS should get the same treatment, or perhaps the same opportunities as the PTN. Most recently the new education law of 1989 has decreed that there be one national system of higher education.

To date the government has initiated a number of programs to both control and assist PTS, such as: an accreditation system for PTS which is maintained by DIKTI; some PTN staff are seconded to PTS; fellowship programs for upgrading PTN staff have been, to some extent, extended to PTS staff; some bilateral and multilateral development funds are going to PTS, such as the funds for common PTS growth centers in the Second Higher Education Development Project funded by the World Bank.

Under these Terms of Reference the Study Team is asked to prepare an independent view of policy options and policy suggestions that would assist the DGHE in developing a strategy toward the development of private universities that would meet his responsibilities under KDPPT, *Pola Tunggal*, and the new education law. An important part of the report from the Study Team--which would also provide the basis for compiling the list of policy options and policy suggestions would be: (a) a framework of economic analysis useful for understanding the operation of Indonesian PTS and the impact of current and potential government policies; and (b) a data set, based on a sample survey, providing a description of various PTS and how they fit into the current system of higher education.

The purpose of the economic analysis is to develop a framework for understanding and explaining how PTS operate. For instance, one should expect that a PTS completely funded by tuition fees and dependent on attracting students willing to pay those fees would concentrate on low cost labor intensive programs in subjects believed to have a direct labor market payoff. Examples would be study programs in management or accounting taught in large classes. Study programs in the humanities (possible low cost but without an evident labor market payoff) or in engineering (perhaps a direct labor market payoff but requiring higher fees and a substantial capital base) would be rare. Another illustration is that the PTS, dependent on private fees, would be unlikely to be producing any public goods like research or public service. A second part of the economic analysis would be to look for signs of market failure within the system particularly among PTS. By market failure is meant either an inefficient allocation of resources or a failure to move toward particular social goals. Perhaps there are problems with capital markets for schools or for students. Perhaps there are substantial transaction costs in meeting government regulations. The analysis should include the apparent reasons for the failure and what policy changes might be needed to correct the situation. A third part of the economic analysis would be a consideration of the effects of the current programs to assist and control PTS.

A sample survey would be used to produce the database on PTS. The survey should be large and regionally differentiated enough to provide a representative picture. (The proposal should specify the sampling methods and coverage that are envisaged; it should also indicate how DGHE could go about updating survey results through follow-up rounds.) The database should preferably include items such as:

- 4) a description of the private schools, according to level of accreditation and location, including:
 - a. enrollments and most recent number of yearly graduates by degree or non-degree, level (S0, S1, or whatever), and major field;
 - b. number, qualifications, and status (part-time, full-time; permanent, temporary) for staff;
 - c. capital assets;
 - d. sources of capital funds; sources of recurrent funds;
 - e. legal status; ownership and control; tax status; religious affiliation if any;
 - f. characteristics of students: sex, age, qualifications, family background;
 - g. student costs; expectations of students in the PTS; quality of the information about the various PTS that is readily available.
- 5) Comparisons of PTS with the role currently being played by PTN regarding
 - a. Which students are being served
 - b. the extent to which PTS are simply meeting excess demand for higher education
 - c. the levels and types of educational programs
 - d. quality of graduates;
 - e. Research and public service.
- 6) Current policies and controls over the PTS
 - a. Policies of assistance and the extent to which these are implemented
 - b. Controls and regulations.

On the basis of the data and analysis the Study Team would draw up a list of feasible policy options for consideration by the DGHE. The purpose of this paper is not to provide the DGHE with a strategy. Instead it should offer the database and a list of policy options along with a framework of analysis that can be used to judge the economic feasibility and calculate the costs and benefits of various strategies that can assist the DGHE in meeting his responsibilities toward developing one national system of higher education.

Time Schedule

The time schedule: the strategy paper team should begin immediately after the contract is signed and an interim report be submitted to the Tim Koordinasi Studi Kebijakan Pendidikan Tinggi within twelve months after the contract is signed. The team should anticipate considerable discussion of the

interim report following its submission, after which a final report will be made. The final report will be due no later than eighteen months after the contract is signed. The team will also have the responsibility of participating in further discussions throughout whatever preparations are being made for REPELITA VI and the planning of a possible third time slice loan.

Proposals from those submitting bids should include the team's own perception of the issues involved, and how they propose to collect data for the database and develop the economic framework.

Budget

The proposal should include a proposed budget for carrying out the entire work of the project; that is, for collection of data; for carrying out the economic analysis; for the preparation of the interim report; and for the participation by principal members of the team in discussions and possible further analyses as the dialogue with policy makers proceeds. The proposed budget should not include funds for a steering committee. The steering committee for this policy study will come from the Tim Koordinasi Studi Kebijakan Pendidikan Tinggi. The only personnel funds to be included in the budget are for the team leader and other members of his or her staff who will be participating directly in the preparation of the strategy paper described in the proposal.

The principal members of the team should include at least one research economist. To be included in the proposal is the following information about the lembaga and the principal members of the study team: their academic background and research experience dealing with issues of higher education, particularly their experience and background in public policy toward private institutions of higher education; and, for the principal members of the team, what percent of their time they will devote to the project.

The World Bank

INTERNATIONAL BANK FOR RECONSTRUCTION AND DEVELOPMENT
INTERNATIONAL DEVELOPMENT ASSOCIATION

1818 H Street, N.W.
Washington, D.C. 20433
U.S.A.

(202) 477-1234
Cable Address: INTBAFRAD
Cable Address: INDEVAS

16
January 28, 1992

Dr. Soekadji Ranuwihardjo
Director General
Directorate General of Higher Education
Jl. Jend. Sudirman Pintu I Senayan
Jakarta Pusat
Indonesia

ln. 3311-IND

Dear Dr. Soekadji:

Thank you for sharing with us the Terms of Reference for the forthcoming policy studies to be supported under the Bank's Second Higher Education Development Project. We have circulated the TORs widely in the Bank. Following are our comments and suggestions.

One general reaction, before getting to the TORs, is that the program of studies may be becoming too ambitious, relative to the resources available under the project. By itself, the Tracer Study, as presently conceived, looks as though it may absorb a very large share of the funds on hand, and may also take longer than anticipated because of inherent complexities. Some of our colleagues in the research wing of the Bank suggested that you consider carrying out the tracer study as an illustrative effort, focussing on a small number of purposely selected universities, to demonstrate what can and ought to be done routinely. More money could presumably then be applied to other critical studies including the private education strategy exercise.

There was considerable discussion here concerning the TOR for the Strategy Paper for the Development of Private Higher Education. The issues are, of course, of great importance to you and to us. However we are concerned that little of substance may come out of the draft TOR that you sent us. The emphasis in your TOR is on obtaining the views and opinions of a number of experts. We would suggest, instead, that you ask the study team to concentrate on developing an economic framework for understanding the rapid growth of PTS that has occurred (and how PTS operate) and gathering data with which to evaluate such a framework. Enclosed is a draft TOR that we have prepared for your consideration which we believe to be a productive way of approaching these important issues.

There was also considerable discussion of the TORs for the Tracer Study and Employer Survey. For these TORs, we agree with what you propose to have done. The only modifications we suggest are ones of emphasis and elaboration, with little if any substantive change. Enclosed are new drafts for the Tracer Study and Employer Survey TORs containing the changes we suggest.

For both TORs, the Tracer Study and Employer Survey, we propose a more extensive introduction. There are two reasons for the expanded introduction. For one, readers here in the Bank who were unfamiliar with these studies did not realize from your TORs the extent of cooperation that is to be expected from the various study teams and the role of the Tim Koordinasi. The second reason is that we think the bidders should get more information about the issues and the decisions that have to be made--the reasons to undertake these studies. In other words, those persons who are going to do the tracer studies and employer surveys should be clear about how their data will be used, what is expected to come out of their study, and what is expected to happen after the teams complete their data collection and initial analyses.

The other suggestions about the Tracer Study TOR that are included in our proposed draft are:

we have added some wording about the emphasis on private sector employment. We think that the study team should try to pick up all types of employment whether for government or private or whatever but there should probably be some of the questions in the interviews that are directed at, say, interest in or job search for jobs in the private sector.

It is not fully clear in your draft whether the tracer studies cover only PTN (including polytechnics) or PTS as well as PTN. It is our opinion that the tracer studies and unit cost study should be confined to PTN, and have adjusted the wording accordingly. The reasons for confining the tracer study to PTN are as follows:

the policy questions raised in the introductory part (regarding investment and reallocation of resources and probably curriculum as well) are all issues about policies toward the public universities.

there are enough important issues to deal with just for the PTN without bringing policy issues regarding PTS into the picture (which are yet to be addressed in the Strategy Paper study).

if the tracer studies are expanded to too many universities the size of the sample will be too small to make conclusions about smaller units like faculties and study programs.

Under the section Objectives section we have added wording designed to make it more clear to the bidder what is expected of the tracer study team.

In your draft TOR the sample is to be chosen from "'89 '90 and '91 graduates" We suggest instead that the sample comes from '88, '89, and '90 graduates. We are concerned that most of the '91 graduates will have very little labor market experience to relate. Since so little happens immediately in Indonesian labor markets we think you would lose a lot of information by including the recent graduates ('91) and not collecting data about the '88 graduates who, hopefully, are more likely to be settled into permanent jobs and therefore can give better information about relevance of education, etc. (Reasonably accurate information about how quickly graduates are getting work can come from asking the '90 graduates retrospective questions how long it took them to find their first job.)

Your draft tracer study TOR refers to "a total sample size of between 10,000 and 15,000 respondents". We are not sure how the bidders will interpret those numbers and we are also concerned about the size and whether there will be a control group. The interpretation issue is whether that number refers to the original list of graduates that the team is going to try to trace, or is it the number of usable questionnaires? From the limited information available to us about probable non-response and costs of survey research in Indonesia it is our opinion: if the "total sample size" is the total number of names of graduates on the original list, then 'between 10,000 and 15,000' may be too low; if "total sample size" is usable questionnaires the number may be too high. We have put in our suggested draft for your consideration the statement "The total sample size should be large enough to eventually obtain 8,000 to 10,000 usable questionnaires."

Other suggestions about the Employer Survey TOR:

Unlike the tracer study, the employer survey should gather information on PTS as well as PTN graduates. If one is

interviewing an employer in the private sector there is no reason to exclude PTS graduates from the discussion.

We would suggest emphasizing even more than you do in your draft the issue of whether the characteristics of the firm affect the results. In our suggested draft we have added a paragraph that the study team should obtain a common set of characteristics for all firms interviewed; and a paragraph that these characteristics be used in analyzing the answers.

We have no comments about the Unit Cost and Fellowship TOR's.

Enclosed are copies of our proposed draft TORs for your consideration. Also enclosed is a computer disc containing these draft TORs on Wordstar.

We were distressed to learn that you experienced health problems recently and hope you have fully recovered.

Sincerely yours,

Clifford W. Gilpin
Division Chief
Population and Human Resources Division
Country Department III
East Asia and Pacific Regional Office

cc: Dr. Simbolon

Dr. Soekadji Ranuwihardjo

- 4 -

January 27, 1992

cc: Messrs. You, Lieberman, Clark (Cons)
Mss. Montague, Takeda

January 15, 1992

Dr. O. Simbolon
Project Director
Second Higher Education Development Project
Department of Education and Culture
Jakarta, Indonesia

Dear Dr. Simbolon:

Re: Second Higher Education Development Project (Loan 3311-IND)

1. We would like to acknowledge receipt of your letter no. 4660/1291/CPIU/STD dated December 13, 1991, enclosing a summary of the research contracts to be signed with 61 public and private universities in Indonesia with a total value of about Rp4.0 billion.
2. We have reviewed the contract summary as attached and have no comments. We confirm that World Bank financing for the contracts is at 100% under Category 5 of Schedule 1 of the Loan Agreement. Payment of the Bank's share for these contracts should be claimed under Special Account procedures. Replenishment of expenditures related to these contracts should be made on the basis of Statements of Expenditure (SOEs).
3. We would also like to acknowledge receipt of your letter no. 1831/0192/CPIU/FEL dated January 3, 1992, enclosing a recommendation for award of a training program for 18 selected staff for one year in translation and interpretation. We have reviewed your recommendation and, based on the information provided, are in agreement with your proposal to award this contract to Victoria College in Australia in the amount of about US\$507,614. We understand that this training program will be part of an on-going contract between the University of Indonesia and Victoria College.
4. Please send us one conformed copy of the signed contract and two copies of the Contract Summary in English, so that we can issue our no objection for disbursement of expenditures under this contract.
5. In addition, we would like to mention that we are now also looking forward to receipt of the following reports as mentioned in the aide-memoire drawn up by our last review mission that visited Indonesia during October/November 1991:
 - (a) the audit reports for this Project and for the first Higher Education Development Project which were due on December 31, 1991;
 - (b) the report mentioned in Schedule 5, para. 1.(b), of the Loan Agreements of both this and the first Projects, also due on December 31, 1991, on the implementation of the previous Fiscal Year's budget for Indonesia's higher education program and a proposed budgetary allocation for the next Fiscal Year. Once we have forwarded our comments on this report, if any, the required budgetary allocations should then be made for the carrying out of the program during next Fiscal Year.
5. As Mr. Rooskandar has already mentioned to you, Ms. R. Montague and Ms. B. Duces will be in Indonesia the last week of February 1992 (from February 24 to 29) and would like to spend one or two days discussing with you the main issues that arose during the last review mission as outlined in the aide-memoire. Please let us know if this timing is convenient.

With kind regards,

Dr. O. Simbolon

- 2 -

January 15, 1992

Sincerely yours,

Clifford W. Gilpin
Division Chief
Population and Human Resources
Country Department III
East Asia and Pacific Regional Office
Country Department V

Dr. O. Simbolon

- 3 -

January 15, 1992

cc: M/M Duces, You (o/r)

Asia Information Center

RMontague:mb

Ln. 3311-IND

1-14-92

PIIF

OFFICE MEMORANDUM

Asia Files

DATE: January 14, 1992

TO: Mr. Clifford Gilpin, Chief, EA3PH

FROM: R. Montague, EA3PH

EXTENSION: 82538

SUBJECT: INDONESIA - Second Higher Education Development Project (Loan 3311-IND)
Supervision Report

1. In accordance with terms of reference dated October 8, 1991, I visited Indonesia from October 28 to November 8, 1991, along with E. Thulstrup (science and technology specialist), B. Duces (information systems officer) and R. Osterlund (educator, consultant), to review progress in implementation of this Project and in the Second University and first Higher Education Development Projects. M. H. You (economist), S. Lieberman (economist) and B. Fisher (environmental specialist) also assisted with the review. The supervision summary, aide-memoire and letter to the Government are attached.
2. The Project is off to a very slow start with the first year's budget only adequate to cover about half the planned activities for the year and authorization to access the special account only received the last week of October 1991, more than halfway through the fiscal year. The agreement between the Government of Indonesia and Japan's OECF to fund the Environmental Study Centers has been signed although the development budget to allow use of these funds has not yet been approved and the additional funding needed for ESC in-country training (after being dropped unexpectedly from the OECF agreement) is not yet located.
3. Academic staff development is underway as is the granting of research funds. Draft terms of reference for the studies have been prepared and submitted to the Bank. Questions have arisen, however, about library book procurement methods, polytechnic autonomy and the quality of research results and about private higher education, in general.
4. The following documents received during the supervision mission will be forwarded to the Asia Information Center where they will be entered into the Project Implementation Index File and available upon request:

<u>Title of Document</u>	<u>Date of Issue</u>	<u>Project Implementation Index File Number</u>
Project Budgets, FY 91/92 and 92/93	10/91	II
Letter to Mr. Roland Osterlund with information attached re project training program	11/91	II
Staff Upgrading, Medan Polytechnic	11/31/90	II

all

Supportive Information for the Second Undated II
 Slice Loan Negotiation between the
 Directorate General of Higher
 Education and the World Bank for
 Improvement of Private Higher
 Education: Operational Plans for
 the 4 Growth Centers - att.

Policy Studies - Draft Invitation for Undated II
 Proposals, Terms of Reference,
 Criteria for the Selection of Short-
 list Consultants, and Evaluation Form
 for Technical Proposals - Docs. # F60.083
 F60.084
 F60.085
 F60.086
 F60.087
 F60.088

Revised Schedule of Activities of Policy Undated II
 Studies Coordination and Control - att.

Distribution I: (Form 590 only)

M/M Kaji, El Maaroufi, Ritchie, Hamilton, Bhattacharya, Swannack-
 Nunn, Kopp, Kim

Distribution II: (Full Report)

M/M Haug, Zincir, Aime, Holsinger, Hassan, Sabeti/Rooskandar, Asia
 Files, Div. BB, RMontague chron, Div. files.

RMontague:mb
 b:3311memo

Project	Implementation	Date of Issue	Issue #
		10/91	77
		11/91	78
		11/91	79

Detailed instructions on completion of
This Form are in Annex D of OD13.05.

*** Working Version ***

This Summary is () the initial summary
(X) part of a mission report
() an update

Regional Office: VP - EAST ASIA & PACIFIC	Project Name: HIGHER EDUCATION II Project Code:4INSPA240	Loan/Credit Numbers: L33110	L/C Amt (\$XX.XM/SDR) Original:150.0 Revised:	Type of Lending Instrument: SIL
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Country: INDONESIA	Borrower: GOI	Board Date: 03/26/91	Signing Date: 05/03/91	Effective Date: 06/21/91
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Managing Dept/Div Name: POP & HUMAN RESOURCES OPR DIV	Dept/Div Code: 25850	Task Manager: YOU	Mission End Date: 11/19/91 Next Mission (mo/yr): 02/92	Last 590: 08/09/91 This 590: 01/10/92
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SECTION 1: Summary of Project Development Objectives:

To assist the GOI in implementing the Higher Education Program Guidelines, specifically: (a) improving quality and efficiency; (b) alleviating human resource shortages; (c) improving planning and management; (d) increasing mobilization of resources; and (e) strengthening regional development.

SECTION 2: Summary of Project Components:

Staff development, research support, library development, basic science and science teacher training, private higher education development, polytechnics, environmental study centers, accelerated engineering education, management training and management information system.

SECTION 3: Project Data and Performance Ratings:

Basic Data	Closing Date	Project Cost (\$XX.XM)	Disbursement (mo/yr) 11/91 (\$XX.XM) (% of L/C)
Original (from SAR/PR):	12/31/94	\$282.4	Original SAR/PR Forecast:
As Formally Revised:			Formally Revised Forecast:
Expected-Last Form 590:	12/31/94	\$282.4	Actual Disbursement: \$15.0 10.0%
Expected-This Form 590:	12/31/94	\$282.4	Disb. Forecast for CFY: \$15.0 10.0%
			Actual for CFY:

Number of formal closing date extensions: 0

Date of last closing date extension (mo/yr):

Reporting: End of period covered by last project progress report (mo/yr):

Indices	This Form 590	Last Form 590	Audits and Accounts	Number
Closing Delay	.0%	.0%	Overdue Fin. Stmtns/Project Accounts:	0
Cost Overrun	.0%	.0%	Overdue SOE Audits:	0
Disbursement Lag	.0%	.0%	Overdue Special Account Audits:	0
			Qualified and Unsatisfactory Audits:	0

Mandatory Ratings	This Form 590	Last Form 590	Other Ratings	This Form 590	Last Form 590
Overall Status	1	1	Procurement Progress	2	1
Project Development Objectives	1	1	Training Progress	1	1
Compliance With Legal Covenants	1	1	Technical Asst. Progress	1	1
Project Management Performance	1	1	Studies Progress	1	1
Availability Of Funds	2	2	Environmental Aspects	1	1
			Financial Performance	NA	NA
			WID Impact	1	1

SECTION 4: Supervision Management:

Names Of Mission Members	Member Specialization	Participated In The Previous Mission (Yes/No)	Time Spent On Supervision (mo/yr) 01/92
R. MONTAGUE	SR. ARCHITECT	Y	S/W Up To Current FY : .0
ERIK THULSTRUP	SCIENCE/TECH	N	S/W Planned During Current FY: 24.0
BRIGITTE DUCES	INFO SYSTEMS	N	S/W Actual During Current FY -
ROLAND OSTERLUND	EDUCATOR/CONSULTANT	N	Total : 6.7
			In Field : 4.4

Form 590
Higher Education Development Project
Loan 3311-IND

Section 5: Actions previously agreed or recommended (Section 8 of last Form 590)

Borrower: The actions recommended in the previous Aide-Memoire dated August 1991, to be undertaken by the Borrower include the following:

- (a) expedite provision of adequate budgetary allocations for FY91/92 activities;
- (b) seek alternative funding of in-country training for the ESC component and keep the Bank informed of the outcome; and
- (c) send final draft documents including terms of reference and proposed shortlist for the five major studies to the Bank for its review and comments before their issuance.

Bank - It was recommended that a review mission be sent to Indonesia in late 1991 of a sufficient size and for a long enough period to review thoroughly all aspects of the implementation of the project.

Section 6: Actions taken by Borrower and Bank since previous Form 590

Borrower:

- (a) budget allocations overall for this fiscal year still stand at about 50% of planned expenditures and funds necessary for the start-up of the ESCs had not been budgeted at the time of the mission;
- (b) no progress has been made on arranging of alternative funding for in-country training for the ESC component; and
- (c) draft bid documents including terms of reference and the proposed shortlist for the five major studies have been submitted to the Bank and are under review.

Bank: A large supervision mission visited Indonesia in late 1991 which reviewed all aspects of project implementation.

Section 7: Summary of current status and major problems

The Project got off to a disappointly slow start due to low budgetary allocations for this fiscal year which equal only about 50% of planned expenditures. The Government is unwilling to allow expenditure of Loan funds until a Loan is declared effective in spite of the fact that these funds can later be reimbursed. A further unexpected delay occurred while the CPIU waited for authorization from Finance to access the project's special account. This authorization was only received by the CPIU the last week in October 1991. In spite of these delays, the CPIU is confident that the reduced work plan can be completed this FY with postponed activities largely to be completed next year. Academic staff development is well underway, however, as is the granting of research funds. TORs for the studies have been drafted and

were handed to the mission. Improvement is needed in teaching and research quality, though, and in dissemination of research results. Polytechnics are scheduled to become autonomous by 1993 although the management structure of the education system is not set up to handle this situation. The agreement between the Government and the OECF for ESC funding was signed on September 19, 1991, but the relevant DIP has not yet been approved so no implementation actions have yet been undertaken. In addition, no funds have yet been found to undertake the ESC in-country training originally expected to be funded by OECF, and promotion criteria for ESC staff have not yet been established. Proposed book purchasing arrangements under this project may not result in adequate services being provided. A policy on private higher education is urgently needed to prevent a further decline in its quality. US\$15.0 million has been disbursed into the project's special account.

Section 8: Summary of agreements with Borrower and further actions recommended to be taken by Borrower and Bank

Borrower: At the wrap-up meeting, the mission recommended that the Borrower take the following actions:

- (a) to improve research quality and dissemination (i) the maximum allowable salary component of the research grants should be increased to help compensate for income lost while undertaking the research and (ii) an office should be established under the Director of Research to help develop national research journals;
- (b) full servicing during book procurement should be included in all book procurement contracts;
- (c) the policy study on private higher education should take place as soon as possible;
- (d) a Directorate of Higher Technical Education should be established at the DGHE to deal with polytechnic education;
- (e) for the ESCs, (i) the FY 91/92 DIP for OECF and counterpart funds should be approved immediately, (ii) the Government should arrange for ESC in-country training funds as soon as possible and (iii) the issue of ESC promotion criteria should be raised in a letter to the rectors urging them to request DGHE to recognize environmental science as an academic discipline and to agree on promotional criteria.

Bank - The Bank should send a small mission to Indonesia to review implementation of the issues mentioned above early in 1992 with a larger review mission to be sent late in the year to review thoroughly all aspects of project implementation.

Preparing Officer: <i>Ruth Montague</i>	Reviewed by (Div. Mgr.) <i>[Signature]</i>	Reviewed by (Dir/RVP) <i>[Signature]</i>
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INDONESIA

REVIEW OF LOAN COVENANTS

LOAN/CREDIT: L-3311 PROJECT: SECOND HIGHER EDUCATION DEVELOP. PROJECT EFF: 08/01/91 APP: 03/26/91 SECTOR: EDUCATION

(AS OF 01/21/92)

AGREEMENT SECTION ON	TYPE OF COVENANT	UPDATE DATE	CUR ST CODE	DESCRIPTION OF COVENANT	CURRENT COVENANT STATUS DESCRIPTION
LOAN ART.II, SEC.2.02(B)	M1	01/14/92	2	ESTABLISHMENT OF SPECIAL ACCOUNT WITH APPROPRIATE STRUCTURE AND OPERATIONAL PROCEDURES	SPECIAL ACCOUNT ESTABLISHED.
ART.IV, SEC.4.02	M3	01/14/92	2	BY 9/30/91, OBTAIN FUNDS FROM GOI OR OTHER SOURCES FOR ENVIRONMENTAL STUDY CENTERS UNDER PART B(V) OF THE PROJECT.	AGREEMENT FOR FUNDING SIGNED WITH OECF ON SEPT. 19, 1991.
ART.IV, SEC.4.01(B(I))	M1	01/14/92	2	AUDIT RECORDS AND ACCOUNTS AND SPECIAL ACCOUNT FOR EACH FY IN ACCORDANCE WITH APPROPRIATE AUDITING PRINCIPLES.	SPECIAL ACCOUNT ESTABLISHED.
ART.IV, SEC.4.01(BII)	M1	01/14/92	8	SUBMIT AUDITS WITHIN NINE MONTHS OF END FY AND PCR WITHIN SIX MONTHS AFTER LOAN CLOSING	NOT YET DUE
SCH. 5, 1(A)	MI	01/14/92	2	CARRY OUT PROJECT IN ACCORDANCE WITH HIGHER EDUCATION PROGRAM GUIDELINES AND ACTION PLAN SATISFACTORY TO BANK.	UNDER IMPLEMENTATION.
SCH. 5, 1(B)	M1	01/14/92	4	PREPARE AND FURNISH TO BANK A REPORT ON IMPLEMENTATION OF PREVIOUS FY'S BUDGET FOR BORROWER'S HIGHER EDUCATION PROGRAM BY 12/31 OF EACH YEAR COMMENCING ON 12/31/91	DUE DECEMBER 31, 1991; NOT YET RECEIVED.
SCH. 5, 1(C)	M1	01/14/92	4	PREPARE AND FURNISH TO BANK SEMI-ANNUAL PROGRESS AND EVALUATION REPORTS FROM APRIL-SEPTEMBER AND OCTOBER-MARCH OF EACH YEAR.	APRIL-SEPT. 1991 REPORT NOT YET RECEIVED.
SCH. 5, 1(D)	I	01/14/92	2	CPIU TO BE STRENGTHENED BY APPOINTING THREE ADDITIONAL PROFESSIONAL STAFF BY 7/31/91	THREE ADDITIONAL PROFESSIONAL STAFF APPOINTED TO CPIU JUNE 91.
SCH. 5, 1(E)	I	01/14/92	3	BY 12/31/91 ACTION PLAN TO MAKE ESC AS PART OF UNIVERSITY AND APPOINTMENT OF FULL-TIME CORE STAFF, AND GIVE FULL CREDIT TOWARDS STAFF ACTIVITIES.	ESCS HAVE BECOME PART OF UNIVERSITIES AND FULL TIME CORE STAFF APPOINTED; FULL CREDIT FOR STAFF ACTIVITIES NOT YET AVAILABLE.

*****STATUS CODES*****	*****COVENANT TYPE CODES*****	*****COVENANT TYPE CODES*****
1=UNAVAILABLE	INSTITUTION- I=CREATE/REVISE/UPDATE ORGANI-	F4=SELF-FINANCING RATIO
2=IN COMPLIANCE	NAL: ZATIONS;IMPROVE MGMT & MIS;	F5=DEBT/EQUITY RATIO; DEBT SERVICE RATIO
3=PARTLY COMPLIED	AGREEMENTS BETWEEN OR WITH	F6=PRICING OF PRODUCTS
4=NOT IN COMPLIANCE	AGENCIES	F7=PROVISION OF LOCAL FUNDS
5=TO BE WAIVED/DELETED	MANAGER- M1=SUPERVISION OF IMPLEMENTA-	F8=PREPARE SECTOR INVESTMENT PROGR
6=NO LONGER RELEVANT	IAL: TION (PLAN/ACTION/REPORTING	F9=LEVEL OF OUTSTANDING ARREARS
7=TO BE AMENDED	INCL. PROCUREMENT ACTION,	F10=ASSET REVALUATION; DEPRECIATION
8=NOT YET DUE	DEVELOP ACCOUNTING SYSTEM)	T1=CONSTRUCTION STANDARDS
*****	M2=ADEQUATE TRAINING POGRAM	TECHNIC- T2=LAND ACQUISITION & MAPPING
	M3=WORK PROGRAM/BUDGET PREP'D	CAL: T3=SITE SELECTION
	FINANC- F1=SIGNING OF SUBSIDIARY	T4=DETAILED ENGINEERING
	IAL: AGREEMENT	T5=ENSURE O & M PLAN & FUNDING
	F2=RATES OF RETURN	T6=ENVIRONMENT
	F3=COST RECOVERY & INT. RATES	OTHERS: OTH=OTHERS
	*****	*****

PFACR113 - ARCS DATA INPUT REVIEW FORM

Project ID : 4INSPA240 Project Name : HIGHER EDUCATION II Task Manager : YOU

Loan/Credit Number : L33110 Audit Covenant Paragraph Reference : LA 4.01

Audit report requirements for this Loan / Credit :

Executing Agency : DIRECTOR-GEN. OF HIGHER EDUC. Executing Agency FYE (MMDD) : 0331

Type of Report	First Report Due Date	Temporary Suspension of Requirement (As of Date)	Delete Requirement? (Y/N)
Financial Statements :			
Project Accounts :	12/31/1992		
Statement of Expenditures (SOEs) :	12/31/1992		
Special Accounts :	12/31/1992		

Dear Mr. Simbolon: (mirrored text)

We would like to express our appreciation to you and the members of your staff for the grant increases extended to Mr. Macagnan, Mr. Thiastrup, Mr. Lucas, Mr. Garsland, Mr. You and Mr. Lieberman during their recent visit to Indonesia to review progress in implementation of these projects and to Mr. Fisher of the Bank's Resident Staff in Indonesia, who also participated in the review.

We are pleased to note that nearly all project components under the first Higher Education Development Project are nearing completion and that almost all of the loan has been committed. We are quite concerned, however, about how little progress has been made recently in development of the university management information system and in library development. We urge you to carry out the planned MIS activities without further delay. In addition, the gap in the library staff should be filled as soon as possible by a temporary appointment and procurement of the library automation system should proceed, again without further delay. We also recommend that arrangements be made by you for continued employment of the expertise library specialist.

The Mission has recommended to Bank management that the Bank agree to your request to extend the loan closing date by one year from December 31, 1991, to December 31, 1992.

In this regard, also, we would like to give you no objection to the lists and technical specifications for laboratory, computer and audio-visual equipment attached to your letter dated October 19, 1991. This equipment is to be procured by LCE procedures. The lists and specifications were discussed by your procurement staff and the mission, and it was agreed that several minor corrections, mainly of spelling mistakes, would be made in the documents. We would now appreciate receiving from you the schedule for this bidding and a copy of the final version of the documents that will be sent out to interested suppliers.

The World Bank

INTERNATIONAL BANK FOR RECONSTRUCTION AND DEVELOPMENT
INTERNATIONAL DEVELOPMENT ASSOCIATION

1818 H Street, N.W.
Washington, D.C. 20433
U.S.A.

(202) 477-1234
Cable Address: INTBAFRAD
Cable Address: INDEVAS

December 18, 1991

Dr. O. Simbolon
Project Director
Higher Education Development Project
Department of Education and Culture
Jakarta, Indonesia

Dear Dr. Simbolon:

Re: First and Second Higher Education Development Projects
(Loans 2944 and 3311-IND)

1. We would like to express our appreciation to you and the members of your staff for the many courtesies extended to Ms. Montague, Mr. Thulstrup, Ms. Duces, Mr. Osterlund, Mr. You and Mr. Lieberman during their recent visit to Indonesia to review progress in implementation of these projects and to Mr. Fisher of the Bank's Resident Staff in Indonesia, who also participated in the review.
2. We are pleased to note that nearly all project components under the first Higher Education Development Project are nearing completion and that almost all of the Loan has been committed. We are quite concerned, however, about how little progress has been made recently on development of the university management information system and in library development. We urge you to carry out the planned MIS activities without further delay. In addition, the gap in the library staff should be filled as soon as possible by a temporary appointment and procurement of the library automation system should proceed, again without further delay. We also recommend that arrangements be made by you for continued employment of the expatriate library consultant.
3. The mission has recommended to Bank management that the Bank agree to your recent request to extend the Loan Closing Date by one year from December 31, 1991, to December 31, 1992.
4. In this regard, also, we would like to give our no objection to the lists and technical specifications for laboratory, computer and audio-visual equipment attached to your letter dated October 19, 1991. This equipment is to be procured by LCB procedures. The lists and specifications were discussed by your procurement staff and the mission, and it was agreed that several minor corrections, mainly of spelling mistakes, would be made in the document. We would now appreciate receiving from you the schedule for this bidding and a copy of the final version of the documents that will be sent out to interested suppliers.

5. With regard to the Second Project, we were disappointed to hear that due to various Government regulations, access by you to Loan funds only became available in late-October, more than half-way through the project's first fiscal year. We appreciate hearing, however, that you are now planning to make every effort to implement as much as you can of the first year's activities before the fiscal year ends. We concur with the recommendations made in the Aide-Memoire prepared by the mission and discussed with you during the wrap-up meeting held on November 8, 1991, as follows:

- (a) with regard to the research being funded under the project, the maximum allowable salary component of the research grants should be increased to help compensate for the loss of regular income to the researcher while s/he undertakes the research, and an office should be established under the Director of Research to help develop local research journals;
- (b) cataloging services should be included in library book procurement contracts and tender documents and recommendations for award of these contracts should be forwarded to the Bank for review and comment prior to contract signing;
- (c) the policy study on private higher education should take place as soon as possible in order to avoid further erosion of quality at this level;
- (d) consideration should be given to the establishment of a Directorate of Higher Technical Education within DGHE to deal with the polytechnics as they now become autonomous;
- (e) with regard to the Environmental Study Centers, every effort should now be made to ensure early approval of the FY91/92 DIP for the Centers so that activities planned for this fiscal year can commence; in addition, the Government should now make an effort to obtain funds for in-country training under this component; and the issue of ESC criteria for promotion of university environmental science staff should be raised in a letter to the rectors of the concerned universities urging them to request DGHE to recognize environmental science as an academic discipline and to agree on promotional criteria. We look forward to receiving a copy of this letter when it is prepared.

6. We would also like to remind you that, as mentioned during the mission's visit, the retrospective review of the implementation of the previous and ongoing year's budgets for the higher education program should be forwarded to the Bank for review and comments, by December 31, 1991. This review should also include a forward plan and budget for FY92/93. We look forward to receipt of this report.

7. A copy of the final Aide-Memoire for the project is attached. If you have any comments on the Aide-Memoire, please let us know.

8. Ms. Montague will be in Papua New Guinea from February 10 to 22, 1992, and would like to visit Jakarta either the previous week or the following week, that is, early or late February, to review progress in implementation of the project items mentioned above. We would appreciate very much knowing if such a visit would be convenient for you and your staff.

With kind regards,

Sincerely yours,

Clifford W. Gilpin
Division Chief

Population & Human Resources Division
Country Department III
East Asia and Pacific Regional Office

INDONESIA

First and Second Higher Education Development Projects (Loans 2944-IND and 3311-IND)

Review Mission Aide-Memoire

November 1991

1. This Aide-Memoire records the findings and recommendations of a review mission¹ that visited Indonesia in October/November 1991. The purpose of the mission was to review progress in implementation of the first and Second Higher Education Development Projects (Loans 2944-IND and 3311-IND). Members of the mission visited project institutions in Medan, Bandung, Yogyakarta, Bogor and Jakarta. This Aide-Memoire gives a brief summary of progress in project implementation, the issues raised and the agreements reached during the course of the review.² The mission would like to express its sincere appreciation for the hospitality and cooperation extended to it by the officials of the Government of Indonesia.

Summary, Issues and Recommendations

Loan 2944-IND

2. As project implementation moves toward completion, two important project components, library development and the management information system, have made very little progress. The Government has requested an extension of the closing date from December 31, 1991, to December 31, 1992, in order to complete all project activities. Attention must now be focused on these two components if they are to be completed on time.

3. Of the total loan amount of US\$140.3 million, about US\$110.8 million has been disbursed with an additional US\$27.0 million committed, leaving only about US\$2.5 million uncommitted. Withdrawals are kept up-to-date as expenditures occur. It is expected that the entire loan will be committed and/or disbursed before the revised closing date.

4. The main issues remaining include:

- (a) delays in establishment of the management information system (MIS) and in improving educational statistical indicators (para. 10); and
- (b) little progress toward library automation primarily due to the loss of a key staff member (para. 25).

¹ Mission members included M/M R. Montague (architect), E. Thulstrup (science and technology specialist), B. Duces (information systems officer) and R. Osterlund (educator, consultant). They were assisted by Messrs. M.H. You (economist) and S. Lieberman (economist) and by Messrs. B. Fisher (environmental specialist) and W. Rooskandar (project officer) both of RSI.

² The views expressed in this Aide-Memoire are subject to review by Bank management.

5. Mission recommendations concerning the above issues include:
- (a) the planned MIS activities should be carried out without further delay (para. 17); and
 - (b) the gap in library staff should be filled by a temporary appointment (para. 30), procurement of the library automation system should proceed without delay (para. 31) and arrangements should be made for further consultant assistance (para. 32).

Loan 3311-IND

6. The Project is off to a very slow start with authorization to access the Loan funds only received in late-October, more than half way through the first year. Thus the first year's scheduled activities will only be about half implemented by the end of the year.

7. The main issues include:

- (a) improvement is needed in teaching and research quality and relevance (para. 37);
- (b) the lack of good subject-specific research journals in Indonesia (para. 45);
- (c) proposed book purchasing arrangements may not result in adequate servicing (para. 51);
- (d) a policy on private higher education is needed urgently to prevent further decline in quality (para. 61);
- (e) the restructuring of the polytechnic education system (para. 69);
- (f) the lack of funds to begin implementation of the Environmental Study Center (ESC) component (para. 71);
- (g) no funding allocated for ESC in-country training (para. 72); and
- (h) promotion criteria for ESC staff not yet established (para. 74).

8. Mission recommendations concerning these issues include:

- (a) the maximum allowable salary component of the research grants should be increased to help compensate for the loss of income while undertaking the research (para. 48);
- (b) an office should be established under the Director of Research to help develop local research journals (para. 46);
- (c) full servicing during book procurement should be included in procurement contracts to be cleared by the Bank (para. 52);
- (d) the policy study on private higher education should take place as soon as possible (para. 61);

- (e) a Directorate of Higher Technical Education should be established at the Directorate General of Higher Education (DGHE) to deal with the polytechnics (para. 69);
- (f) the FY91/92 ESC development budget (DIP) for the Overseas Economic Cooperation Fund, Japan (OECF) and counterpart funds should be approved immediately (para. 71);
- (g) the Government of Indonesia (GOI) should arrange ESC in-country training funds as soon as possible (para. 72); and
- (h) the issue of ESC promotion criteria should be raised in a letter to the rectors urging them to request DGHE to recognize environmental science as an academic discipline and to agree on promotional criteria (para. 73).

Loan 2944-IND

Action Plan for Higher Education.

9. The current status of the Action Plan for Higher Education is given in the Attachment.

Planning, Management and Implementation Capacity

10. MIS Development. Currently, the collection, processing and management of university indicators from public universities continues to be carried out at the University of Gadjah Mada (UGM), with reports being published annually for each university as well as summary data. At the same time, the University of Indonesia (UI) has been developing an on-line MIS, to be installed in senior managers' offices at DGHE to assist in their decisionmaking. Detailed requirement specifications have been prepared and the system design has been done. The next step is the development of a prototype.

11. In the meantime, the computing department team at UI has implemented a personal computer-based pilot in DGHE, with about 48 workstations, linked with each other through a local area network. The currently available data, drawn from paper reports are made available on-line in an easy to use and easily accessible way. It is planned to enhance from this pilot, with the additional requirements to develop the prototype. In addition to the DGHE offices, some of the subsystems of these pilot data (primarily the financial and student data) have also been made available to the universities. It is not known how much use is made of these data, either at DGHE or at the universities, with the exception of the financial subsystem, which is widely used at DGHE. About 11 universities also regularly use the student subsystem.

12. Although the initial pilot was developed and implemented at UI, with the data loaded by the computing staff, over the long term continuous updating and data management will need to be done by the planning unit of the DGHE. The necessary organizational arrangements to accomplish this remain to be worked out.

13. Further development on the MIS shows slower than expected progress during the last six months. At the time of the previous Bank mission (March

1991), a proposed action plan for further implementation of the on-line end-user MIS access was discussed. Discussions were also held with the different senior managers of DGHE on their requirements, proposed methods for improvements of data quality, and future organizational arrangements and roles of DGHE, UGM and UI. At that time, a seminar was planned for June to discuss these issues in detail. This seminar has now been scheduled for January 1992. The delay was largely due to the reorganization occurring at many universities, following the publication of Regulation number 30 (establishing the principle of autonomy and allowing universities a larger number of bureaus than were allowed previously).

14. The focus of the seminar will be on the determination of the final data set of statistical indicators. At that time, data gathering and specific indicators for the Regional Coordinators for Private Higher Education (KOPERTIS) and polytechnics will also be included. Indicators pertaining to the IUCs will be included at a later date. DGHE is happy with the current financial subsystem, but further requirements on student records, academic affairs and research remain to be incorporated. DGHE expects to have a working system in place by June 1992. This system will make the full data set available to DGHE offices and will provide a data gathering system from all participating universities.

15. In the meantime, the Higher Education Monitoring and Evaluation System (HEMES) at UGM will continue data collection and reporting on the current set of indicators. For 1990/1991, data have only been received from 21 institutions; a new set of reports will be produced when all universities have submitted their data.

16. Manpower Development. Training in computer applications and computer appreciation has continued to be carried out in a total of 59 different institutions (public universities, KOPERTIS and DGHE). In 88/89, 64 persons were trained in computer applications and 29 in computer appreciation. In 89/90, 110 were trained in computer applications and 65 in computer appreciation. In 90/91, 124 were trained in computer applications, none in the other program.

17. Issues and Recommendations. The development of the MIS and the further refinement and improvements of the educational statistical indicators are crucial elements in educational planning. Given the large amount of work remaining to be done, it is essential that work progresses at a steady pace and that there be no hold-up in the development. The mission, therefore, recommends that the planned activities be carried out without further delay. The mission especially endorses the planned seminar on the further enhancement of the higher education data set. Further, it should be further explored whether it would be possible to invite a statistical indicators specialist, Dr. Kells, recently contracted by the World Bank to carry out an evaluation study of the use of higher education indicators, to the seminar.

18. In order to strengthen the activities and the effectiveness of the 12 academic subject Consortia, funding is provided under the loan. According to the information received the Consortia have consolidated their activities during the project period. They are carrying out evaluation of curricula, reports and other material within their fields. Moreover, they review and evaluate the planning of new programs and levels of study, prepared by the deans. All consortia have been asked to review all programs and institutions within their fields. The reports are due in November 1991 and three are already completed and accepted by the DGHE (agriculture, arts and philosophy).

Another four have been completed and are pending acceptance by the DGHE (law, social science, engineering technology and natural science). The cost of these studies ranges between Rp50-200 million, depending on the number of departments/institutions included in the study. In accordance with the working papers of the Staff Appraisal Report, each of the Consortia receives Rp25 million per year for the operational cost of a chairman and a secretary. These are appointed by the Directorate of Academic Affairs (DAA) in the DGHE, and the chairman appoints the technical staff among the staff of his university. The chairman and the secretary are selected at the centers of excellence and should not come from the same university.

19. Studies and Evaluations. All seven studies included in this Project have been completed and are available in Bank files. The principal purpose of the first six studies was to provide DGHE management with analyses of selected key issues/topics with recommendations for action. Only one study, a performance assessment of the polytechnics, fully met the original purpose. The remaining five studies apparently failed to meet their immediate objectives although they have influenced later policy decisions. The main reasons for the less than satisfactory results are as follows: (i) some consultants had trouble understanding the terms of reference for the studies; (ii) the selection of the consultants was not open, for instance, private firms and universities were excluded; (iii) quality control mechanisms were weak; and (iv) the DGHE was reluctant to engage expatriate experts to assist during the study implementation period. The seventh study was to prepare the project proposal documents for the Second Higher Education Development Project. The most successful study, the one on the polytechnics mentioned above, influenced the design of the polytechnic component under the Second Project.

20. The studies were carried out by local consultants at a cost of about 300 man-months (SAR target--90 man-months of local consultants and 36 man-months of foreign consultants).

21. Academic Staff Development. Pre-departure training for overseas fellowships has trained a total of 1,113 candidates of which 945 have passed the test. (SAR target - 800 candidates). A total of 145 have departed for overseas fellowships (SAR target - 125) of which 62 have returned with degrees. Five fellows have failed and the remaining are still abroad. About 20 of the fellowships were granted to staff from private higher education institutions.

22. Support of about 7,000 student-years to be distributed among about 5,000 S2 candidates have reached an actual figure of 7,055 student-years, but only benefiting about 3,000 students due to delays in the studies. For S3 candidates the SAR targets are 1,200 student-years distributed among about 720 candidates and the actual figures 1,025 student-years benefiting about 300 candidates. A program of overseas short-term training (three months) for teacher training university (IKIP) teaching staff has comprised 90 candidates. In addition an in-country training program (2 1/2 months) for IKIP teachers has been carried out for 381 participants.

23. Priority Undergraduate Study Programs. The project includes a component to improve the quality of instruction in high-priority undergraduate fields of study in public universities. The quality enhancement measures should benefit undergraduate degree program (S1) students in engineering and technology programs (mechanical, electrical and chemical engineering, electronics and metallurgy), diploma-level secondary school science teacher

trainees and S1 technical teacher trainees. According to information received the actual number of S1 students enrolled in the improved programs reached about 86% of the SAR target the first year and increased to about 95% in 1990/91. For the diploma level (D3) secondary school science teachers the actual figures exceed the targets by about 33% and for the S1 technical teacher trainees the figures reached 85% of targets. In addition the component should improve instructional facilities for S1 student to become secondary school science and math teachers. The support has included 576 man-months of local consultant services which is more than twice the SAR target (due primarily to low unit costs).

24. Library Development - Acquisition of Books and Journals. Under the first phase of the project, a total of about 6,000 titles (representing 18,000 copies) of books have been purchased, for a total cost of US\$1.2 million. These books have all been received in the country through the local purchasing agent and are now being distributed to the various libraries. No journals have been bought and none are planned under the first phase, due to the difficulties in import regulations for pre-paid materials. This problem has now been solved, and the first batch of journals will be purchased during the second phase. The received books will be catalogued at University Center for Library Development (UKKP) from packing slips to form the nucleus of the new union catalog, following a standard international format.

25. Library Automation. Little progress has been made since the last review mission (March 1991) in this area. This is primarily due to the loss of the key library automation staff member to the private sector. So far, no suitable replacement has been identified. Several of the recently returned graduates are skilled and well-qualified, but require further experience and practical knowledge in the field, before they can fulfill that role.

26. In the meantime, Mr. John Ashford, technical consultant provided with support from the British Council, recently completed a short consultancy. His reports will be available to the Bank mission after ODA clearance. He provided assistance in further project planning of the library automation project, including a critical path analysis of the work to be done. He also provided a draft of a detailed request for tender that can be sent to the three previously selected library automation vendors.

27. UKKP now plans to fill the skills gap with the temporary assignment of an experienced library automation specialist, currently at UGM. In addition, support from UI's computer center (PusilKom) has been requested; PusilKom is prepared to provide this support, given a reasonable arrangement, which still needs to be worked out. Finally, further consultancies from John Ashford would be advantageous over the next three years, averaging two per year for about one month. If no further funds are available from the British Council for this purpose, funds from the World Bank project should be considered.

28. Manpower Development. Pre-departure training for a group of 20 candidates at IKIP Malang and of 15 candidates at the World University Services of Canada Center in Yogyakarta has been carried out. From this group, 8 candidates started their Masters training in the UK in August 1991 and another 5 left for Canada at the same time. Of the remaining, the main problem is receiving a sufficiently high score on the English language test. Several of the candidates tested received a score, however, that is very close to the accepted one and UKKP will now make some effort to place these students in institutions where these requirements are not as stringent. A final group

of 16 candidates needs to be identified and trained during the second phase of the project. Suitable names have been solicited from all universities and the initial selection and testing process can be started very soon.

29. Local training in S2 (two-year postgraduate program), S1, and D2 (diploma level) programs is proceeding, with some hiatus during 1991 for the S1 and D2 programs. Under the S2 program, 6 candidates commenced their studies during 1991, and 15 are scheduled for 1992. In the S1 program, none began in 1991, while 30 are scheduled to start in February 1992 at Padjadjaran University (UNPAD). In the D2 program, none started in 1991, while for 1992, 30 students are scheduled to enter UI and another 30, Hasanuddin University.

30. Issues and Recommendations - Library Automation. Given that there has been little progress on the library automation effort during the last six months, there is an urgent need for improving the staffing arrangement in this area. The automation plans submitted during appraisal were ambitious and delays will have very detrimental impacts on the original time schedule.

31. Although it is appropriate to develop a very detailed request for proposals and to resolicit bids from suitable library automation vendors based on technological developments in the field, it has to be recognized that the computer field changes constantly with new products being offered daily. At some point it is necessary to make a purchasing decision, even though better products may come along later. If UKKP and DGHE have identified a short list of suitable vendors from which to choose, they should proceed with the next steps without any further delay. Finally, it should be reiterated that library automation of large catalogs, such as is planned for the Indonesian university libraries, require that the decision on hardware and software be made based on the best available technology for that purpose; rather than on existing technologies in the different universities, which are likely to be incompatible with each other and possibly outdated.

32. The mission endorses the recommendations made by the British Council consultant and recommends that the proposed staffing arrangements be carried out. Specifically, arranging for the temporary assignment of the automation person from UGM to UKKP should be carried out as soon as possible, so the development work can continue without delay. Funds under the second slice for local consultants can be used to support the services from PusilKom and UGM. Some of the project funds earmarked for international experts should be allocated, if needed, to continue John Ashford's consultancy on a limited, but continuous basis.

33. Equipment Procurement. Several major equipment bids have been undertaken under the various Project components as follows:

Academic Staff Development and Priority Undergraduate Study Programs at 10 teacher training faculties (FKIPs) and 2 IKIPs (S2/S3 equipment and books estimated to cost US\$9.3 million):

Contracts have been signed following first bid and letters of credit opened. Delivery is expected by February 1992. The total contract value is about US\$4.8 million. A second LCB bid for leftover items estimated to cost US\$1.8 million is scheduled for the near future.

Educational Quality Inputs (equipment estimated to cost US\$1.88 million):

Of the printing plants at 26 institutions scheduled to receive maintenance assistance, only 10 received these funds. Leftover funds were then used to purchase printing equipment for 4 of these 10 printing plants. 29 of the 45 planned basic science laboratories received maintenance grants of about Rp75 to 100 million annually for three years. 15 of the 35 planned language laboratories received grants of Rp50 million annually for three years. These maintenance grants were only given to those facilities that were in the worst condition. No books were written as planned due to the difficulty of hiring writers although 100 books have been translated (with 8 of these published so far) and another 27 are being translated (out of 120 expected).

Support to Private Institutions (Growth Centers):

The equipment planned to be purchased under this Project for the nine Growth Centers has been postponed. Only the four currently under construction will be equipped and furnished during FY92/93 under Loan 3311-IND. Equipment and books for the remaining five will follow the evaluation of operations of the newly constructed four to take place under Loan 3311-IND. The four Growth Centers will be asked by the Central Project Implementation Unit (CPIU) to draw up equipment lists and specifications as construction of the Centers is nearing completion at three of the sites.

Facilities Upgrading and Campus Development:

Equipment for UI (estimated to cost US\$3.8 million) has been contracted (for a total cost of US\$3.6 million) with about 60% delivered and the rest expected by early next year. Equipment for the universities of Tadulako, Cenderawasih and Mataram and for IKIP Malang has been completely delivered.

Polytechnics:

22 polytechnic equipment contracts (for a total cost of about US\$16.3 million compared to an estimate of US\$19.0 million) were signed following ICB with almost all items now delivered to 11 polytechnics and the Polytechnic Education Development Center in Bandung. A substantial number of computers are being provided for the commercial programs.

Civil Works

34. Extensive civil works were undertaken under the Project at sixteen institutions including universities, Growth Centers and IKIPs. Most have been completed although one Growth Center, at Ujung Pandang, has not yet been started. Bids for its construction are currently being evaluated. The other three Growth Centers are from 45 to 95% complete with minor landscaping, drainage, parking, etc. still to be contracted.

Loan 3311-IND

Improvement of Quality and Efficiency

35. Academic Staff Development. Since April 1991, 168 candidates have started pre-departure language training and 57 candidates have departed for overseas S3 (PhD) study programs. A total of 55 candidates have departed for

overseas S2 (master's degrees) studies. It should be noted that the number of S3 fellows already far exceeds the SAR target for the 3-year project period (28 candidates) and includes study programs initiated under the first Project. The SAR target for the first year of the second Project is only 17 candidates.

36. The in-country S2 master's degree program is covering a total of 3,752 students (SAR target for 1991/92 - 3,325) including 2,411 programs initiated under the first Project. The equivalent figures for doctoral programs are 526 students including 378 initiated under the first Project (SAR targets - 454 and 380, respectively).

37. Support for University-Based Research. One major issue in the first and Second Higher Education Projects (first and second slices) is the improvement needed in teaching and research quality and relevance. This requires upgrading of both physical and human resources. Provision of classrooms, laboratories, new curricula, textbooks, libraries and equipment is essential, but the decisive factor is the training of higher education staff. A general strategy has been to provide them with research degrees (S2 and S3) through in-country and overseas programs, based on the assumption that research activities not only improve the knowledge base, but also provide incentives and the ability to constantly upgrade this knowledge. The improvement of research quality and increase of research activity in Indonesia are thus key elements in the human resources strategy.

38. The general strategy has been, with increasing emphasis from the first to the second slice, to provide research opportunities and incentives. The latter would be in the form of rewarding good research and discouraging poor research. In particular, if researchers must compete for funding for their research, both productivity and quality are likely to improve much faster than when funding is taken for granted. This is the basis for the small research grants scheme in the Research Director's office, which was increased and improved from the first to the second slice. It has developed considerably since the start and is now a major source also for research guidance and monitoring in Indonesia.

39. The number of applications for research support under the grant scheme has grown from 925 in 1988/89 to more than 2500 for 1992/93 (Table I).

Table I	1988/89	1989/90	1990/91	1991/92	1992/93
Applications received	925	1682	1876	2067	over 2500
Grants awarded	314	547	621	696	NA
Average size of grant (M Rps)	7.6	5.9	6.1	5.8	NA

40. On average, one-third of all applications come from the field of agriculture, and one fifth from education, reflecting the unusually large size of these fields in Indonesian universities. For 1991/92, the fields of medicine, natural science, and engineering combined only submitted a slightly larger number of applications than education alone, and they did not receive as many total grants. Increasing the research activities in science and

technology is a major task; in the second slice, there are special, earmarked grant funds for this purpose.

41. During the years 1988/89-1991/92, two universities (UGM and the Institute of Agriculture, Bogor (IPB)) submitted more than 500 proposals each, while 23 public universities submitted fewer than 100 each. However, partly due to course activities on research methodology, etc., in less active universities, and partly due to a feedback to unsuccessful applicants, the participation rate for these universities has increased in recent years. Also private universities now apply; in 1991/92, proposals were received from 62 private universities (6%). Only 15 of these received grants, but since unsuccessful applicants now are given detailed information on problem areas in the proposed research, the application is not a wasted effort. On the contrary, many highly appreciate this form of guidance.

42. The evaluation of proposals is based on strict quality criteria, with some provisions for weaker universities. It is performed by small groups of qualified and experienced researchers. Over the years, younger researchers have received a large share of the grants; university staff with only S1 degrees receive over one-third of the grants. Although 25% of public university staff are women, only 20% of the applicants are. Women also received 20% of the grants.

43. All successful applicants are required to write a final report and a research paper. These are the basis for an evaluation of the outcome of the project. For the years 1988/89-1990/91 over 60% of the completed projects were classified as good or very good, and only 7% as poor. By comparison, a similar evaluation of 295 research projects supported by local university funds was performed. Of these only 10% were classified as good, but 38% as poor, illustrating the effect of the competitive research procedures.

44. The demand for a proper research paper, describing the results of each funded research project, contributes greatly to scientific writing in Indonesia. All papers are reviewed and critical comments are submitted to the author. The authors of the 50% best papers are invited to a national seminar, held annually, where they have an opportunity to present their research to a qualified audience.

45. The publication of the research papers presents a major problem, since there is a lack of good, subject-specific research journals in Indonesia. After the research papers have been edited, they are initially published in (for 1990/91) 7 subject specific volumes. Some are also offered to journals with the potential of becoming national journals for specific subjects. In the second slice, such journals will be provided with funds to cover the costs of publishing the papers, in order to encourage and facilitate their transformation into national journals.

46. The issue of scientific publishing has now become of major importance. The cost/benefit ratio for investments in improvements of research journals in the country is likely to be much better than for any other investment in research. A possible way one might proceed, would be to establish a small office under the Director for Research, headed by an experienced research journal editor (possibly expatriate), who could help the development of a number of Indonesian journals into high quality national research journals for specific fields, providing both information on recent research and reviews for use by industry, agricultural extension workers, etc.

47. In addition to the development of national journals, which will facilitate the transition to international publishing, it is important that course activities on research methodology, proposal and scientific writing, etc., are further strengthened. A proposal for such activities under the second slice was recently turned down by the Ministry of Finance. It is unfortunate if such cost-effective, but inexpensive activities are delayed. Another delay was experienced in the payments of the small research grants for 1991/92, which hurt local research planning a great deal.

48. A major issue for the quality improvement of university teaching and research remains the low salaries in the public sector. In order to take full advantage of the large investments in buildings and equipment, it is important that researchers are relieved from second jobs, so that they can concentrate on their research. Presently, a very small amount in the research grants can be used to compensate for loss of income from second jobs by researchers who want to concentrate on their projects. This amount should be increased considerably in order to have the wanted effect.

49. University Library Development. Book and journal purchasing under the second slice will follow a different and more streamlined procedure from that under the first Project, necessary because of the large volume of materials to be bought. A total of US\$8 million worth of books and journals will be purchased under the Project, with about US\$6 million for books and US\$2 million for journals. Information has been sought from twelve large publishers who represent a substantial number of expected book titles, to identify their current local agent. In all cases, they appointed Scientific as the local agent. Titles to be purchased from these publishers are proposed to be ordered directly and shipped to Indonesia via Scientific, who will be responsible for all in-country handling. This procedure is expected to result in a large discount on the items bought. Based on current purchases, this will result in approximately 1/3 of all titles (estimated to cost about US\$2 million) being bought under this arrangement.

50. The remaining titles will be purchased through a service contract with a recognized book jobber. Currently, four international jobbers have been identified and requests for technical capabilities have been solicited and are being submitted now. These jobbers will also need to work through a local agent, to handle the in-country aspects of the purchase. With regard to the journals, a list of local agents who can provide these services has been identified and presented to the Minister for approval. If approved, UKKP will proceed with a request for technical capabilities from these vendors, including the special services to be handled. If none are able to do so, proposals from international vendors will be solicited. About 1,500 journal titles are expected to be purchased for a period of three years.

51. Issues and Recommendations - Acquisition of Books and Journals. The mission is concerned that the proposed book purchasing arrangements should result in the most advantageous service for Indonesian universities. One of the most useful services to be gained from a book jobber is the supply of cataloged records--in electronic or hard-copy form or both--together with the purchased books. This eliminates the need for UKKP to invest its time in cataloging all books into their union catalog. The proposed arrangement with Scientific, while possibly resulting in a lower discount for the books, does not seem to provide this service. It should also be noted that a sufficiently large discount with the publishers can only be obtained, if books are bought in large quantities at any one time.

52. The mission recommends that the contract signed with Scientific include a statement that these cataloging services will be provided as part of the purchasing service. The World Bank will need to review the request for tender document for both books and journals contracts, and the proposals selected by DGHE, prior to approval of the signing of the contracts.

Improvement of Fields of Study Reflecting Human Resource Needs

53. Basic Science. The basic sciences, including mathematics, form the foundation for many applied fields, such as engineering, medicine, agriculture, etc. Faculties of science only exist in one-third of the public universities in Indonesia, but instead of a fast expansion of the number of faculties, the first and, in particular, the second slice attempt to improve the quality of existing science departments. Under the first slice, this has been done through development of physical facilities, provision of equipment, books, library services, educational materials and improved maintenance. In addition, a large number of science faculty staff have taken part in in-country and overseas S2 and S3 programs. Many of these are now returning to their teaching and research activities, and the second slice will attempt to ensure that full advantage is taken of the earlier investments.

54. The staff development from the first slice is continuing in the second in such a way that no unnecessary interruptions of study programs occur. In addition, a considerable upgrading of teaching and research equipment in the science faculties will take place. In particular, postgraduate science and math degree programs will be strengthened in a limited number of departments in the country. Instrumentation and calibration centers will be established in eight locations, in order to ensure proper maintenance of the teaching and research equipment.

55. In order to coordinate and optimize the upgrading process, in particular the selection and purchase of equipment, a 13 member expert group has been formed, chaired by the Secretary of the Consortium for Science. The core of the group consists of two specialists in each of the fields of biology, chemistry, mathematics, and physics; one expert in each field is from the Institute of Technology, Bandung (ITB) and one is from UI. They have the additional task of determining local needs and at the same time advising local scientists on how upgrading of study programs can best take place. The group has been given space in the old UI campus. The discussions with local science departments have started, while the final location of the instrumentation and calibration centers have not yet been decided. It is important that the placement and equipment of these centers be coordinated with the IUC Centers for Information and Technical Services and with other similar centers on the individual campuses.

56. The expert group expects to have finished equipment lists by December 1991, and it is hoped that final delivery will take place around May 1993. It is important that a final adjustment of the specifications, especially for research equipment, is made possible if too long a time passes between initial specification and delivery, because of the fast development in the design of research equipment. Parallel with the work on equipment lists, the group has been active in planning related training activities. It is important that a new supervision of this component takes place before the tender, which is expected in May 1992.

57. Science Teacher Training. The special D3 program for training science teachers at leading science faculties (7 in Java and 2 in the Outer

Islands, at USU and UNHAS) outside the traditional teacher training institutions has greatly increased the number of science teachers. Based on one of the studies (number 3) under the first slice, it was decided that the still existing local shortage of science teachers in the Outer Islands did not require the production of D3 teachers in Java. Therefore the intake in the seven universities in Java was ended in 1991, with the last students under the program in Java graduating in 1993, whereas the program continues unchanged at the University of North Sumatra (USU) and UNHAS. The proposed increase in scholarships and compensation to host universities was not accepted by BAPPENAS (the National Development Planning Agency), and these amounts are still unchanged.

58. Science teacher training at the LPTKs (IKIPs and FKIPs) has been improved by the gradual introduction of a modernized curriculum with greater emphasis on the subject matter. The new curriculum was first introduced in all 10 IKIPs and 5 FKIPs in 1990/91, and in the remaining 15 FKIPs in 1991/92. It has been decided that any subject will now be taught by the main department for that subject (all math courses will be taught by the math department, etc.). In connection with the new curriculum, courses for selected staff, four from each subject at each IKIP and FKIP, are being held. The planned series of new textbooks, however, has not been written; it was not possible to find willing and qualified authors.

59. The monitoring of the progress with the new curriculum under the second slice is done by a nine-member expert group, consisting of one curriculum expert and two experts in each of the fields of biology, chemistry, mathematics, and physics. For each field, one expert comes from IKIP Bandung, the other from ITB.

60. As part of the strengthening of science teacher training, the less demanding D2 programs are now closed at the LPTKs, and the D3 programs are being decreased in volume.

61. Private Higher Education. A key aspect of the two Higher Education Development Projects is the private higher education institutions covering a huge and growing part of the sector. This subsector has considerable potential but at the moment the budgetary situation seems to be poor. This is doing harm to the quality and the reputation of the private institutions. The mission strongly recommends that the DGHE formulate a policy for the future development of this subsector. Accordingly, the study on a Strategy for the Development of Private Higher Education should be undertaken as soon as possible.

62. Support for Polytechnics. So far no funds under Loan 3311-IND have been released for the support of the polytechnics. According to the director of the PEDC the selection of fellows for overseas postgraduate studies has commenced. There is a strong wish on the part of the Polytechnic Education Development Center (PEDC) to develop a "sandwich model" building on cooperation between a local and an overseas university. In this model the fellows would earn credits at both universities and the final certificate would be issued and signed by both universities. The mission recommends that this type of arrangement be further developed. However, it is important to note that this should not imply that the demands for proficiency of students in foreign languages be reduced.

63. The accelerated two-year S1 program for teachers holding a D3 is well underway. At present 100 teachers are enrolled in this program which

exceeds the targets. The reason is that more applicants than expected have enrolled. All applicants who pass the admission test are accepted. The total target group is approximately 200-300 teachers. The mission was informed, however, that government funding for this program has been delayed for more than two months and urges the DGHE to look into this problem in order not to disturb the continuity of the training.

64. The polytechnic education system is in the process of consolidation and still receives support from Switzerland and Australia. It was noted that since the joint missions of the World Bank, Swiss Development Cooperation and Australia, all support has been coordinated and in line with the SAR and the recommendations made in the joint review mission reports. An example is a fellowship program designed to strengthen management of the polytechnics, supported by grants from Switzerland and Australia. The program includes one month training courses for directors and three months courses for planners at lower levels.

65. A start-up seminar for a comprehensive curriculum review has been held with representatives from the DGHE, the polytechnics and private and state owned industries and from other government departments including the Ministry of Industry. In the next phase, sub-groups will be formed covering the different fields of study and workshops will be held. The funding for this process is included in the budgets and under Loan 3311-Ind. Support will be provided by experts from Switzerland and Australia.

66. There seems to be an increasing awareness and appreciation in the Indonesian community of the polytechnic education system. Bandung had about 10,000 applicants for 500-600 student places in 1991 (a 50% increase since 1989), and all in the first generation of graduates from the polytechnic in Lhok Seumave have found relevant jobs, some even in Malaysia. The increasing number of applicants contributes substantially to the budgets of the polytechnics as a fee of Rp.25,000 is charged for the admissions test.

67. According to the SAR, adoption of a plan for the establishment of equipment maintenance and repair services, and an action plan and a training schedule for service personnel and instructors is a condition for disbursement of the loan for polytechnic equipment (exceeding US\$1.0 million for items urgently needed). In order to meet these conditions, an initial study has been carried out, financed by a grant from Switzerland. This has resulted in a schedule for implementation of the actions required including schemes for staff requirements and staff training. This training will be carried out as local training with assistance from Switzerland. According to the plan a pilot maintenance center will be established in Bandung and after a test period centers will be established at the remaining polytechnics. Experts will recommend on the type of maintenance and repair facilities that should be available at all polytechnics and which should be established at a centralized unit. The plans should be forwarded to the Bank in order to have loan funding for equipment released.

68. According to new government regulations, the polytechnics should become autonomous by 1993. The regulation is due to be implemented, and at present standard statutes for the independent polytechnics are being drafted. This step is very important and will provide further incentives for the polytechnics to engage in income generating activities. There is substantial potential for this kind of activity but the staff is young and without industrial experience. However, encouraging examples occur. At the ITB Polytechnic a number of experienced technicians from Garuda Indonesia are

being trained to be upgraded to D3 level. The training is being funded by Garuda on a contractual basis. In Ambon, the regional Department for Public Works has asked for assistance with some measuring tasks and special arrangements including a foundation have been established to cover the relationship.

69. Previous World Bank missions have recommended that the DGHE consider a restructuring of the polytechnic education system by the establishment of a new Directorate of Higher Technical Education (DHTE). This directorate could also be responsible for other third level diploma courses. The recommendations also included a proposal for a reconstruction of the PEDC. The decision to grant autonomy to the polytechnics makes it even more important to review the management structure of this education system. The mission strongly recommends that the DGHE take the necessary steps to have this issue discussed and dealt with.

70. Environmental Study Centers. There has been reasonable progress despite serious financial problems; the national management team has been nominated by DGHE and is already at work (although it has no budget)³; an adequate project office has been established at UI; all participating ESCs have submitted lists of books, materials and equipment to be considered for OECF financing; ESCs have submitted 158 research proposals to be considered for Bank financing and an evaluation team has been selected with decisions planned at the conclusion of meetings scheduled for November 18 - 21; a DIP covering FY91/92 research expenditures under the Bank loan has been fully approved; and the OECF loan was signed September 19, 1991, prior to the September 30 deadline agreed during negotiations of the Bank loan.

71. The main current problem is that funds are not yet available to begin implementation of the component. FY91/92 DIP funds have been approved for the Bank's financing share, but these are dedicated exclusively to carrying out research. (The DIP for the Bank's share does not need a Rupiah counterpart budget.) These funds cannot, for example, be used to pay for the Chief Technical Advisor, National Project Director, travel or other operational expenditures required to review the 158 research proposals that have already been submitted. Such expenditures are to be covered under the OECF's financing share and its Rupiah counterpart budget, but the FY91/92 DIP for this has not yet been approved. The Rupiah counterpart budget, in particular, is needed immediately to provide for operational expenditures if there is to be any significant further progress during FY91/92. The mission recommends immediate approval of the FY91/92 DIP, including both OECF and counterpart financing, by the Secretariat General and BAPPENAS.

72. According to Clause 4.02 of the Loan Agreement, the inability of OECF to provide for in-country training means that GOI must seek funding from other sources. OECF staff had hoped that their Sector Program Loan might be such a source, but Mr. Suyi confirmed to the mission that this would not be possible. Therefore the mission recommends that GOI should either provide for in-country training from its own budget, beginning with the FY92/93 DIP which should now be under preparation, or it should request a revision in the Bank

³ Dr. Muhammadi as National Project Manager, Dr. M. Suryani and Dr. Soeratno Partoatmodjo as Regional Technical Advisors, Mr. Ali Syamli Ibrahim as PIMPRO (Project Leader), and Ms. Nelly M. Oeloendeda as Project Administrator.

Loan Agreement to allow absorption of this cost from the in-country training category of Schedule 1 or from the unallocated amount.

73. It was agreed at negotiations that the rectors of the universities hosting project ESCs would adopt action plans satisfactory to the Bank by December 31, 1991, ensuring that: (i) the ESC will be incorporated as a constituent part of the university; (ii) full-time staff will be assigned to core positions in the ESC; and (iii) all ESC staff will receive full credit toward promotion for their activities (SAR, para. 3.19). The mission confirms that the project ESCs are already incorporated as constituent parts of their universities and that all have core staff allocated for a maximum of time permitted by university rules (most require regular faculty members to devote 25% of their time to classroom teaching in their parent faculty), with the twelve target ESCs having five or more core staff. The mission concludes that agreements (i) and (ii) have been met in substance, but recommends that both issues be raised in a letter from project management to the rectors requesting their confirmation of this understanding.

74. The issue of promotion criteria, raised in item (iii) above, is more complicated and less likely to have an early resolution. The key problem is that environmental science is not yet recognized as an academic discipline for which credit toward promotion can be given on the basis of research and publication achievements. At present the ESC Directors and university administrations can do no better than to encourage environmental staff to carry out research and to publish in their parent disciplines (e.g., biology, forestry, chemistry) alongside their broader environmental activities at the ESCs (e.g., watershed management and environmental impact assessment). The mission recommends that project management raise this issue in a letter to the rectors, urging them (a) to request that DGHE recognize environmental science as an academic discipline within a fixed time period, say two years, and (b) to work with their ESCs, university senates and DGHE to agree on appropriate promotional criteria during that same period.

75. Several other issues of lesser immediate importance were discussed with the mission:

- (a) United Nations volunteers (UNV). OECF financing can be used to provide for national and international travel for UNVs and, in principle, Bank financing can be used to provide for specific research expenditures. As yet, however, there is no identified source of funds for other UNV costs and the mission understands that the ESC Directors are not yet fully committed to recruiting UNVs even if financing is found. It was agreed that this issue would be considered again in three to six months.
- (b) Chief Technical Advisor (CTA). Recruitment of the expatriate CTA is not possible until a DIP for OECF's financing share is approved. Meanwhile, however, it was agreed that project management would (a) confirm availability of the preferred candidate, (b) identify at least one alternative candidate, (c) clear at least the preferred candidate with OECF, if that is required, and (d) prepare contract documents, pre-negotiate them with the candidate, and clear them informally with DGHE and BAPPENAS.
- (c) Short-term Advisors (STA). It was agreed that STA candidates would be identified by project management and the ESCs, but that none

would be engaged until all financing and administrative arrangements are in place.

- (d) Loan Implementation Instructions. It was agreed that project management would assist DGHE in preparing implementation instructions covering the Bank and OECF shares of the project, and that these be issued as soon as possible. These instructions would refer to model documents for research awards and all contracts to be issued by and for the ESCs.

Improvement of Planning, Management, and Project Implementation Capacity.

76. Studies and Evaluation. As a result of the experience gained under the first Project, DGHE engaged an expatriate consultant, Dr. Clark, to draft terms of reference for the studies included under the Second Project and agreed also to use him for about one staffyear for quality control of the studies. Selection of consultants to undertake the studies will be based on competitive bidding. Invitations to bid will be sent to short-listed firms and individuals selected from a long list. The long list was prepared by a three-member committee comprising well-known and highly respected Indonesian researchers. The Bank has received the draft terms of reference for the studies, the long and shortlists of consulting firms/individuals and the draft invitation to bid and bidding documents.

77. Project Management. The budget picture for the Second Project for FY91/92 has not brightened since the last review mission. Budget allocations still stand at about about 50% of the planned expenditures shown in the SAR and the Working Papers for the Project. It is doubtful, if the entire program planned for this FY could have been implemented in any case, as the Loan was not declared effective until June 21, 1991, and due to the peculiarities of the GOI's budget system, no funds to implement the Project could be spent prior to effectiveness even though these expenditures could be later reimbursed from the Loan, which by that time had, of course, been signed. Then although the initial deposit into the Project's special account was requested and made following effectiveness, another lengthy wait ensued before a letter dated October 22, 1991, was forwarded to the KPKN from the Ministry of Finance authorizing them to use the funds in the special account for the purposes of the Project. As the GOI contribution to the project costs is relatively small, this has meant that although first year activities have been thoroughly planned, funds to implement them have not been available until very recently. The CPIU is hopeful nevertheless, that the reduced plan activities will all be implemented before the end of the fiscal year on March 30, 1992.

78. The project budget request for FY92/93 is currently under preparation for submission to the Government early in 1992. Many of the activities scheduled for FY91/92 are expected to be made up next year. The Loan Agreement requires that the CPIU by December 31, 1991, prepare and furnish to the Bank, for its review and comments, a report on the implementation of the previous fiscal year's budget for the Borrower's higher education program, and a proposed budgetary allocation for the following fiscal year, and, thereafter, taking into account the Bank's comments, if any, make the required budgetary allocations for the carrying out of such program during the following fiscal year (Schedule 5, Clause 1.(b)). (A similar covenant also appears in the Loan Agreement for the first Project.) At negotiations, it was agreed that the report should cover the higher education expenditure program as a whole including the specific budgetary provision for the activities to be financed under the Project.

79. Therefore budgetary reports should be submitted by the due date, on the overall higher expenditure program plus on the proposed specific project allocations. It was agreed that part of the latter report would consist of the final project budget documents titled "Usulan Lembar Kerja" for both Projects which show in detail, the basis of the budget requests. (The mission would also like to remind the CPIU that the required audit reports for both Projects for FY90/91 are also due by December 31, 1991, and urges that all required steps be taken as soon as possible so that they can be submitted on time.)

80. The mission would also like to remind the CPIU of requirement that progress reports for both projects be prepared and submitted to the Bank semi-annually by April 30 and October 31 each year. These reports should indicate both project inputs and project outputs as outlined in the SARs. Information should also be included on how well the Action Plan for Higher Education is being met. A format for these reports was provided by a previous Bank mission and a copy will be forwarded upon the mission's return to the Bank. The next report covering the period from November 1, 1991, is due at the Bank by April 30, 1992, or shortly thereafter.

Action Plan for Higher Education

Current status:

Improvement of quality and efficiency:

- Raise status of university librarians and integrate private and public university libraries into a national network:

The status of university librarians has been raised from "administrative staff" equivalence to "teaching staff". The integration of private and public libraries into a national network is still under preparation. Under the first phase a national network within the public universities will be established.

- Implement recommendations of teacher training study:

Some recommendations of the teacher training study have been implemented.

Resource mobilization and finance:

- Prepare and disseminate information to the public on state university operating costs, government subsidies, and levels of student fees:

Has been conducted.

- Expand student loan scheme and extend it to private university students:

No progress.

- Stimulate new sources of funds/revenues for state universities and encourage well-established ones to self-finance some of their expenditures:

Now in the process of implementation, based on Government Regulation No. 30/1990.

Planning and management of higher education:

- Adjust rate of expansion of state university enrollments and study programs to annual availability of financial resources and qualified secondary school leavers:

Has been done, using "Memo Progress Koordinatif (MRK)"; the document contains DGHE policy for the following year, regarding intake, study programs, finance.

- Establish and operate an ongoing tracer system for graduates of institutions of higher education:

Not for all graduates. Has been conducted for engineering in relation to progress in acceleration of Engineering Education (PPI).

- Prepare a strategy for the development of private higher education:

It has been prepared, and documents have been forwarded to World Bank mission. Needs further revision.

- Professionalize university management by developing a functional stream of university manager, distinct from academic administration:

Has been implemented.

- Operationalize the Management Information System in all state universities and KOPERTIS:

Still being developed.

- Strengthen management capacity of university administrators:

Has been done, but still to be improved.

Implementation:

- Monitoring team will prepare an annual report on implementation of all World Bank assisted DGHE projects

Has been conducted.

- Joint annual DGHE/IBRD review of current and forthcoming year's expenditure program and implementation of action plan:

Never conducted.

- A project implementation workshop will be held each year:

Has been conducted.

Source: CPIU

Project Budget FY92/93

PEMBAYARAN PROYEK SECOND "HDP" IBRD LOAN 3311-IND
 MENURUT PROYEK DAN KATEGORI
 TAHUN ANGGARAN 1992/1993

(do not include recurrent expenditures)

to be submitted Dec/Jan 92
 preliminary draft - additional amts needed -
 (dalam ribuan rupiah)

waiting for requests from other institutions

NO	NAMA PROYEK	CIVIL WORKS (I)		EQUIP/FUR/BOOK/JOURNAL (II)		CONS.SERVICES (III)	OVERSEAS TRAINING (IV)	IN COUNTRY TRAINING (V)		RESEARCH (VI)	ADM & MANAG SUPPORT (VII)		JUMLAH ANGGARAN		
		LOAN	MURNI	LOAN	MURNI	LOAN	LOAN	LOAN	MURNI	LOAN	LOAN	MURNI	LOAN	MURNI	LOAN+MURNI
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16=(14+15)
1.	UI	-	-	-	-	-	-	1,672,528.50	2,044,201.50	-	182,044.00	-	1,354,572.50	2,044,201.50	3,398,774.00
2.	IKIP JAKARTA	-	-	-	-	-	-	638,280.00	780,120.00	-	64,720.00	-	703,000.00	780,120.00	1,483,120.00
3.	IPB	-	-	-	-	-	-	1,739,385.00	2,125,915.00	-	74,867.00	-	1,814,252.00	2,125,915.00	3,940,167.00
4.	ITB	-	-	-	-	-	-	2,033,932.50	2,485,317.50	-	98,088.00	-	2,132,020.50	2,485,917.50	4,617,938.00
5.	UNPAD	-	-	-	-	-	-	1,168,985.00	1,428,735.00	-	57,300.00	-	1,226,285.00	1,428,735.00	2,655,000.00
6.	IKIP BANDUNG	-	-	-	-	-	-	514,710.00	629,090.00	-	5,000.00	-	519,710.00	629,090.00	1,148,300.00
7.	UNDIP	-	-	-	-	-	-	242,649.00	296,571.00	-	4,000.00	-	246,649.00	296,571.00	543,220.00
8.	UGM	10,535,309.00	4,557,991.00	2,470,000.00	-	352,210.00	-	2,488,553.00	3,041,687.00	-	43,912.00	-	15,990,084.00	7,599,878.00	23,589,762.00
9.	UNAIR	-	-	-	-	-	-	852,750.00	1,042,250.00	-	5,000.00	-	858,750.00	1,042,250.00	1,301,000.00
10.	I T S	-	-	-	-	-	-	739,125.00	902,154.00	-	5,000.00	-	743,126.00	902,154.00	1,645,280.00
11.	UNIBRAW	-	-	-	-	-	-	327,123.00	399,817.00	-	4,000.00	-	331,123.00	399,817.00	730,940.00
12.	IKIP MLG	-	-	-	-	-	-	492,817.50	602,332.50	-	5,000.00	-	497,817.50	602,332.50	1,100,150.00
13.	U S U	-	-	-	-	-	-	102,667.50	125,482.50	-	6,500.00	-	109,167.50	125,482.50	234,650.00
14.	UNAND	5,886,090.00	2,522,610.00	-	-	146,300.00	-	-	-	-	5,000.00	-	6,037,390.00	2,522,610.00	8,560,000.00
15.	UNLAMB	1,683,780.00	721,620.00	292,500.00	-	54,462.00	-	-	-	-	5,000.00	-	2,035,742.00	721,620.00	2,757,362.00
16.	UNHAS	-	-	-	-	-	-	800,226.00	978,054.00	-	6,000.00	-	806,226.00	978,054.00	1,784,280.00
17.	I S I	-	-	-	-	-	-	-	-	-	40,290.00	-	40,290.00	.00	40,290.00
18.	KOPWIL I	-	-	711,250.00	-	-	-	-	-	-	3,750.00	-	715,000.00	.00	715,000.00
19.	KOPWIL VI	-	-	711,250.00	-	-	-	-	-	-	3,750.00	-	715,000.00	.00	715,000.00
20.	KOPWIL VII	-	-	711,250.00	-	-	-	-	-	-	3,750.00	-	715,000.00	.00	715,000.00

10% of year 1 and 2

5,886,090.00 2,522,610.00 - - 146,300.00

1,683,780.00 721,620.00 292,500.00 - 54,462.00

initial construction call in FY92/93 + 175000 FY91/92

total for FY92/93

TARUN ANGGARAN 1992/1993

(dalam ribuan rupiah)

NO	NAMA PROYEK	CIVIL WORKS (I)		EQUIP/FUR/BOOK/JOURNAL (II)		CONS. SERVI CES (III)	OVERSEAS TRA INING (IV)	IN COUNTRY TRAINING (V)		RESEARCH (VI)	ADM & MANAG SUPPORT (VII)		JUMLAH ANGGARAN		
		LOAN	MURNI	LOAN	MURNI	LOAN	LOAN	LOAN	MURNI	LOAN	LOAN	MURNI	LOAN	MURNI	LOAN+MURNI
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16=(14+15)
21.	KOPWIL IX	-	-	711,250.00	-	-	-	-	-	-	3,750.00	-	715,000.00	.00	715,000.00
22.	P2BLN <i>pre departure training</i>	-	-	-	-	-	-	922,050.00	1,126,950.00	-	-	-	922,050.00	1,126,950.00	2,049,000.00
23.	PPPM <i>research</i>	-	-	-	-	-	-	-	-	8,209,570.00	-	-	8,209,570.00	.00	8,209,570.00
24.	PSIMPT -SIMES/SINAS/STUDY (<i>no far in complete</i>)	-	-	-	-	-	-	-	-	-	309,000.00	75,000.00	309,000.00	75,000.00	384,000.00
25.	PPPTS <i>private</i>	-	-	97,370.00	-	-	-	63,270.00	77,330.00	-	18,500.00	-	179,140.00	77,330.00	256,470.00
25.	POLITEKNIK	1,354,530.00	794,820.00	4,967,000.00	-	528,496.00	-	810,630.00	990,770.00	-	-	-	8,180,706.00	1,785,590.00	9,966,296.00
27.	P2T BLN	-	-	32,553,625.00	800,000.00	926,137.00	7,945,737.00	410,458.90	501,672.00	-	1,268,350.00	-	43,104,307.90	1,301,672.00	44,405,979.90
	JUMLAH	20,059,759.00	8,597,041.00	43,245,495.00	800,000.00	2,007,605.00	7,945,737.00	16,019,221.90	19,579,049.00	8,209,570.00	2,223,571.00	75,000.00	99,710,958.90	29,051,090.00	128,762,048.90

*ALL
CPIN*

REV22/LAMP2

*will go
to
of 207.9
planned*

Mr. Roland Osterlund
Mandarin Hotel Room 2009
Jakarta

Dear Mr. Osterlund

I apologize, that I can't see you at 12.00 as I informed you this morning, because I have a meeting in our office suddenly. Please find enclosed the tabel of data of:

I. Loan 2944-IND

1. Predeparture training
2. Overseas training
3. S3 degree (in country)
4. S2 degree (in country)
5. PPI (engineering and technology program)
6. D3MIPA (diplom level secondary school science teacher)
7. FPTK (S1 technical teacher-trainees)
8. Overseas short term training
9. In-country short term training

II. Loan 3311-IND

1. Predeparture training
2. Overseas training
3. S3 degree (in country)
4. S2 degree (in country)
5. PPI (engineering and technology program)
6. D3MIPA (diplom level secondary school science teacher)

Thank you for your attention. See you in our office at 16.00

Yours

Jem Suh

Sederhana Sembiring

(81223)



LOAN 3311-IND

Started April → Sept.

①

Predeparture Training

I	IALF (Australia)	=	31
II	CIPP Yogyakarta (Canada)	=	16
III	ITB (U.S.A.)	=	52
IV	Palembang (U.S.A.)	=	54
V	ITB (U.K.)	=	15
	T o t a l	=	----- 168 participants

Fatt
 April → sept

(2)

Tahun 1991/1992 Loan 3311-IND

Overseas training :

COUNTRY/PROGRAM AND FIELD OF STUDY	USA	CANADA	DENMARK	GERMANY	FRANCE	U. K	SINGAPR	TOTAL
I. S3 degree								
Basic Science		1		2	9	4		16
Engineering				3	9	6		18
Agriculture	5	3		1	6	2		17
Social Study/ Economics		1						1
Health Science	1				3	1		5
Other								0
T o t a l	6	5	0	6	27	13	0	57
II. S2 degree								
Basic Science		2		1	5	3		11
Engineering	1	2	5	6	2	1	1	18
Agriculture		1			3			4
Social Study/ Economics	1	3			2	1		7
Health Science								0
Library Sciences		5				8		13
Other		2						2
T o t a l	2	15	5	7	12	13	1	55

C: \training

In-country

5

TAHUN 1991/1992

S2

Number of students

S3

No.	NAMA UNIVERSITAS	JUMLAH KARYASISWA MENURUT TAHUN ANGKATAN				JUMLAH KARYASISWA MENURUT TAHUN ANGKATAN					
		Matrikulasi 1988/1989	1989/1990	1990/1991	1991/1992	JUMLAH	1988/1989	1989/1990	1990/1991	1991/1992	JUMLAH
1.	U I		126	95	153	374	8	10	13	14	45
2.	I P B		237	186	223	646	20	21	21	16	85
3.	I T B		287	108	229	624	8	5	6	9	28
4.	UNPAD		120	110	131	361	25	24	24	24	97
5.	IKIP JAKARTA		60	90	66	216	12	10	10	11	44
6.	IKIP SURABAYA		60	58	60	178	12	10	10	9	41
7.	U G M	209	30	235	265	739	15	20	23	15	83
8.	UNAIR		80	80	89	249	20	15	15	16	76
9.	IKIP MALANG		60	60	61	181	7	4	10	6	27
10.	UNHAS		60	60	64	184					
	J u m l a h	209	1120	1082	1341	3752	127	119	132	148	526

c. S2-S3/HARDIS

$$\begin{aligned}
 S2 &= (11/12 \times 209) + (11/12 \times 1120) + (12/12 \times 1082) + (7/12 \times 1341) \\
 &= 191.50 + 1.026 + 1.082 + 782 \\
 &= 3.081.5 \text{ Student-Year (including S2 program library development and S2 program basic sciences)}
 \end{aligned}$$

$$\begin{aligned}
 S3 &= (11/12 \times 127) + (12/12 \times 119) + (12/12 \times 132) + (7/12 \times 148) \\
 &= 116 + 119 + 132 + 86 \\
 &= 453 \text{ (including S2 program basic sciences)}
 \end{aligned}$$

PPI

TAHUN 1991/1992

No.	NAMA UNIVERSITAS	JUMLAH SISWA MENURUT ANGKATAN		
		Sebelum 1991/1992	Sudah 1991/1992	TOTAL
1.	U I	2335	430	2765
2.	I T B	3097	340	3437
3.	UNDIP	1221	192	1413
4.	U G M	1955	261	2216
5.	UNIBRAW	1270	300	1570
6.	I T S	3753	420	4173
7.	UNHAS	1246	220	1466
	J u m l a h	14877	2163	17040

c. PPI/HARDIS

$$\begin{aligned}
 &= (12/12 \times 14.877) + (8/12 \times 2.163) \\
 &= 14.877 + 1.442 \\
 &= 16.319 \text{ student-year}
 \end{aligned}$$

D3-MIPA

TAHUN 1991/1992

No.	NAMA UNIVERSITAS	JUMLAH SISWA MENURUT ANGGARAN				TOTAL
		1988/1989	1989/1990	1990/1991	1991/1992	
1.	U S U	123	140	139	99	501
2.	U I	138	178	190	0	506
3.	I P B	149	113	114	0	376
4.	I T B	126	123	125	0	374
5.	UNPAD	138	140	140	0	418
6.	U G M	147	134	151	0	432
7.	UNAIR	108	110	110	0	328
8.	I T S	72	122	123	0	317
9.	UNHAS	141	140	141	120	542
Jumlah		1142	1200	1233	219	3794

c. D3MIPA/HARDIS

$$\begin{aligned}
 & (4/12 \times 1.142) + (12/12 \times 1.200) + (12/12 \times 1.233) + (8/12 \times 219) \\
 & = 380 + 1.200 + 1.233 + 146 \\
 & = 2.959 \text{ student-year}
 \end{aligned}$$

Medan POLY
wines

DAFTAR UPGRADING STAF KELUAR NEGERI

URAIAN UPGRADING : - Kunjungan Singkat (x bulan, minggu/m) : (KS x) - Program Diploma : (S0) - Program Coector : (S3)
 - Training (x bulan, minggu/m) : (T x) - Program Sarjana : (S1) - Program Specialis : (PS)
 - Practical Experience (x bulan, minggu/m) : (PE x) - Program Master : (S2)

NO	NAMA	STATUS	TEMPAT/NECARA	LEMBAGA PENDIDIKAN	JENIS UP GRADE	BIDANG	WAKTU		KETERANGAN
							MULAI	SELESAI	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(10)	(11)
1	Udeok Napitupulu	Staf Edukatif - STM EK	France	IUT	S 0	Electro	85-00		
2	Eoster Tan	Mahasiswa - SI - Sem 5	France	IUT	S 1	Electro	85-00		
3	Ansori S	Trainee PEDC - Alumni EL	Inggeris	HUDDERSFIELD POLY	S 1	EL/ER	86-00		
4	Heru Susanto	Trainee PEDC - Alumni ME	Inggeris	HUDDERSFIELD POLY	S 1	ME	86-00	89-00	Transfer ke PEDC
5	Penteris RP Naibaho	Trainee PEDC - Alumni ME	Inggeris	HUDDERSFIELD POLY	S 1	ME	86-00	89-06	
6	Luluk Fatchurrahman	Trainee PEDC - Alumni ME	Inggeris	HUDDERSFIELD POLY	S 1	ME	86-00	89-07	
7	Arnol Sianungkalit	Trainee PEDC - Alumni SI	U S A	Oklahoma State Univ.	S 1	SI	86-00		
8	Riadi Luhur	Trainee PEDC - Alumni SI	U S A, Coorgia	Southern Tech. Coll.	S 1	SI	86-00		
			U S A, Ohio	Cleveland Univ.	S 2				
9	Sri Mega Darmi	Trainee PEDC - Alumni SI	U S A	Kentucky University	S 1	SI	86-00		Tidak untuk Poli Medan
10	Marcodes Purba	Trainee PEDC - Alumni SI	U S A	Kentucky University	S 1	SI	86-00	90-00	
11	Anoel	Mahasiswa - ME - Sem 3	Japan		S 1	ME	86-00		
	Marolo Sinaga	Trainee PEDC - STM EL	Swiss	HTL Buchs	S 1	Electronic	84-00		
	Haryanto S	Mahasiswa - EL - Sem 6	Swiss	HTL Brugg	S 1	Electro	85-00	90-10	
14	Martinus Huzdani	Mahasiswa - ME - Sem 4	Swiss	HTL Winterthur	S 1	ME Prod.	86-00		
15	Darsan S	Staf Edukatif - Alumni SI	Swiss	HTL Rapperswil	S 1	SI	87-00		
16	Paul Butarbutar	Alumni ME (*)	Swiss	HTL Winterthur	S 1		87-00	92-10	
17	Effendi	Mahasiswa - EK - Sem 4	Swiss		S 1	Informatika	89-00	94-10	
18	Benny B W	Mahasiswa - EK - Sem 4	Swiss		S 1	Informatika	89-00	94-10	
19	Cunawan	Alumni EK (*)	Swiss		S 1		90-00		
20	Suwirjo	Alumni ME (*)	Swiss		S 1		90-00		
21	Budi Indra S	Staf Edukatif - TN	S. Australia	Flinders University	S 2	Edu. Management	89-07		
22	Irianca	Staf Edukatif - TN	S. Australia	Flinders University	S 2	Edu. Management	90-08		
23	Abdul Rahman	Staf Edukatif - ME	Swiss		PE 2	ME Prod.	82-12	83-02	Training machine tool
24	Sastro Koro-koro	Staf Edukatif - TN	Malaysia	UTM Kuala Lumpur	T 3	Maint. Komp.	88-07	88-10	
25	July Iriani	Staf Edukatif - EE	Malaysia	UTM Kuala Lumpur	T 3	Maint. EK	88-07	88-10	
26	Morlan	Staf Edukatif - EE	Malaysia	UTM Kuala Lumpur	T 3	Maint. TK	88-07	88-10	
27	Purman	Staf Edukatif - SI	Malaysia	UTM Kuala Lumpur	T 3	Maint. SI	88-07	88-10	
28	Junaidi	Staf Edukatif - EE	Malaysia	UTM Kuala Lumpur	T 3	Maint. TK	88-07	88-10	
29	Bertha	Staf Edukatif - ME	Malaysia	UTM Kuala Lumpur	T 3	Maint. Mechn.	88-07	88-10	
30	Sumartono	Staf Edukatif - ME	Malaysia	UTM Kuala Lumpur	T 3	Maint. Mechn.	88-07	88-10	
	Fadli	Staf Edukatif - SI	Malaysia	UTM Kuala Lumpur	T 3	Maint. Komp.	88-07	88-10	
	Khairul	Staf Edukatif - TN	Malaysia	UTM Kuala Lumpur	T 3	Maint. Komp.	88-07	88-10	
33	Anwar	Staf Edukatif - EE	Malaysia	UTM Kuala Lumpur	T 3	Maint. EK	88-07	88-10	
34	J. Lisbeth S	Staf Edukatif - TN	S. Australia	PSU-SACAE	T 10	Akutansi	87-05	88-05	
35	Lenny Bida	Staf Edukatif - MKU Rekayasa	S. Australia	PSU-SACAE	T 10	English	87-05	88-05	
36	Tetty Riswanda	Staf Edukatif - TN	S. Australia	PSU-SACAE	T 10	Management	87-05	88-05	Mutasi ke Poli UI Jkt
37	M Faizal	Staf Edukatif - TN	S. Australia	PSU-SACAE	T 10	Akutansi	88-05	89-05	
38	Heddy	Staf Edukatif - TN	S. Australia	PSU-SACAE	T 10	English	88-05	89-05	
39	Risnawaty	Staf Edukatif - TN	S. Australia	PSU-SACAE	T 10	Kesekretariatan	88-05	89-05	
40	Syahnan	Staf Edukatif - TN	S. Australia	PSU-SACAE	T 10	Akutansi Komp.	89-05	90-05	
41	Agus Mariani	Staf Edukatif - TN	S. Australia	PSU-SACAE	T 10	Kesekretariatan	89-05	90-05	
42	Triailowati	Staf Edukatif - TN	S. Australia	PSU-SACAE	T 10	Kesekretariatan	89-05	90-05	
43	Junaidi S	Staf Edukatif - TN	S. Australia	PSU-SACAE	T 10	Management	89-05	90-05	
44	Ariyati	Staf Edukatif - TN	S. Australia	PSU-SACAE	T 10	Akutansi	90-05		
45	Faulina	Staf Edukatif - TN	S. Australia	PSU-SACAE	T 10	Kesekretariatan	90-05		
46	Emy S Barus	Staf Edukatif - TN	S. Australia	PSU-SACAE	T 10	Management	90-05		
47	Daniel Karokoro	Staf Edukatif - TN	S. Australia	TAFE	KS 1	Management	90-10	90-11	

for country

DAFTAR UPGRADING STAF DI DALAM NEGERI

URAIAN UPGRADING : - Kunjungan Singkat (x bulan, minggu/m) : (KS x) - Program Diploma : (S0) - Program Doctor : (S3)
 - Training (x bulan, minggu/m) : (T x) - Program Sarjana : (S1) - Program Specialis : (PS)
 - Practical Experience (x bulan, minggu/m) : (PE x) - Program Master : (S2)

NO	NAMA	STATUS	TEMPAT/KOTA	LEMBAGA PENDIDIKAN	JEMIS UP GRADE	BIDANG	WAKTU		KETERANGAN
							MULAI	SELESAI	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(10)	(11)
1	Sumartono	Staf Edukatif - ME	Medan	PT Trakindo	PE 3m	Maint. Heavy Eqp.	85-00		
2	Abdul Rahman	Staf Edukatif - ME	Medan	PT Trakindo	PE 3m	Maint. Heavy Eqp.	86-00		
3	Abdul Basir	Staf Edukatif - ME	Medan	PT Trakindo	PE 3m	Maint. Heavy Eqp.	86-00		
4	Burhan Ibnu Muhtadi	Staf Edukatif - ME	Medan	PT Astra	PE 2	Maint. Mac Astra	90-00		
5	Supriadi	Staf Edukatif - EK	Medan	Indosat PT	PE 3	Microwave			
6	Robert Samosir	Staf Edukatif - EL	Medan	Indosat PT	PE 3	Telephone Digital	90-06	90-09	
7	Bahtera Tarigan	Staf Edukatif - EL	Medan	Indosat PT	PE 3	Power Supp. Energy			
8	Zulbahrein	Staf Edukatif - EK	Medan	Indosat PT	PE 3	Trans. Microwave	90-09	90-12	
9	Anwar	Staf Edukatif - EK	Medan	Indosat PT	PE 3	Telephone Digital	90-03	90-06	
10	Johnny Hoosan	Staf Edukatif - ME	Cilegon, JABAR	PT Cuna Nusa Fabric.	PE 3	Welding	90-06	90-09	
11	Jonni Indra	Staf Edukatif - ME	Cilegon, JABAR	PT Cuna Nusa Fabric.	PE 3	Welding	90-06	90-09	
12	Berman Hutahaean	Staf Edukatif - SI/MKU	Bandung	IKIP	S 2	Pend. Ehs. Ind.	90-09		
13	Djamaluddin Siregar	Staf Edukatif - TW	Yogya	U C M	S 2	Studi Ekonomi	88-08	89-03	Mengundurkan diri
14	Miduk Purba	Staf Edukatif - EL	Yogya	IKIP	S 2	Pend. Tek. EL	89-00		
15	Zulkifli Lubis	Staf Edukatif - EL	Jakarta	U I	S 2	Komputer	88-00		
(*4)	Burhan Ibnu Muhtadi	Staf Edukatif - ME	Yogya	IKIP	S 2	Pend. Tek. ME	90-10		
16	Joko Sutrisno	Staf Edukatif - ME	Bandung	PEDC	T 1	Grinding Tool	90-05	90-06	
17	Jos Martin	Staf Edukatif - SI	Bandung	PEDC	T 2	Konstruksi Gedung	90-01	90-02	
18	Daulat Panggabean	Staf Edukatif - SI	Bandung	PEDC	T 2	Komputer	90-01	90-02	
19	Tugiman	Staf Edukatif - EK	Bandung	PEDC & PT R F C	T 2	Rep./Maint. EK	86-03	86-05	
20	Akhiruddin	Staf Adm./Teknisi WS - EK	Bandung	PEDC & PT R F C	T 3	Rep./Maint. EK	86-03	86-06	
21	Padli	Staf Edukatif - SI	Jakarta	PT Astra Graphia	T 2	Komputer	90-10	90-11 (*)	
22	Egmond Dantes	Staf Edukatif - ME	Jakarta	PT Astra Graphia	T 2	Komputer	90-10	90-11	
23	Khairul	Staf Edukatif - TW	Jakarta	PT Astra Graphia	T 2	Komputer	90-10	90-11	
24	Widayanto	Staf Edukatif - SI	Jakarta	PT Astra Graphia	T 2	Komputer	90-10	90-11 (*)	
(*17)	Jos martin	Staf Edukatif - SI	Jakarta	PT Astra Graphia	T 2	Komputer	90-10	90-11	
(*21)	Padli	Staf Edukatif - SI	Jakarta	LPKT	T 3	Maint. Komputer	89-12	90-03	
25	Ansharuddin	Staf Edukatif - EK	Jakarta	LPKT	T 3	Maint. Komputer	90-01	90-03	
26	Inferizal	Staf Edukatif - ME	Bandung	LMN, LIPI	T 2	Electroplating	86-04	86-05	
24)	Ansharuddin	Staf Edukatif - EK	Bandung	PAU EK ITB	T 3	Komputer	89-11	90-01	
27	Nurman	Staf Edukatif - ME	Bandung	PAU ME ITB	T 2	Energy Surya	90-10	90-11	
28	Aaron Rozan	Staf Edukatif - EL	Bandung	PAU EE ITB	T 3		90-00		
29	Latif Nasution	Staf Edukatif - SI	Yogya	PAU SI UGM	T 2m	Tech. Bahan	90-03		
30	T Sismawata	Staf Edukatif - SI	Yogya	PAU SI UGM	T 2m	Tek. Air	90-02		
31	Ioson Harianda	Staf Edukatif - ME	Yogya	PAU ME UGM	T 2m	Num. Strength. Mat.	90-01	90-01	

Rev. IAS

Medan, 31 Nopember 1990 PWH/IAS

Direktur,

Pintoro Wirjodihardjo
NIP. 130 517 469

Loan 3211

To be discussed
with dr. You have
Wednesday 10/10?

SUPPORTIVE INFORMATION FOR THE SECOND SLICE
LOAN NEGOTIATION BETWEEN
THE DIRECTORATE GENERAL OF HIGHER EDUCATION AND THE WORLD BANK
FOR IMPROVEMENT OF PRIVATE HIGHER EDUCATION:
OPERATIONAL PLANS FOR THE 4 GROWTH CENTERS

INTRODUCTION

This supportive information for improvement of Private Higher Education, with special reference to the operational plans of the 4 Growth Centres is prepared to meet necessary need for the second slice loan negotiation between the Directorate General of Higher Education and the World Bank, as it was mentioned in the Aide-Memoire of November 1990.

The information of operational plans for the 4 Growth Centers described is presented in summary to the documents that have been reported to Directorate General of Higher Education in Indonesian, by each Growth Center.

The summary covers: location; stage of physical development; types of laboratories; organization; services; functions; financial matters; and status.

CONSTRUCTION PLAN

1. *Locations*

The Growth Centers at Kopertis I, Medan; Kopertis VI, Semarang; Kopertis IX, Ujung Pandang are constructed at the land granted by the respective Provincial Governors, as planned. The Growth Center at Kopertis VII, Surabaya will be built at Hang Tuah University. The University Foundation of the Hang Tuah has provided 2 Hectares to Directorate General of Higher Education to be used and to accomodate the Growth Center.

2. *Stage of Physical Development:*

The construction of the Growth Centers to date as the following:

a) The construction of the building at Kopertis I, Medan has been started November 26, 1990. The building will be completed in July 1991, or 8 months period.

b) The construction of the building at Kopertis VI, Semarang has also been started December 22, 1990, and will be completed in August 1991 or within 8 months. The Minister of Education and Culture has approved PT JASAMAS GRAHA UTAMA, December 6, 1990 to construct the building.

c) Bidding for construction of Growth Center at Kopertis IX, has just been completed. Unexpectedly it has to be repeated. It is expected that construction will started by March 1991.

d) The site of Growth Center at Kopertis VII, Surabaya was changed from the initially planned to the Hang Tuah University. The Kopertis has invited the bidders. We do expect that from bidding to the approval by the Minister of Education and Culture will take about two months, so that construction will be started in March 1991.

OPERATIONAL PLAN

1. *Types of Laboratories at each Growth Center*

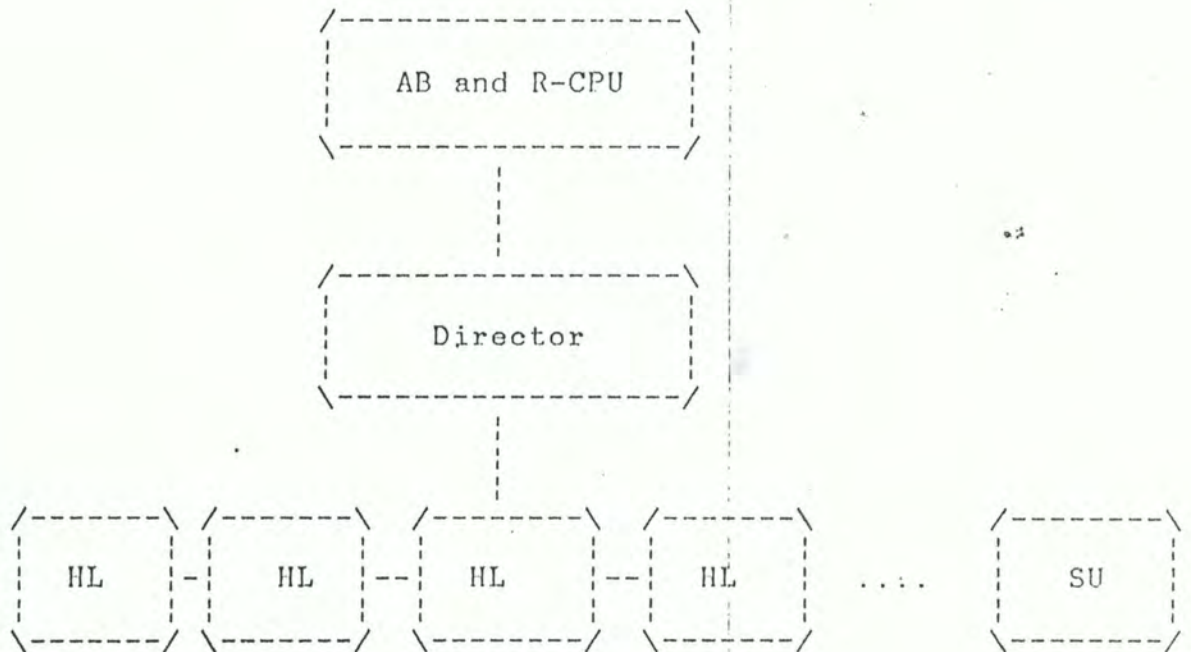
The Directorate General of Higher Education allocates loan fund from the World Bank, aims at improving Private Higher Education with special emphasis to strengthen the basic sciences. The policy has been discussed with the prospectives Kopertis, and the Private Higher Education Association. The results indicated that the urgent needs are as follows:

Type of Laboratories	K o p e r t i s			
	I	VI	VII	IX
Physics	X	X	X	X
Chemistry	X	X	-	X
Computer	X	X	X	X
Biology	-	-	-	X
Language	-	X	X	X
Mathematics	-	-	-	X
Library	-	X	X	-
Supportive Facilities	X	X	X	X

2. Organization

The organization of Growth Centers is designed, to meet system-based approach. The key-elements of the system consist of (1) Advisory Board (AB), represented by the Board of Private University Assembly (B-PUA) and Regional Coordination of Private Universities (R-CPU) or Kopertis, (2) Director of Growth Center, (3) Head Laboratory (HL), and (4) Support Units (SU).

Organization of Growth Center



3. *S e r v i c e s*

The Growth Centers are developed, aimed at improving quality of the teaching and learning processes, with special emphasis to strengthening the basic sciences.

The growth center will serve students enrolled in odd and even semesters at each academic calendar, who came from target universities of each Kopertis. Those target universities,

and the anticipated number of students to do laboratory work in the growth center have been documented in each center.

To anticipate its role, the center has listed laboratory and supportive equipment needed, an input to Directorate General of Higher Education for procurement document. Outlines of course material and curricular activities have also been identified, an input for detail discussion at inter-growth center coordinative workshop.

4. Function

The center will have a growing function as time of development goes on, to cover:

1. To serve curricular activities as planned
2. To produce teaching and laboratory materials, such as manuals, text-books, developmental model.
3. To assist higher education institutions, as well as secondary institutions in the regional Kopertis for establishing basic science laboratories
4. To create the growth center to be the ground for quality improvement of teaching staff and laboratory technicians

through short courses, workshops, and other integrated efforts.

5. To create ^{pa} capability to enable serve the community needs of both public and private, like analytical works, testing, and guidance.

5. Financial matters

The Directorate General of Higher Education provides physical and laboratory facilities of the growth center for quality improvement and enhance institution building of private higher institutions in each regional Kopertis. The management of the center will be carried out by private higher institutions in association with regional Kopertis.

To initiate its function, the Directorate General of Higher Education will provide financial support, in so far as it possible. The size of support will decline to phase out in few years. The policy will stimulate the center to become self-supporting unit through quality services.

The centers have calculated about the prospect of financial matters, as shown in the report. The report suggested that the operational plan of the centers is sound, in terms of fund

needed. It is too early, however, to state that the centers will function without initial financial support and guidance.

6. S t a t u s of Growth Center

The centers are Government owned asset, and therefore each center subjects to Government inspection as those of state owned higher education institutions

REVISED VERSION. SCHEDULE OF ACTIVITIES OF
POLICY STUDIES COORDINATION AND CONTROL.

June 1991 - June 1992

1. PREPARATION AND CONDUCT OF COMPETITIVE BIDDING
2. INITIAL CONDUCT OF STUDY

loan 2311-00

ACTIVITY	1991						1992						NOTES	
	June	July	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May		June
1. Preliminary contact with persons to be appointed as Coordination & Liaison Team.	█	█												By the WB XXI Staff
2. Preliminary contact with divisions and agencies doing similar work of Policy Studies.	█	█												By the WB XXI Staff
3. Preliminary drafting of Tender Documents, including Study TORs.	█													By the WB XXI Staff (bilingual)
4. Dr. David Clark arrives in Jakarta as Technical Assistant to Coordination and Liaison Team.			█	█										Dr. Clark assistance about 1.5 mm Presence of Dr. Clark is very important
5. Final drafting of tender documents and terms of references.		█	█											Contact with the various divisions and agencies by Dr. Clark and WB Staff
6. Individual contact or meetings with divisions or agencies doing similar work, e.g. BALITBANG DIKBUD, USAID-HEDS Project, Tim Studi Pelacakan lulusan Fakultas Teknik/Politeknik (BAPPENAS-DEPNAKER)		█	█											List of proposed contractors prepared by WB Staff and Dr Clark
7. Request for DGHE approval of participating consultants (long list)		█	█											Dr. Clark edits the the English version.
8. Finalized documents ready for inspection: Book I: Rules, Formats Book II: Terms of Reference		█	█											By the WB XXI Staff
9. Distribution of Bidding Documents to listed consultants and invitation to attend Pre-Bid Meeting and intent to Bid.			█	█										Clarification by Co-ordination Team, Administrative Team and Dr. Clark.
10. Clarification of Bidding documents attended also by all Administrative Committee members and Coordination and Liaison Team, DGHE Directors.				█										Dr. Clark returns to the U.S. to resume teaching in Fall '91
11. Amendements of documents as needed.														Dr. Clark arrives in medio Dec. '91 (1 mm)
12. Submission of bids (60 days after Pre-Bid Meeting (two separate sets).						█								participate in examination and ranking of proposals.
13. Opening of Bids (only the Technical Proposals, and Administrative aspect leaving the Cost proposal unopened).						█								Temporary results communicated to the World Bank and DGHE.
14. Examination of Technical Proposal by Coordination and Liaison Team (Experts) and Administrative Committee of the MOE.							█							
15. Announcement of winners by rank followed by opening of proposed Cost envelope.								█						
16. Negotiation of Technical Plan and Proposed Cost by both committees									█					
17. Announcement of award by the DGHE and communicated to the World Bank										█				Awardee/winner and Project Director, co-signed by the DGHE
18. Signing of Contract Documents											█			
19. Conduct of Study during April 1992 until completion, requiring each contractor to submit/present interim Reports. Communicated to the World Bank or invite their presence during the Seminars.												█	█	

The World Bank

INTERNATIONAL BANK FOR RECONSTRUCTION AND DEVELOPMENT
INTERNATIONAL DEVELOPMENT ASSOCIATION

1818 H Street, N.W.
Washington, D.C. 20433
U.S.A.

(202) 477-1234
Cable Address: INTBAFRAD
Cable Address: INDEVAS

January 14, 1992

Dr. O. Simbolon
Project Director
Second Higher Education Development Project
Department of Education and Culture
Jakarta, Indonesia

Dear Dr. Simbolon:

Re: Second Higher Education Development Project (Loan 3311-IND)

1. We would like to acknowledge receipt of your letter no. 4660/1291/CPIU/STD dated December 13, 1991, enclosing a summary of the research contracts to be signed with 61 public and private universities in Indonesia with a total value of about IDR4.0 billion.
2. We have reviewed the contract summary as attached and have no comments. We confirm that World Bank financing for the contracts is at 100% under Category 5 of Schedule 1 of the Loan Agreement. Payment of the Bank's share for these contracts should be claimed under Special Account procedures. Replenishment of expenditures related to these contracts should be made on the basis of Statements of Expenditure (SOEs).
3. We would also like to acknowledge receipt of your letter no. 1831/0192/CPIU/FEL dated January 3, 1992, enclosing a recommendation for award of a training program for 18 selected staff for one year in translation and interpretation. We have reviewed your recommendation and, based on the information provided, are in agreement with your proposal to award this contract to Victoria College in Australia in the amount of about ~~USD~~507,614. We understand that this training program will be part of an on-going contract between the University of Indonesia and Victoria College. *AUD*
4. Please send us one conformed copy of the signed contract and two copies of the Contract Summary in English, so that we can issue our no objection for disbursement of expenditures under this contract.
5. In addition, we would like to mention that we are now also looking forward to receipt of the following reports as mentioned in the aide-memoire drawn up by our last review mission that visited Indonesia during October/November 1991:
 - (a) the audit reports for this Project and for the First Higher Education Development Project which were due on December 31, 1991;
 - (b) the report mentioned in Schedule 5, para. 1.(b), of the Loan Agreements of both this and the first Projects, also due on December 31, 1991, on the implementation of the previous Fiscal Year's budget for Indonesia's higher education program and a proposed budgetary allocation for the next Fiscal Year. Once we

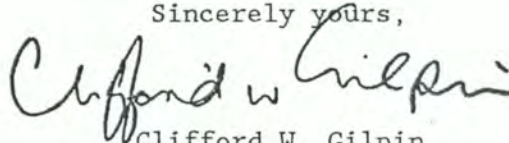
January 14, 1992

have forwarded our comments on this report, if any, the required budgetary allocations should then be made for the carrying out of the program during next Fiscal Year.

6. As Mr. Rooskandar has already mentioned to you, Ms. R. Montague and Ms. B. Duces will be in Indonesia the last week of February 1992 (from February 24 to 29) and would like to spend one or two days discussing with you the main issues that arose during the last review mission as outlined in the aide-memoire. Please let us know if this timing is convenient.

With kind regards,

Sincerely yours,



Clifford W. Gilpin
Division Chief
Population and Human Resources
Country Department III
East Asia and Pacific Regional Office
Country Department V

cc: Mr. Jannes Hutagalung, Director of Budget Administration, MOF
Mr. Yusuf Anwar, Director of External Funds, MOF

Dr. O. Simbolon

- 3 -

January 14, 1992

cc: M/M Duces, You (o/r)

Asia Information Center

RMontague:mb

FORM 384C - Consultant Data Input Form

Project ID: 4INSPA240 Name: HIGHER EDUCATION II Dept/Div: 25850
 Task Manager Name: MONTAGUE
 Extension:

FUNDING

Loan/Credit Number: L33110

CONSULTANT DATA

MIS Tender Number : 3
 MIS Contract Number : 3
 Brief Title of Services: FELLOWSHIP ADMINISTRATION
 Type of Action : 0 ('O' riginal, 'R' evised, 'C' ancel, 'A' ddendum)
 Implementing agency : MINISTRY OF EDUCATION AND CULTURE
 Borrower Tender No :
 Borrower Contract No : NF.1901-I/0292/CPIU/SP
 Type Of Assignment : CTR If 'COC' Specify:
 Type Of Selection : SS SL-Short List, SS-Sole Source
 Short List, Prepared By:
 Date Short List/Sole Source Decision Approved:
 Disbursement category : 3
 Type Of Contract : TB If 'OT' Specify :
 (TB-Time Based, LS-Lump-Sum, OT-Other)
 Price Considered (y,n) : Budget Indicated In LOI (y,n):
 Consultant Budget : 0

	(MMDDYY)		(MMDDYY)
Date Of Proposal Submission	: 01/03/92	Contract Received	: 05/20/92
Approval Date of Selected Firm	: 01/14/92		
Contract Signature	: 02/10/92		
Cofinancing Agency (If Any)		% Cofinanced:	

- 1.
- 2.
- 3.

Optional:
 Price Escalation Clause ? N (y,n) Contract Under Arbitration ? N (y,n)
 Comments:

FIRMS CONSIDERED

No.	Consulting Firms Considered	Ctry Code	Rank	Enter 'Y' If Selected
1	VICTORIA COLLEGE, DEAKIN UNIVERSITY	1AUL	1	Y
2				
3				
4				
5				
6				
7				
8				
9				

Note: For joint ventures: Enter data for all partners; If significant subcontracting, enter data for same.

CURRENCY DATA

Contract Signature (MMDDYY): 02/10/92

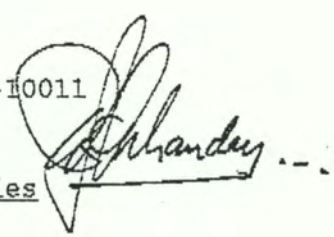
No.	Payment Currency Country Code	Amount In Payment Currency	% Eligible For Disbursement
1	1AUL	507,614	100
2			
3			
4			
5			
6			
7			
8			
9			

F/022/1

The World Bank / RESIDENT STAFF IN INDONESIA - P.O. Box 324/JKT, Jakarta 12940 Indonesia
Phone: 5207316 • Fax: 5200438 • Cable: INTBAFRAD JAKARTA • Telex: IBRD IA 62141

FACSIMILE TRANSMITTAL FORM

Date : January 6, 1992
No. of Page(s) : 3 pages
To : Mr. Man He You, EATPH, Room A 9029
Copy to : Mr. C. Gilpin, Chief, EA3PH, Room A-10011
From : W. Rooskandar, EA3OP
Subject : Loan 3311-IND Higher Education Studies



FAX NO: F/022

Dear Mr. Man He You,

Attached is Dr. Simbolon's letter dated January 2, 1992 which is a response to your letter of December 23, 1991. He asked me to fax the letter to you, to receive an earlier approval from the Bank.

Happy New Year.

Best regards,

W. Rooskandar

File: Loan 3311-IND
WRooskandar/sw



DIREKTORAT JENDERAL PENDIDIKAN TINGGI, DEPARTEMEN PENDIDIKAN DAN KEBUDAYAAN
PROYEK PENGEMBANGAN PERGURUAN TINGGI BANTUAN LUAR NEGERI (PJT-BLN)

~~IDN 1 DAN NO 3024 DAN NO 3311 IND~~

DEPDIKBUD Gedung C, Lantai 18

Jl. Jenderal Sudirman, Senayan - Jakarta - INDONESIA

Telp. 584565, 5707243 - Tromol Pos 3705 Jkt. 10002 Fax. 584565

5

F/022/2

02 JAN 1992

Dr. Man He You
World Bank
Washington DC
U S A

Re : Invitation to submit proposals for Higher
Education Studies, Loan No.: 3311-IND.

Dear Dr. Man He You

Thank you for your letter of December 23, 1991 which we received through the Fax machine. However, owing to the holidays, we were unable to immediately respond to your letter.

There is a matter of semantics concerning the meaning of "Tender Documents". According to the manual issued by the World Bank relating to the Use of Consultants by World Bank Borrowers and by The World Bank as Executing Agency, the use of the terminology "Tender Document" as contained in the above manual is not the same, as the Indonesian Administrative Regulations. To the GOI, "Dokumen Tender" is the Terms of Reference and the Invitation Letter to submit Proposals.

To alleviate the situation, we would like to suggest the following :

1. The Terms of Reference and the Invitation to Submit Proposals shall be referred to as Bidding Documents.
2. The Administrative explanation of the consultant firm, the Technical Proposal and the Financial Cost Proposal shall be referred to as the Tender Documents.

The Terms of Reference and the Invitation to Submit Proposals for Higher Education Studies which you are now looking into to obtain the World Bank No Objection, are thus the Bidding Documents. Consequently Article 6 of the set of Bidding Documents should read :

1. A meeting will be held to clarify all matters related to this tender, which will be attended by all Consulting Agencies contained in the Short List. All Short List Consultants will be sent an invitation, supplemented with the complete Bidding Document, to give them the opportunity of the objectives, scope, and nature of policy study to be conducted, before the clarification meeting is held.

Concerning Article 7, which relates to opening of Bids (or Tender Documents which we shall use in this tender process), we suggest the following changes :

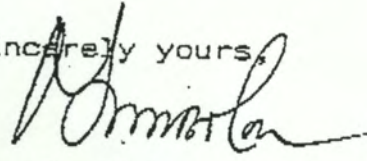
1. The Committee will open the Tender Box and count the number of submitted Tender Documents in front of the participating consultants on the same day, immediately following closing time for submission.
2. All envelopes containing the Tender Documents will be opened for inspection by all participating consultants. The names of the respective participants and titles of studies will be read out aloud and clearly, and this will be recorded. The sealed Proposed Financial Cost of the study will remain sealed, to be

F/022/3

I hope this short explanation will clarify our earlier misunderstanding, and we thank you kindly for your attention and suggestions.

We best regards, we remain.

Sincerely yours,



Dr. G. Simbolon

Project Director

- cc.: 1. Rosany Dean, RSI Jakarta
- 2. Ir. Rooskandar, RSI Jakarta

c.surat-12/std-2

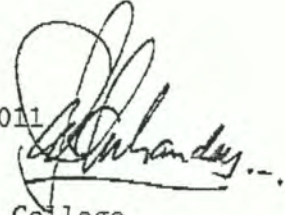
RM

F/023/1

The World Bank / RESIDENT STAFF IN INDONESIA - P.O. Box 324/JKT, Jakarta 12940 Indonesia
Phone: 5207316 • Fax: 5200438 • Cable: INTBAFRAD JAKARTA • Telex: IERD IA 62141

FACSIMILE TRANSMITTAL FORM

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No. of Page(s) : 5 pages
To : Mr. Man He You, EATPH, Room A 9029
Copy to : Mr. C. Gilpin, Chief, EA3PH, Room A-10011
From : W. Rooskandar, EA3OP
Subject : Loan 3311-IND: Appointment of Victoria College



Fax No: F/023

Dear Mr. Man He You,

Attached is Dr. Simbolon's letter dated January 3, 1992 faxed to RSI. He asked me to refax it to you for an earlier approval. I hope you are able to read all the small typed figures in the Annex.

Regards and wish you a Happy New Year,

W. Rooskandar

cc: M/M. Sabeti, Deen (EA3OP)

File: Loan 3311-IND
WRooskandar/sw



DIKEMHUKUM
DIREKTORAT JENDERAL PENDIDIKAN TINGGI, DEPARTEMEN PENDIDIKAN DAN KEBUDAYAAN
PROYEK PENGEMBANGAN PERGURUAN TINGGI BANTUAN LUAR NEGERI (PBT-BLN)
IBRD LOAN: NO. 2944-IND DAN NO. 3311-IND
DEPDIBUD Gedung C, Lantai 13
Jl. Jenderal Sudirman, Senayan - Jakarta - INDONESIA
Telp. 584565, 5707243 - Tlx. Pos 3705 Jkt. 10002 Fax 584565

Ref.: NP: 1831 /0192/CPIU/FEL

January 03, 1992

Mr. Man He You
World Bank, Washington
Trough RSI Jakarta

2661 NOV 30 1991

To Mr. Man He You (A/C),
by Fax, for Bank approval.

J. Jan. 7, 92

Dear Dr. Man He You,

Thank you for your fax letter dated December 30, 1991. Regarding our cooperation with Victoria College, please find the answer of your questions as follows:

1. Only 18 out of 60 to be financed by IBRD Loan 3311-IND as we requested your approval. The remaining target, BGHE will finance through another sources.
2. You are right, that 18 students to be sent are the first batch of the 60 students. Originally the first batch would be 20 students, but the result of selection only 18 students successfully.
3. Based on negotiation we have conducted, the amount of contract for services of 18 student is A \$ 597.614. The break down is attached.
4. As usual, all students we sent to abroad financed by World Bank Loan, receive medical insurance and accident insurance fee.

By this explanation, we hope that you could approve our appointing Victoria College to supervise 18 students as we requested.

Thank you for you kind attention and cooperation.

Yours sincerely

Dr. O. Simbolon

Project Director

- cc. 1. Mr. Rozany Deen, RSI Jakarta
2. Mr. Rooskandar, RSI Jakarta

F/023/3

Cost for 18 student
at Victoria College

Hasil Negosiasi		Remarks
II		III
I. In-Country preparation		
1. Selection		
Airfares, accomodation and incidental expenditure for two Victoria College Staff to carry out testing and selection interviews in three locations in Indonesia.		
Administration fee	= \$ 10.224 *)	Administration fees should be put under one line item and grouped under point VI collum II
	\$ 10.224	
N.B. This item has been prefianced by Victoria College in order to meet the Jan 82 start deadline.		
These activity will be funded by the project through self management, so that not necessary to put its in the contract		
II. Tuition and related costs		
Tuition costs 18 students @ \$ 11.900 (normal course fee for overseas students and additional tuition in simultansouse interpreting).	= \$ 214.200 *)	

P/023/4

Additional library purchases	=	No need, because there is book allowance as mentined of point IV.2
Materials development	= \$ 3.500 *	
Purchase of consumables and additional recording/playback equipment	= \$ 3.000 *	after the completion of program These recording returned to the Indonesia government
Sub-total tuition and related costs	= \$ 225.700	
IV. Payments and allowances		
1. Living allowance \$283/month x 12 mths	= \$ 199.728 *	Living allowance should be the same as NS IXI student (under IDP admin-
2. Book allowances \$53/month	= \$ 11.448 *	nistrated) receive.
3. Clothing allowance - \$348/student	= \$ 6.264 *	
4. Medical insurance and accident insurance - \$ 255/student/annuum (Basic Medicare cover - compulsory)	= \$ 4.500 *	
5. Airfares /Mel/Jkt - \$ 684/student	= \$ 15.912 *	Airfares Jakarta -Melbourne will be provided by Project this item is grouped under point VI column 2.
6. Establishment allowance \$400 x 18	= \$ 7.200	
Sub-total Payments and Allowances	= \$ 236.052	

F/023/5

V. Monitoring and Evaluation Visit (One UI Senior staff to visit Victoria College for 15 days)		
Airfare	= \$	1,800 *
Per diem	= \$	2,925
Sub-total Monitoring and Evaluation Visit		= \$ 4,725
<hr/>		
VI. Administration fee	= \$	30,913
		Consist of administration fee for in country preparation - research and planing - support structure and college general service fee
Grand total for 1992		= \$ 507,614

Note : *) at cost

F/022/1

The World Bank / RESIDENT STAFF IN INDONESIA - P.O. Box 324/JKT, Jakarta 12940 Indonesia
Phone: 5207316 • Fax: 5200438 • Cable: INTBAFRAD JAKARTA • Telex: IBRD IA 62141

Man He You

FACSIMILE TRANSMITTAL FORM

Date : January 6, 1992
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 To : Mr. Man He You, EATPH, Room A 9029
 Copy to : Mr. C. Gilpin, Chief, EA3PH, Room A-10011
 From : W. Rooskandar, EA3OP
 Subject : Loan 3311-IND Higher Education Studies

FAX No: F/022

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DATE RECEIVED	CONTROL No.
1/6	580-Ind
RESPONSE DATE:	
<input type="checkbox"/> CABLE <input type="checkbox"/> LETTER <input type="checkbox"/> MEMO	
COPIED TO: _____	

File: Loan 3311-IND
WRooskandar/sw



DIREKTORAT JENDERAL PENDIDIKAN TINGGI, DEPARTEMEN PENDIDIKAN DAN KEBUDAYAAN
PROYEK PENGEMBANGAN PERGURUAN TINGGI BANTUAN LUAR NEGERI (P3T-BLN)

IBRD LOAN : NO. 2944-IND DAN NO. 3311-IND

DEPDIKBUD Gedung C, Lantai 18

Jl. Jenderal Sudirman, Senayan - Jakarta - INDONESIA

Telp. 584565, 5707243 - Tromol Pos 3705 Jkt. 10002 Fax. 584565

F/022/2

02 JAN 1997

Dr. Man He You
World Bank
Washington DC
U S A

Re : Invitation to submit proposals for Higher
Education Studies, Loan No.: 3311-IND.

Dear Dr. Man He You

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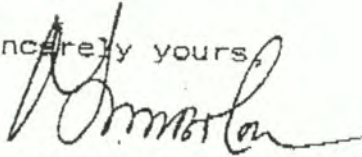
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F/022/3

I hope this short explanation will clarify our earlier misunderstanding, and we thank you kindly for your attention and suggestions.

We best regards, we remain.

Sincerely yours



Dr. G. Simbolon

Project Director

cc.: 1. Rosany Dean, RSI Jakarta
2. Ir. Rooskandar, RSI Jakarta

c.surat-12/std-2

F/023/1

The World Bank / RESIDENT STAFF IN INDONESIA - P.O. Box 324/JKT, Jakarta 12940 Indonesia
Phone: 5207316 • Fax: 5200438 • Cable: INTBAFFRAD JAKARTA • Telex: IBRD IA 62141

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 From : W. Rooskandar, EA3OP
 Subject : Loan 3311-IND: Appointment of Victoria College

W. Rooskandar

Fax No: F/023

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Regards and wish you a Happy New Year,

W. Rooskandar

DATE RECEIVED	CONTROL No.
<i>1/6</i>	<i>581-Ind</i>
RESPONSE DATE:	
<input type="checkbox"/> CABLE <input type="checkbox"/> LETTER <input type="checkbox"/> MEMO	
COPIED TO: _____	

cc: M/M. Sabeti, Deen (EA3OP)

File: Loan 3311-IND
W. Rooskandar/sw



F/023/2

Ref.: NEP 1831 /0192/OPIU/EEL

January 03, 1992

Mr. Man He You
World Bank, Washington
Through RSI Jakarta

2661 NOV 20 1991

To Mr. Man He You (HQ),
by Fax, for Bank approval.

[Signature]
Jan. 7, 92

Dear Dr. Man He You,

Thank you for your fax letter dated December 30, 1991. Regarding our cooperation with Victoria College, please find the answer of your questions as follows :

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3. Based on negotiation we have conducted, the amount of contract for services of 18 student is A \$ 507.614. The break down is attached.
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Yours sincerely

[Signature of Dr. O. Simbolon]

Dr. O. Simbolon
Project Director

- cc. 1. Mr. Bozany Deen, RSI Jakarta
2. Mr. Rooskandar, RSI Jakarta

Cost for 18 student
at Victoria College

Hasil Negosiasi		Remarks
II		III
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	= \$ 10,224 *)	Administration fees should be put under one line item and grouped under point VI collem II
Administration fee	----- \$ 10,224	
N.B. This item has been prefinanced by Victoria College in order to meet the Jan 82 start deadline.		
These activity will be funded by the project through self manage- ment, so that not necessary to put its in the contract		
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Tuition costs 18 students @ \$ 11,600 = \$ 214,200 *) (normal course fee for overseas students and additional tuition in simultaneous interpreting).		

Additional library purchases	=		No need, because there is book allowance as mentined of point IV.2
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Sub-total Tuition and related costs	= \$	225,700	
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1. Living allowance \$883/month x 12 mths	= \$	190,728 *	Living allowance should be the same as SB IKI student (under IDP admin-istrated) receive.
2. Book allowances \$63/month	= \$	11,448 *	
3. Clothing allowance - \$349/student	= \$	6,284 *	
4. Medical insurance and accident insurance - \$ 259/student/annuus (Basic Medicare cover - compulsory)	= \$	4,500 *	
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6. Establishment allowance \$400 x 18	= \$	7,200	
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1/02/75

V. Monitoring and Evaluation Visit (One UI Senior staff to visit Victoria College for 15 days)		
airfare	= \$ 1,800 *	
Per diem	= \$ 2,925	
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VI. Administration fee		Consist of administration fee for in country preparation -research and planing -support structure and college general service fee
Grand total for 1992	= \$ 507,614	

Note: *; at cost