

ORIGINAL DIRECT

Y. Wade

Cleared: Mr. Zelleke

RECORDS CONTROL

Mr. S. Vassiliou, Assistant Director-in-Charge
Development Planning Advisory Services

25 April 1975

TE 210 (2) IBRD

Igor Radovic, Officer-in-Charge
Africa Branch, OTC

KENYA: National Sugar Industry, Survey, Stage I
(KEN/74/031)

Attached please find copy of a project summary from the
Government of Kenya for assistance to the above-mentioned
project.

I should be grateful to receive your comments on the
proposed project to provide the basis of the appraisal which
we must send to the Resident Representative.

ORIGINAL DIRECT

RECORDS CONTROL

MAY 1 1975

Y. Wade
Cleared: Mr. Zelleke

TE 210 (2) IBRD

VIA POUCH

25 April 1975

Dear Mr. Jeffrey-Coker,

Please find attached, for your review, six copies of the project summary from the Government of Kenya concerning UNDP assistance to the National Sugar Industry Survey, Stage I! (KEN/74/031).

We would appreciate receiving your comments on the proposed project to provide the basis of the appraisal which we must send to the Resident Representative.

Yours sincerely,



Igor Radovic
Officer-in-Charge
Africa Branch
Office of Technical Co-operation

Mr. J.B. Jeffrey-Coker
Chief, Technical Assistance and
Programme Co-ordination Office
Economic Commission for Africa
P.O. Box 3001
Addis Ababa, Ethiopia

ORIGINAL DIRECT

H.W. bell/ddv

cc: Mr. Kandaswamy



TE 322/1 AFB REGIONAL

17 April 1975

TE 210(2) FBRD

VIA POUCH

Dear Mr. van der Most,

ROK/71/540 and ROK/75/009 - Port Consultant

Project ROK/71/540 is now finalizing investment proposals for the development of the Gwangju Region and is scheduled to complete technical work by 1 June. Two of the important cities of the region - Yeosu and Mogpo - have substantial port activities which have not been evaluated as part of our project, due to lack of technical resources, even though IBRD is funding port improvements at Yeosu and may be asked to provide additional funds for subsequent developments.

Project ROK/75/009 for the planning of the Taebag Region is now being formulated, with the principal objective of developing the natural resources of the region and providing the necessary infrastructure investments to support this development. There are several ports in this region, including Mdgcho which IBRD has identified as the third-priority port in the country, and it can be expected that port transportation aspects will be an important element of the regional studies.

In order to evaluate the needs in Gwangju and to assist with preliminary work in Taebag, it would be desirable to have an input from a port consultant in the near future, and we understand that ESCAP has an expert available who could possibly be programmed for a visit to Korea as part of his regional travel. We would, accordingly, request that you approach the appropriate Division in ESCAP with a request for support to our projects in Korea by the port specialist who should, desirably, visit Korea at the same time as our next mission. If ESCAP could indicate his available dates, we could suggest suitable arrangements for his visit.

Terms of reference would be forwarded when required.

Yours sincerely,

Wilhelm Iversen
Acting Chief

Physical Resources Section
Asia and the Middle East Branch
Office of Technical Co-operation

Mr. J.M. van der Most
Chief, Technical Assistance Unit
ESCAP
Bangkok, Thailand

P4E 24/4/75

ENCLOSURE ATTACHED



UNITED NATIONS
DEVELOPMENT PROGRAMME
NAIROBI, KENYA

ELECTRICITY HOUSE
Harambee Avenue

Reference: K5-3-27

OFFICIAL CORRESPONDENCE

MUST BE RETURNED TO
RECORDS CONTROL, ROOM 2874

CONTROL NO.

4-573

Cables: UNDEVPRO, NAIROBI
Post Office Box 30218
Telephone 28778

17 April 1975

TE 210 (2) IBRI

Dear Mr. Watts,

Kenya Sugar Industry Survey, Stage I
(KEN/74/031)

Our Country Programme includes a national survey of the sugar industry which we are now preparing for implementation in the near future.

... Please find attached a summary of the proposal which is at present under review.

I should be grateful for any comments you might wish to make on the proposed project.

Yours sincerely,


K.H. Englund
Resident Representative

Mr. Kenneth Watts
Deputy Director
Africa Branch
OTC
UN, New York

Mr. Wade
f 24/4

UNITED NATIONS DEVELOPMENT PROGRAMME

Project Summary, Government of *

KENYA

Title: National Sugar Industry Survey, Stage I

No: KEN/74/031/A/01/42 Date of Submission: January 1975

Sector: Agriculture Proposed Duration: 6 months

Government Co-operating Starting Date: May 1975
Agency: Ministry of Finance and
Planning and Ministry of
Agriculture

Executing
Agency: International Bank for
Reconstruction and Development

Government Contribution: K.Shs. 50,250

UNDP Contribution: US\$. 152,000

I. Background

Sugar consumption in Kenya is increasing at a fast rate (from 142,000 T in 1969 to an estimated 240,000 T in 1974), and the gap between consumption and production is widening, requiring ever greater imports of sugar into the country. To minimize and ultimately stop this drain on Kenya's foreign exchange balance increased development of sugar planting and processing now merits a very high priority in national economic planning.

II. The Project

The project is described in Section IIC, paragraph 60, of the proposed Country Programme for Kenya, 1975-1977. It will represent the first step in the drawing up of a development programme for sugar production, which will enable Kenya to meet its internal demand for sugar and sugar by-products at the least cost to its economy.

The Survey, which is to be carried out in two stages, will have for overall objectives:

- a) an assessment of the technical and economic viability of the existing sugar industry in Kenya and the extent to which local production can economically meet the country's sugar requirements;
- b) identification of existing sugar production and processing complexes which could make a significant increased contribution to the country's requirements by immediate rehabilitation or expansion; and

* PLEASE NOTE THAT THIS DOCUMENT IS A SUMMARY OF THE PROJECT AS SUBMITTED AND DOES NOT REPRESENT THE VIEWS OF THE UNDP ON ITS MERITS

- c) preparation of specific investment proposals for rehabilitation and/or expansion of existing sugar complexes as identified under (b) above.

the Stage I Survey, which is the present project, shall be carried out in two parts:

- Part I - will provide :
- a) an assessment of Kenya's existing industry;
 - b) a determination of the country's future sugar requirements; and
 - c) preparation of a development programme for sugar production, including a preliminary reconnaissance of potential new sugar production sites to provide the basis for a Stage II Survey.

Part II - will supply specific investment proposals for the rehabilitation and/or extension of sugar production and processing facilities in sufficient detail for submission for financing by Development Agencies.

Detailed investment proposals shall be prepared for the rehabilitation and/or extension of existing sugar producing facilities. The proposals shall be in the form of project feasibility studies suitable for submission for financing by an international lending agency.

Duration of the Survey, including completion of reports, is estimated to be 5 months.

III. Financial Data

A. Project Budget Covering Government Contribution in Kind (in Kenya shillings)

Country: Kenya
Project No: KEN/74/031/A/01/42
Title: National Sugar Industry Survey, Stage I

	m/m	<u>Total</u> K.Shs.	m/m	<u>1975</u> K.Shs.
10. <u>Project Personnel Component</u>				
Agricultural Economists (2)	10	25,000	10	25,000
Administrative Support (1 secretary and 1 typist)		12,500		12,500
19. Component Total		37,500		37,500
40. <u>Equipment Component</u>				
Premises (office space and equipment)		4,500		4,500
49. Component Total		4,500		4,500
50. <u>Miscellaneous Component</u>				
Operations and Maintenance		750		750
Sundry		7,500		7,500
59. Component Total		8,250		8,250
99. GRANT TOTAL:		50,250		50,250

B. Project Budget Covering UNDP Contribution (US Dollars)

	<u>Total</u>	<u>1975</u>
20. <u>Sub-contract Component:</u>		
Sub-contract	185,000	185,000
29. Component Total:	185,000	185,000

ORIGINAL DIRECT

BH/pb

cc: Mr. Basu
Mr. Jansson

15 April 1975

Dear Mr. Strombom

re: Lahore Transportation Study.

TE 210(2)IBRD

You will have no doubt received our letter referring to the Lahore urban planning and project identification study. As we said in that letter, your draft document, covering nearly 200 man-months of expert input, appears reasonable, as we presume that it is intended to produce a fully justified loan application leading to the implementation of major urban expansion and improvement works. We have now had the opportunity to study your draft proposal for the Lahore Transportation Study and we have the following comments for your consideration.

The transportation study covers an evaluation of the Lahore bus system and the preparation of a traffic improvement programme which "shall not require major investments" and will be aimed principally at supporting the proposed bus system. For this purpose, an input of 152 man-months of expert time has been listed. We understand that some of the expert inputs could be provided by counterparts, but our own experience suggests that this is not likely to constitute much of a contribution.

First, will it be appropriate to divorce the traffic improvement study from the general urban planning study which will be proceeding concurrently? We note the requirement that the two studies be closely coordinated, but this recognition of the symbiotic relationship between the two exercises would have led us to combining them. For one thing, it may result in some reduction of the expert requirements.

This brings us to my second point which is the total scale of the proposed exercise. At current rates, the study is going to cost well over \$1 million, for a relatively simple element of a comparatively small city's infrastructure. Can we not approach this problem in

Mr. D. A. Strombom
Chief, Urban Division I
Transportation and Urban Projects Department
International Bank for Reconstruction
and Development
1818 H Street, N.W.
Washington, D. C. 20433

stages, with fairly modest commitments up to certain threshold points and a step-by-step consideration of the path to be followed beyond each. Such a programme would have the advantage of allowing the counterparts time to digest the study findings in small doses and to respond to them before entering on the next phase. Thus, the end-result will be better understood and will be more easily accepted than a single massive and complicated set of recommendations at the end, whose technical underpinnings will, almost certainly, never be fully comprehended by the decision-makers.

We understand that the Government has authorized the Bank to look into the Karachi transportation system, where the Karachi project has already recommended a five-year programme based on the purchase of 3,500 buses. At, say, \$30,000 per bus, this constitutes an investment of about \$105 million, even leaving aside administrative improvements and supplementary engineering works. We hope that the Bank will not adopt the same procedure as proposed for Lahore as this would imply an enormous feasibility study expenditure and a long delay in implementing an investment which is required urgently. We hope we shall have the opportunity of discussing the Karachi question with you in detail, before it reaches the draft Terms of Reference stage.

Yours sincerely,

V. Kandaswamy
Chief
Technical Co-operation Section
(Asia, Europe and the Middle East)
Centre for Housing, Building and Planning



INTERNATIONAL BANK FOR RECONSTRUCTION AND DEVELOPMENT

Cable Address - INTBAFRAD

INTERNATIONAL DEVELOPMENT ASSOCIATION

Cable Address - INDEVAS

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

Area Code 202 • Telephone - EXecutive 3-6360



April 14, 1975

OFFICIAL CORRESPONDENCE	CONTROL NO.
MUST BE RETURNED TO RECORDS CONTROL, ROOM 2874	u-543

RECEIVED IN RECORDS CONTROL	
22 APR 1975	
ACTION TO:	
1	MR. E. FANO
2	
3	
✓	PUT AWAY
EF	
FORWARDED	
BY MONTH YEAR	

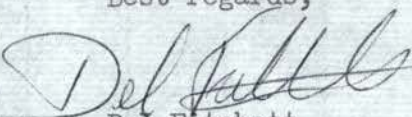
Mr. Enzo Fano, Chief
Development Programmes
Water Resources Branch
Center for Natural Resources,
Energy and Transport
United Nations
New York 10017

TE 210(2) IBRD

Dear Mr. Fano:

We are grateful for your letter of April 7, 1975 and the United Nations publications you have sent us. Our Unit's activities in the water resources area in the Latin American and Caribbean Projects Department are closely related to the increasingly complex projects and policies in this sector. We would appreciate maintaining contact with you on the preparations for the forthcoming United Nations Water Conference in Buenos Aires. If you happen to be visiting Washington in the future, it would be good to meet with you.

Best regards,


Del Fitchett
Regional Survey Unit
Latin America & the Caribbean Projects Department

ORIGINAL DIRECT

RECORDS CONTROL
APR 1 1975

BH/pb cc: Mr. K.-K. Tsien, room
A-3110

Mr. R. Basu, Chief,
Physical Resources Section, AME/OTC

8 April 1975

V. Kandaswamy, Chief,
Technical Co-operation Section (Asia, Europe and the Middle East) CHBP

(E 210(2)IBRI)

Ref. E C132/228 PAKI(12)

Pakistan Projects.

1. Please refer to our memorandum of 14 January in which we requested you to arrange a meeting with UNDP, to discuss the investment follow-up aspects of the PAK/65/540 project. We have heard nothing from you on this and would appreciate some action, as the project is due to close at the end of this year and the remaining time will already be insufficient to carry out the work we have in mind. There are, furthermore, questions to be raised on additional support to the Metroville programme, required by IBRD before any financial assistance could be offered to the Government. These issues call for an early meeting.
2. We would, also, like to have the opportunity of discussing the events related to the PAK/74/039 project. This project was generated by the work of our PAK/65/540 project and, in fact, should have been treated as a detailed component of the PAK/65/540 implementation programme. We had, for some time, been discussing UNICEF involvement in our Karachi operation, and, in August 1974, Mr. Ergun visited Karachi to see what specific action might be taken in this regard. The Lyari improvement area was identified as an obvious possibility (UNICEF was, at that time, considering Chanesar Goth as a possibility) and offered to have our PAK/65/540 expert, Mr. Havlik, carry out some preliminary work on the proposal. This was discussed with Mr. Jansson who agreed that Mr. Havlik's contract should be extended for this purpose and that UNDP assistance to the Lyari project would be expedited by him, if a proposal were prepared.
3. In September 1974, we drafted a Prodoc for a small-scale project (on Mr. Jansson's advice that this would speed up approval), and this was forwarded to Mr. Jansson for his clearance. At the same time, we instructed Mr. Havlik to follow up on the details of the project in Karachi, and he carried on discussions with the counterpart agency up to the time of his return to his home country on leave. Since there was no response from UNDP Islamabad, we cabled on 17 October 1974 for information on the progress of the project, and Mr. Jansson's replied that he would advise us "soonest" of the outcome of discussions with the counterparts.

4. However, our next news of the project came with a personal visit to the Centre in January 1975, by Messrs. Strombom and Engelmann of IBRD who informed us that Mr. Jansson had requested IBRD to take over the project as executing agency, because of CHBP's poor response to UNDP's requirements. We would like to point out that the poor response throughout has been Mr. Jansson's and that we have been waiting some word from him for the past six months. In that time, we have been maintaining contact with UNICEF and identifying possible expert staff, on the assumption that Mr. Jansson was following up the formalities in Pakistan. Furthermore, we have assigned Mr. Havlik to Karachi until the end of 1975, to work on this project, only to be told now that he is not required.

5. We are not particularly concerned that IBRD is executing the project rather than CHBP. What we are concerned about is that we have wasted a great deal of time and made commitments on the assurance of the Resrep who has not even had the courtesy to inform us of his change of plans for five months. We have only limited staff available for these exercises and we have many areas where efforts can be used more productively. Clearly, some better system of communication is called for than has existed in the past between New York and Islamabad.

UNITED NATIONS
DEVELOPMENT PROGRAMME



Registry
PROGRAMME DES NATIONS UNIES
POUR LE DEVELOPPEMENT

866 UNITED NATIONS PLAZA
NEW YORK, N.Y. 10017

INTEROFFICE MEMORANDUM

RECORDS CONTROL
FEB 25 1975

TO: Mr. Robert J. Crooks, Director
Office of Technical Co-operation

FROM: *Rajendra Coomaraswamy*
Rajendra Coomaraswamy, Director
Regional Bureau for Asia and Pacific

Date: 10 February 1975

FILE NO.: PHI/74/018

SENDER'S TELEPHONE EXTENSION: 2917

SUBJECT: Assistance in Regional Planning - PHI/74/018

TE210(2) TBRD

We refer to Mr. Gleboff's cable of 30 January 1975 to Mr. Bergstrom with a copy endorsed to us. Following the exchange of cables between UNOTC and the Resident Representative in November 1974, the project went through appraisal and it was approved towards the end of November subject to certain changes proposed by the World Bank who also agreed to execute the project as desired by the Government. We understand that a World Bank representative is presently in Manila finalizing the project document for signatures.

We appreciate your keen interest in the project but apparently the change in the executing agency from UNOTC to World Bank has been made as desired by the Government.

Baldor

OFFICE OF TECHNICAL CO-OPERATION
Human Resources Section
Asia and Mid/East Branch

13 FEB 1975



17/2/75

*cc Mr Vasiliou
Mr Kanda
Mr Gold
wf 14 Feb 75*

ORIGINAL DIRECT

RECORDS CONTROL

(in draft) JAN 2
Drafted: E. Wurfl/ik
Cleared: H. Herman
Cleared: C.F. Korn

Mr. Gabriel Valdes S., Assistant Administrator
and Director
Regional Bureau for Latin America
United Nations Development Programme

15 January 1975

TE 210 (2) IBRD

R. Joe Crooks, Director
Office of Technical Co-operation

BRAZIL - BRA/74/OL2/A/OL/12 - Research on the
Interrelationships between Costs of Highway Construction
Maintenance and Utilization

1. We are in general agreement of the ample objectives of the above-mentioned project to develop interrelationship between construction, maintenance and road users costs and to minimize ~~the~~ total cost of the highway transportation system in Brazil.
2. The Brazilian highway system has an exceptional importance for the country's economy. All the development, since the second world war, through the process of substitution of imports and strengthening of exchanges among the different regions within the nation, was based on the quick expansion of the highway system, that holds presently the large majority of the transportation there.
3. This rapid and somewhat disordered expansion of the highway system in Brazil, although having met the needs of economic development, caused much losses in costs of construction and maintenance, due to the lack of rationality in planning and projecting the fast growing network.
4. Although in the last period many improvements in planning have been achieved in this area in Brazil, there remain many problems unsolved, as, for instance, the non-existence of Delta-L factors adapted to the local conditions, that prejudices the feasibility studies.
5. The proposed project, as conceived, would provide very useful information for the improvement of planning and projects of highways in Brazil, an essential need for the country, considering its particular conditions.
6. We, therefore, fully support the proposal.

cc. Mr. Bueno
Mr. Applewhite
Resident Representative

2-1-759

ORIGINAL DIRECT

RECORDS CONTROL
JAN - 1975

RWH/gm

Mrs. Carmen F. Korn, Acting Deputy Director
ELAIRPB, OTC

30 December 1974

TE 210 (2) IERD

Mr. C. Christopher, Officer-in-Charge
Transport and Cartography Branch, CNRET

H.K. Sang, Officer-in-Charge
Transport Section

BRAZIL: Project BRA-74/012

1. We acknowledge receipt of the Project Document for BRA-74/012 under the cover of your memorandum dated 21 November 1974.
2. As you are aware we have no operational activities in the transport sector in Brazil. Our information in regard to the needs in this sector or to the means to carry out a given project is not sufficient to comment on BRA-74/012 in a meaningful manner. We are confident, however, that BRA-74/012 was formulated by competent IERD staff and that UNDP may safely proceed with assistance as requested.

J. Weidlund/ms

ORIGINAL DIRECT

cc. Mr. Blacque-Belair

Mr. Simos Vassiliou, Assistant Director-in-Charge
Development Planning Advisory Services

31 December 1974

TE 322/1
Lesotho

JAN 3 1975

18 210 (2) IBERD

Jane Weidlund, Chief
Human Resources Projects Section, Africa Branch, OTC

Transfer of request from OTC to IBERD; Lesotho. Economic Planner

.....
1. Attached please find a photo-copy of a letter dated 27 December 1974 from UNDP (Mr. Saunders) to the IBERD indicating that the Government of Lesotho's request for an Economic Planner, originally thought to be requested of OTC, is now to be provided by the IBERD.

2. This office has no record of having received the draft project document LES/74/064 which is the subject of Mr. Saunder's letter. It seems likely to me that 74/064 may be the "new project to utilize services Gunnar Boe as Senior Financial Adviser Ministry Finance" referred to in the Resident Representative's cable LES 168 of 4 September, but I believe the matter will have to be clarified with the Resident Representative. In writing him, however I would wish to incorporate any comments that you may wish to make.

ORIGINAL DIRECT

Drafted: E. Wurfl/lk
Cleared: H. Herman

Mr. Simos Vassiliou, Assistant Director-in-charge
Development Planning Advisory Services, CDPFP

17 December 1974

TE 210 (2) IBRD

Carmen F. Korn, Acting Deputy Director
Europe, Latin America and Interregional Projects Branch
Office of Technical Co-operation

BRAZIL - Research on the Interrelationships between Costs
of Highway Construction, Maintenance and Utilization -
BRA/74/012/A/01/42

-
1. Please find attached copy of the project summary for the above-mentioned request.
 2. The total UNDP contribution would amount to US\$ 1,975,000, and the Executing Agency would be the International Bank for Reconstruction and Development (IBRD).
 3. We will appreciate your comments on this matter by 27 December 1974.

UNITED NATIONS DEVELOPMENT PROGRAMME

Project Summary, * Government of

BRAZIL

Project Title: Research on the Interrelationships between Costs of Highway Construction, Maintenance and Utilization

Number: BRA/74/012/A/01/42

Date of Submission:

Sector: Transport and Communications

Sub-sector: Transport by Land

Proposed starting date for full operations: 1 November 1974

Proposed duration: 3 years and 8 months

Proposed Government Co-operating Agency:
Ministry of Transport through Empresa
Brasileira de Planejamento de Transportes
(GEIPOT)

Amount requested from the UNDP: US\$1,975.000

Proposed Government Counterpart Contribution:

in cash: _____
(local currency)

in kind: @\$40.054.636
(local currency)

Total US: 5,847.300

* PLEASE NOTE THAT THIS DOCUMENT IS A SUMMARY OF THE PROJECT AS SUBMITTED AND DOES NOT REPRESENT THE VIEWS OF THE UNDP ON ITS MERITS.

I. BACKGROUND AND SUPPORTING INFORMATION

In recent years state and Federal Government expenditures for road construction and maintenance in Brazil, have reached the amount of approximately US\$2.0 billion per year. Major investment decisions involving maintenance and upgrading of the road transport network (of which 85%, i.e., more than 1 million km are non-paved roads) are being made and will have to be made in future years. Sound, empirically proved information on the engineering-economic relationships necessary for these decisions is virtually non-existent. Empirical research involving field collection of preliminary data in the most important engineering relationships is essential including:

- (a) the relationship of vehicle speed and operation costs to road surface type, surface condition, road geometrics, and traffic volumes;
- (b) the relationship of road deterioration to pavement design, materials, climate, traffic and maintenance standards.

Factors such as country size, extension of its road network, high amounts of investment, need to develop own capability in all aspects of highways in their relation to other economic areas, indicate that a study of the relationship among road user costs, road maintenance policies, and road construction standards is not only necessary but will also provide an excellent opportunity to foster the development of applied road research in Brazil.

II. THE PROJECT

The long range objective of this project is to assist the Government in minimizing the total cost of the highway transportation system.

Its main immediate objectives are to develop the interrelationship between construction, maintenance, and road users costs. The individual relationships may be used in road analysis or they may be combined into a mathematical model. Based on such a model, it will be possible to indicate solutions that will lead to the minimum for the sum of these three components, i.e., the minimum total road transport cost.

These objectives will be reached by accomplishing the following activities:

- i - test measurements of speed, fuel consumption and speed/flow relationship;
- ii - survey of the vehicle operating costs;
- iii - study of road deterioration;
- iv - adaptation and testing of mathematical model.

III. FINANCIAL DATA

A. Contribution Requested from UNDP

<u>Experts</u>	<u>m/m</u>	<u>US\$</u>	
Technical Director	44	110,000	
Short-term Consultants	34	<u>85,000</u>	195,000
		<u>195,000</u>	
<u>Sub-contracts</u>			
Highway Engineering		525,000	
Vehicle Maintenance & Operating Costing		350,000	
Instrumentation Engineering		150,000	
Systems Analysis and Statistics		<u>250,000</u>	
		<u>1,275,000</u>	1,275,000
<u>Equipment</u>			
Expendable Equipment		75,000	
Non-Expendable Equipment		<u>275,000</u>	
		<u>350,000</u>	350,000
<u>Miscellaneous</u>			
Maintenance of Equipment		60,000	
Reporting Costs		5,000	
Sundry		30,000	
Direct Costs		<u>60,000</u>	
		<u>145,000</u>	<u>145,000</u>
			<u>1,975,000</u>

Most of the project will be carried out under sub-contract to specialized firms to be selected by the Executing and Participating Agency.

B. Proposed Government Counterpart Contribution

	<u>£\$</u>	
<u>Project Personnel</u>	32.789,636	32.798.636
<u>Equipment</u>		
i - Expendable	385.000	
ii - Non-Expendable	<u>1.897.500</u>	2.282.500
<u>Miscellaneous</u>		
Operation and Maintenance of Equipment	2.182.500	
Independent Road User Company	500.000	
Air Transport Expenses (Govt. Personnel)	800.000	
Other items and contingencies	<u>1.500.000</u>	<u>4.982.500</u>
		<u>40.054.636</u>

BOOK OF 2

CO-OPERATION

Section
Branch

XN34 UNDP MANILA 76 22 0825G

LT

UNATIONS

NEWYORK

22 NOV 1974

Asia and Mid/East Branch

INCOMING

ASIA

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UNDEVPRO

NEWYORK

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FROM
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TE 210(2) FBAD

1974 NOV 22 11:08:02

UNITED NATIONS
CABLE 01

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REGIONAL PLANNING YOUR 624. AAA WOULD STRONGLY URGE PRODOC BE
APPROVED SOONEST AS SUBMITTED. SHOULD GOVERNMENT DECIDE TO
SUBCONTRACT EXPERT COMPONENT ADDITIONAL FUNDS REQUIRED CAN
PROVIDE MEANS PROREV BBB STARTING DATE SHOULD REMAIN JANUARY
1975=

P2=26

ENABLING US ORDER EQUIPMENT AND VEHICLES PRIOR ARRIVAL EXPERTS
CCC PHI/72/012 MINDANAO BEING TERMINATED. PLEASE SEE MYCAB 348
OF 25 SEPTEMBER TO VANDERHEIDE

BERGSTROM+

COL 419 440 PHI/74/018 624 1975 PHI/72/012 348 25 +

cc Mr Vannichon
- urgent
Mr Hansen
Kanda
w/

22/11

ORIGINAL DIRECT

Seen: H. Herman *HW*

Cleared:

Mr. Vladimir Baum, Director
Centre for Natural Resources, Energy and Transport

21 November 1974

TE 210 (2) IBRD

Carmen F. Korn, Acting Deputy Director
Europe, Latin America and Interregional Projects Branch
Office of Technical Co-operation

BRAZIL - Research on the Interrelationships between Costs
of Highway Construction, Maintenance and Utilization
BRA/74/012/A/01/42

.....

Please find attached five copies of the project summary
for the above-mentioned request.

The total UNDP contribution would amount to US\$1,975,000,
and the Executing Agency would be the International Bank for
Reconstruction and Development (IBRD).

We will appreciate your comments on this matter by 29 November
1974.



EDIFÍCIO VENÂNCIO II - 3.º ANDAR
BRASÍLIA, D. F. - BRASIL
C. P. - 07-0285 - TELEX: 041-353
TELEG.: "UNDEVPRO BRASILIA"
TEL.: 24-6070

RECEIVED
UNDP MAIL UNIT 27
AUG 7 1974
☐ ACTION ☐ INFORMATION
TO URS KARASEK
MR. APPLEWHITE
☐ Action Completed ☐ Acknowledged
☐ No Action Req'd. INITIALS

AVENIDA RUI BARBOSA, 910 - 2.º ANDAR
C. P. 743 - ZC - 00
RIO DE JANEIRO, BRASIL

REF. 2195
FILE: BRA/74/012

Brasilia, 23 July 1974

BRA/74/012

Dear Mr. Valdés,

I am enclosing herewith two copies of the draft project document for BRA/74/012 - Research on the Inter-Relationship Between Costs of Highway Construction, Maintenance and Utilization, which has been prepared by GEIPOT (Grupo Executivo de Integração de Política de Transportes) with the assistance of this office. I am also enclosing my appraisal with the request that the UNDP Headquarters may give approval in principle in accordance with circular UNDP (OFM) IV - Supplementary of March 1974. I expect that the Government of Brazil will present this request formally in the near future.

I have discussed this project with Mr. Robert Skillings, Chief of Country Programmes Division for Latin America and Caribbean Regional Office, in the International Bank for Reconstruction and Development. He has informed me that the Bank will be willing to execute this project. I am therefore sending him a copy of this draft project document for advance information.

Yours sincerely,

Dr. L.M. Ramirez-Boettner
Resident Representative

Mr. Gabriel Valdés
Assistant Administrator and Director
Regional Bureau for Latin America
United Nations Development Programme
New York

APPRAISAL

BRA/74/012 - RESEARCH ON THE INTER-RELATIONSHIP BETWEEN COSTS OF HIGHWAY CONSTRUCTION, MAINTENANCE AND UTILIZATION

1. The enormous size of Brazil has called for the development of a vast road network. This effort has been intensified in recent years in order to open-up vast areas for the purpose of economic and social development and national integration. The expenditure on construction and maintenance of the roads has already reached an amount of approximately US\$ 2.0 billion per year. Major part of this network constitutes rural highways. Investment decisions on expansion, maintenance and up-grading of these roads requires empirical research and compilation of data which will be used for proper planning.
2. Brazil has launched a major export drive which is the key-stone for the success of its efforts to develop national economy rapidly. Road transportation plays a crucial role in this effort by bringing the products to the ports for export. Consequently, the Government attaches high priority to the establishment of "export corridors" a network of roads to facilitate the movement of products safely and speedily.
3. The long range objective of the project is to assist the Government in minimizing the total cost of the highway transportation system.
4. The main immediate objective is to develop a mathematical model concerning the inter-relationship between the three components affecting road transport costs: construction, maintenance and road user cost with a view to minimize the transport costs.
5. Various studies and surveys such as Highway Engineering, Vehicle Maintenance and Operating Cost, Instrumentation Engineering, System Analysis will be undertaken. These activities are proposed to be sub-contracted for which an amount of US\$ 1,275,000 (IPF period - US\$ 687,500) for a four year period is requested.
6. The Executing Agency will provide the Project Manager (Technical Director) and short term consultants at a cost of US\$ 195,000 (IPF period US\$ 117,000).

7. In line with the general directives of the Government of Brazil, the equipment component has been kept to an absolute minimum i.e. US\$ 350,000 which will be expanded in the IPF period. An amount of US\$ 60,000 (IPF period US\$ 40,000) is requested for maintenance of equipment because of the nature of the project which will require first-class maintenance otherwise the project activities will suffer.

8. No fellowships are planned. However, the sub-contractors are expected to train the Counterparts.

9. Small amounts are requested for reporting cost (US\$ 5,000); sundry (US\$ 30,000) and UNDP Direct Cost (US\$ 60,000). Only US\$ 50,000 will be required in the IPF period.

10. The Government Counterpart contribution, as follows, in all respects is very large:

Personnel (G\$ 32,789,636); Equipment (G\$ 2,282,500); Miscellaneous (G\$ 4,982,500). No problem is foreseen in this respect in view of the high priority given to the project by the Government.

11. The State of Minas Gerais has been selected for the purpose of this research programme because of its size, representative nature and variety of roads, topography, weather conditions and traffic flow. The basic infrastructure in the state will support the research programme. It is expected that the results could be utilized for most of Brazilian conditions with the exception of Amazonia.

12. Institutional Framework: GEIPOT (Grupo Executivo de Integração da Política de Transportes) was created in 1965 as an entity in charge of coordination and support for the elaboration of BRA/67/529 Transport Survey for Brazil which was executed by the IBRD. In 1973 GEIPOT became a public enterprise linked to the Ministry of Transport. It will be the national counterpart agency of the project with Headquarters in Brasilia. Its staff, premises and facilities are adequate for execution of the project. Provision is made for a Steering Committee which will meet regularly and facilitate the project operation.

13. The draft project document has been prepared by the GEIPOT, following consultation with the IBRD, and with the assistance of this office. It has active support of the Secretariat General of Planning and General Coordination, particularly SUBIN, and is being presented to the Ministry of Foreign Affairs for endorsement. We have also discussed the proposal with the IBRD who are interested in executing this project.

14. No duplication or over-lapping with other external assistance or national efforts is foreseen. No further assistance from the UNDP is planned.

15. The Project is not included in the Brazil Country Programme for 1972-76. However, it conforms to the priorities established by the Government. It is also identified in the Basic Plan for Scientific and Technologic Development, 1973/74, (PBDCT), page 39. The Project will carry over into the next IPF period.

16. The Government and this office are proposing IBRD as the executing agency in view of their experience in the transport sector in Brazil and their capacity to deliver international inputs on time and with efficiency.

17. The draft project document is being submitted for "approval in principle" under the new procedures established by the UNDP. The project document is expected to be received officially from the Ministry of Foreign Affairs in the near future.

UNITED NATIONS DEVELOPMENT PROGRAMME

Project Summary, * Government of

BRAZIL

Project Title: Research on the Interrelationships between Costs of Highway Construction, Maintenance and Utilization

Number: BRA/74/012/A/01/42

Date of Submission:

Sector: Transport and Communications

Sub-sector: Transport by Land

Proposed starting date for full operations: 1 November 1974

Proposed duration: 3 years and 8 months

Proposed Government Co-operating Agency:
Ministry of Transport through Empresa
Brasileira de Planejamento de Transportes
(GEIPOP)

Amount requested from the UNDP: US\$1,975,000

Proposed Government Counterpart Contribution:

in cash: _____
(local currency)

in kind: C\$40,054,636
(local currency)

Total US: 5,847,300

* PLEASE NOTE THAT THIS DOCUMENT IS A SUMMARY OF THE PROJECT AS SUBMITTED AND DOES NOT REPRESENT THE VIEWS OF THE UNDP ON ITS MERITS.

I. BACKGROUND AND SUPPORTING INFORMATION

In recent years state and Federal Government expenditures for road construction and maintenance in Brazil, have reached the amount of approximately US\$2.0 billion per year. Major investment decisions involving maintenance and upgrading of the road transport network (of which 85%, i.e., more than 1 million km are non-paved roads) are being made and will have to be made in future years. Sound, empirically proved information on the engineering-economic relationships necessary for these decisions is virtually non-existent. Empirical research involving field collection of preliminary data in the most important engineering relationships is essential including:

- (a) the relationship of vehicle speed and operation costs to road surface type, surface condition, road geometrics, and traffic volumes;
- (b) the relationship of road deterioration to pavement design, materials, climate, traffic and maintenance standards.

Factors such as country size, extension of its road network, high amounts of investment, need to develop own capability in all aspects of highways in their relation to other economic areas, indicate that a study of the relationship among road user costs, road maintenance policies, and road construction standards is not only necessary but will also provide an excellent opportunity to foster the development of applied road research in Brazil.

II. THE PROJECT

The long range objective of this project is to assist the Government in minimizing the total cost of the highway transportation system.

Its main immediate objectives are to develop the interrelationship between construction, maintenance, and road users costs. The individual relationships may be used in road analysis or they may be combined into a mathematical model. Based on such a model, it will be possible to indicate solutions that will lead to the minimum for the sum of these three components, i.e., the minimum total road transport cost.

These objectives will be reached by accomplishing the following activities:

- i - test measurements of speed, fuel consumption and speed/flow relationship;
- ii - survey of the vehicle operating costs;
- iii - study of road deterioration;
- iv - adaptation and testing of mathematical model.

III. FINANCIAL DATA

A. Contribution Requested from UNDP

<u>Experts</u>	<u>m/m</u>	<u>US\$</u>	
Technical Director	44	110,000	
Short-term Consultants	34	85,000	195,000
		<u>195,000</u>	195,000
<u>Sub-contracts</u>			
Highway Engineering		525,000	
Vehicle Maintenance & Operating Costing		350,000	
Instrumentation Engineering		150,000	
Systems Analysis and Statistics		250,000	
		<u>1,275,000</u>	1,275,000
<u>Equipment</u>			
Expendable Equipment		75,000	
Non-Expendable Equipment		275,000	
		<u>350,000</u>	350,000
<u>Miscellaneous</u>			
Maintenance of Equipment		60,000	
Reporting Costs		5,000	
Sundry		30,000	
Direct Costs		60,000	
		<u>145,000</u>	145,000
			<u><u>1,975,000</u></u>

Most of the project will be carried out under sub-contract to specialized firms to be selected by the Executing and Participating Agency.

B. Proposed Government Counterpart Contribution

	<u>C\$</u>	
<u>Project Personnel</u>	32.789,636	32.798.636
<u>Equipment</u>		
i - Expendable	385.000	
ii - Non-Expendable	<u>1.897.500</u>	2.282.500
<u>Miscellaneous</u>		
Operation and Maintenance of Equipment	2.182.500	
Independent Road User Company	500.000	
Air Transport Expenses (Govt. Personnel)	800.000	
Other items and contingencies	<u>1.500.000</u>	4.982.500
		<u><u>40,054.636</u></u>

Regulatory

UNITED NATIONS



NATIONS UNIES

INTEROFFICE MEMORANDUM

MEMORANDUM INTERIEUR

*Mr. Shantha
Mr. Bartolo*

TO: Mr. N. Gleboff, Director
A: Asia and the Middle East Branch, OTC

DATE: 15 November 1974

THROUGH: Mr. Simos Vassiliou, Asst. Director-in-Charge
S/C DE: Development Planning Advisory Services, CDP

FROM: Robert J. Trusk, Senior Economic Affairs Officer
DE: Development Planning Advisory Services, CDP

REFERENCE: ~~TE 200(2) FORD~~

OFFICE OF TECHNICAL COOPERATION
Human Resources Section
Asia and Mid/East Branch

SUBJECT: PHI-74/018: Assistance in Regional Planning
OBJET:

*TE 200(2) FORD
19 NOV 1974*

We have examined the request for the above project and noted the comments of the Resident Representative in his covering letter of 18 October. We find the project request follows very closely the recommendations of the UNDP/UN mission of July. While we recommend approval of the project as presented, we would like to ask for clarification of the present and future status of the Mindanao project/which duplicates some of the substantive areas in the present project request. However, it is not necessary to delay the implementation of PHI/74/018 pending this clarification.

Bartolo

19/11/74

/PHI/72/012

??

✓

As for the timing of the project's implementation, we noted it is scheduled to begin 1 January 1975. Inasmuch as a minimum of four to six months is required to place experts in the field, we recommend the starting implementation date be changed to April, 1975 with the provision that experts will be provided earlier if available.

*✓ Six to eight
✓ July*

The work plan and budget in the project request is reasonable and we recommend no changes.

The job descriptions for the five full time posts described under UNDP Inputs are attached. We urge their immediate circulation so that we can make the submission of candidates in January, 1975. A copy of these job descriptions are being forwarded to TARS to expediate their final editing and circulation.

✓

This project is not suitable for sub-contracting.

Candidates recommended for the various posts will be submitted to TARS in a separate memo.

✓

*NORA
PE prepare
blue forms -
HB 2/11*

*Why do we not
consider subcontracting
in toto?
✓
19/11/74*

ORIGINAL DIRECT

M. Bartolo/nsd

cl: S.M. Albuquerque

cc: Mr. Basu 6 NOV 1974

RECORDS CONTROL

Mr. S. Vassiliou, Asst. Director-in-Charge
Development Planning Advisory Services

25 October 1974

PHI/74-018

W. van der Heide, Acting Deputy Director
Asia and Middle East Branch, OTC

PHI/74-018 - Assistance in Regional Planning

.....
I attach a copy of a letter dated 18 October 1974 from
Mr. Bergstrom to Mr. Coomaraswamy together with a copy of the
project proposal for your comments.

In view of the varied expert component we should be very
grateful if you would consider sub-contracting. If you do not
recommend sub-contracting, I should be very grateful if you
would give me job descriptions for all the expert posts. Please
note that the starting date of 1 January 1975 is unrealistic
and should be moved to about 8 months after you can supply us
with job descriptions for circulation.

TE 210(2) FBR1

UNITED NATIONS
DEVELOPMENT PROGRAMME



PROGRAMME DES NATIONS UNIES
POUR LE DEVELOPPEMENT

UNITED NATIONS
NEW YORK

INTEROFFICE MEMORANDUM

TO: Mr. Robert Crooks
Director
Office of Technical Co-operation
Department of Economic and Social Affairs

FROM: *for* Gabriel Valdés S., Assistant Administrator
and Director, Regional Bureau for Latin America

SUBJECT: Country: Brazil

Date: 24 October 1974

FILE NO.: BRA/74/012

SENDER'S TELEPHONE EXTENSION: 2761

Title of Request: Research on the Interrelationships between costs of highway construction, maintenance and utilization

- 1. I attach one copy of a request which has been received from the Government of Brazil, together
- with fifteen copies of a résumé of that request. I should be grateful to receive the detailed comments of the Department of Economic and Social Affairs on this request, including the Department's views on the accuracy of the costing of the request.
2. The Area Officer to whom this request has been assigned is Mr. Clyde C. Applewhite, Ext. 2761.

RECEIVED

6 NOV 1974

PRPS/ELAIP/OTC



Registry



With the Compliments
of the
Resident Representative
of the
United Nations
Development Programme

[Handwritten signature]

Third Floor
Metropolitan Bank Bldg.,
Ayala Avenue
Telephone 86-40-11 to 25

P.O. Box 1864
Manila, Philippines



UNITED NATIONS DEVELOPMENT PROGRAMME

OFFICE OF THE RESIDENT REPRESENTATIVE
IN THE PHILIPPINES

METROPOLITAN BANK BUILDING
ST. ADDRESS: 6813 AYALA AVE., MAKATI RIZAL
TELEPHONE: 86-40-11 TO 25

OFFICE OF TECHNICAL CO-OPERATION
Human Resources Section
Asia and Mid/East Branch

REFERENCE:

PHI/74/018

24 OCT 1974

18 October 1974

Dear Mr. Coomaraswamy,

PHI/74/018 - Assistance in Regional
Planning - Phase I

With this letter I am submitting the above-mentioned project proposal, which has been endorsed by the Government, for your consideration. Five copies of the project document are enclosed. We will prepare and forward the project summary after your comments and those of the United Nations are received.

My own comments on the proposal are set forth below in two parts, dealing respectively with general aspects of the proposal and with specific details of the project document. My general remarks will be relatively brief, in view of the fact that the proposal for assistance in regional planning has already been reviewed as part of the work undertaken by the UNDP/United Nations Mission which visited the Philippines last July. The mission's report is of course already available to you.

I. General Assessment

1. Origins of the proposal

The need for effective regional planning and development, to help overcome serious internal disparities and to accelerate national progress generally, has long been recognized in the Philippines. A good deal of spadework has been done — some of it with UNDP support over the past ten years — to strengthen the foundations for an expanded regional development effort, but until quite recently really decisive measures were not politically feasible. As indicated in the text of the project document, however, opportunities for substantial progress have now been opened up by the Government's current reform programme, which includes implementation of both the Integrated Government Reorganization Plan and the 1974-77

Mr. R. Coomaraswamy
Asst. Administrator and Director
Regional Bureau for Asia and the Far East
UNDP/New York

RECORDS CONTROL

6 NOV 1974

POSTAL ADDRESS:
P.O. BOX 1864 MANILA
CABLE ADDRESS: UNDEVPRO • MANILA
TELEX - RCA 7222250
EASTERN 3557

TE 210/24 IBRD
Hope we do not accept 1 Jan 75 starting date unless we are taking over exports already on board

... /

cc Mr. Vasilian
cc Mr. Kanda
- for advance info
cc w/f 28 Oct 74

Four-Year Development Plan in which regional development is designated as one of the six basic Plan objectives. It is abundantly clear, in fact, that greatly accelerated regional development is among the most fundamental concerns of the highest political authorities in the country. The present proposal for UNDP assistance is a natural outgrowth of the earlier assistance which is referred to above and is summarized in the mission's report. In view of the present favourable convergence of political, economic and administrative conditions, it comes at an auspicious moment for implementation.

2. Preparation of the project proposal

The sponsor of the project is the National Economic and Development Authority (NEDA) which will be the Government Co-operating Agency, specifically through its regional development staff located in the central NEDA office and in the eleven Regional Development Councils. A project document was drafted about a year ago, with assistance from this office, but was held in abeyance pending the clarification of all related issues that has since been made by the mission. The project document now submitted by the Government is based upon and follows closely the draft prepared by the mission and included in its report. It varies mainly from the original proposal in its acceptance of the mission's suggestion of a phased approach (with an eighteen-month Phase I) rather than a complete four-year project. The main difference from the draft prepared by the mission is the inclusion of an expanded equipment component (on this point see also my remarks under section II below).

3. Institutional setting

This question is dealt with extensively in the project document, and the nature and functions of the Regional Development Councils are detailed in the copy of Presidential Letter of Implementation No. 22 annexed to the mission's report. You will note from the project Work Plan that the Government's preparatory activities are well advanced, and that eleven Regional Development Councils are now established. Our latest information is that the technical staffs in Regions V, VI, VII, IX, X and XI are fully manned. Region I has an Executive Director and three other professional staff; Region VIII has an Officer-in-Charge and three other professional staff; Regions II, III and IV have as yet no staff since they are the most recently established. NEDA is optimistic that staffing will be completed by the end of 1974, as scheduled, and at the present rate of progress this expectation seems justifiable. Office accommodation has been provided for all the RDC's, and the provision of office equipment according to the Government budget is proceeding expeditiously. (In connection with staffing arrangements it is noteworthy that NEDA salary scales apply. These are substantially higher than WAPCO scales applied to ordinary Government employees, and this fact should be of great help in preventing the attrition of professional staff experienced in many other UNDP-assisted projects).

... /

Substantial progress has also been made in preparing the new structure of regional development authorities mentioned on page 2 of the project document: a Presidential Decree establishing the new authorities has been drafted, and signature is anticipated when the remaining details have been worked out. The geographical scope of the new authorities (which as stated will be implementing bodies) will not necessarily be coterminous with that of the RDC's. Some will probably embrace several regions, e.g., the present Mindanao Development Authority.

4. Government involvement in the project

My comments under (1) above refer. It only remains to emphasize that NEDA, as the central development policy-making and planning body under the leadership of the President, is heavily committed to the project and has made its desire for UNDP assistance known repeatedly and in the clearest terms.

5. Weaknesses which may affect implementation

The main foreseeable weakness is likely to be the relative inexperience of many of the national personnel in the regional development staffs, which are brand-new creations that have yet to be "shaken down". This is of course the basic reason why UNDP assistance is needed, and is therefore hardly remarkable. It may also be anticipated that acceptance of the co-ordinating functions of the Regional Development Councils will not always be easily gained, at least in the early stages of project implementation. Many of the powerful line agencies of Government have been hitherto accustomed to do their planning in a quasi-independent manner, and it would not be realistic to expect that they will quickly submit to more systematic co-ordination. We are nevertheless optimistic that substantial progress will be made in this direction.

6. Relationships with other external assistance

Since the project is by definition concerned with all aspects of planned development at the regional level, it suggests potential relationships with virtually all forms of external assistance having regional implications. The necessary linkages will be explored and worked out, as appropriate, in the course of project implementation.

Even if we confine ourselves to UNDP assistance, the number of relevant projects is too large to detail here but some of the more significant examples which suggest themselves are the following:

Ongoing

Export Promotion PHI/71/539
Multiple-Use Forest Management and Research PHI/72/006
Soil and Land Capability Appraisal and Training PHI/74/003
Laguna de Bay Water Quality Management PHI/74/009

... /

Pipeline

Improvement of Agricultural Data Collection
Aquaculture Development and Training
Further Assistance to the BOI
Assistance for Small-Scale Industry Development
Additional Road Feasibility Studies
Assistance to the Water Resources Council
Pampanga Delta-Candaba Swamp Development
Agusan/Cotabato River Basin Study
Central Map Production
Tourism Development
National Manpower Development (Final Phase)
Assistance to the National Computer Centre

The project also has important potential relationships with some of the major activities of USAID, IBRD and ADB, particularly in the fields of water and power development, agricultural development and integrated river basin development, in which these agencies have considerable interests. The project proposal in its original form (i.e. as a four-year project) has been discussed informally with IBRD and USAID, both of whom have reacted favourably.

7. Other Potential Inputs

Possible relationships with UNFPA, WFP, DSCS, UNEP and UNV will be examined and provided for, as appropriate, in the course of project implementation. The UNFPA and WFP representatives in this office, as well as DSCS in Bangkok are already informed as to the general nature of the proposal.

8. Policy Implications

The project has no special policy implications in terms of the criteria given in Chapter IV of the OFM. We believe, however, that the project will be of special interest in relation to broad United Nations policy inasmuch as the Government is seeking to utilize the proposed assistance not only to improve regional planning as such, but also to help develop effective means of unifying approaches to economic and social development at the regional level. The search for "unified approaches" has, as you know, been an explicit concern of both the Committee for Development Planning and the United Nations Research Institute for Social Development, the latter with strong support from the Netherlands, Swedish and Canadian Governments among others. Some important studies have been made by UNRISD, but no firm conclusions have been reached as to the delineation and constitution of a "unified approach". The proposed UNDP assistance to the Philippine Government in the field of regional planning may be viewed as a major practical initiative in this area, and may therefore be of more than

... /

usual interest to the United Nations.^{1/}

9. Relevant data and studies

In addition to the above-mentioned mission report, useful background information (including information on earlier UNDP assistance) will be found in Chapters 1 and 2 of the annex volume to the 1974-77 Four-Year Development Plan entitled "Regional Development Projects". This volume, together with the periodic reports prepared under the earlier UNDP-assisted projects, is available at UNDP Headquarters.

10. National follow-up capacity

The Government's capacity for effective follow-up should be considerably enlarged by the project itself, particularly in respect of improved planning methods and procedures and in terms of the important training opportunities that the project will provide. Beyond this, the following general factors augur favourably for future follow-up:

- (1) The high priority given to regional planning and development in the present Four-Year Development Plan. This priority is unlikely to change in future revisions of the Plan.
- (2) The high priority given to effective administrative decentralization in the Integrated Government Reorganization Plan, now under implementation.
- (3) The location of the project in NEDA, which is itself chaired by the President.

In connection with the last-mentioned point, it is especially important to note that two key co-ordinating bodies have been established under NEDA at the national level. One of these is the Development Budget Co-ordination Committee, consisting of the Budget Commissioner (Chairman), the Director-General of NEDA, the Secretary of Finance and the Governor of the Central Bank. This Committee provides a permanent institutional link between NEDA and the sources of funding, and it assures that necessary allocations are made for programmes and projects covered by the Plan. The other body is the Investment Co-ordinating Committee, consisting of the Director-General of NEDA (Chairman), the Chairman of the BOI, the Governor of the Central Bank and the heads of the Philippines National Bank, the Development Bank of the Philippines, the Government Service Insurance System and the Social Security System. This committee formulates and co-ordinates the investment policies of all Government financial institutions.

... /

^{1/} The work of Mr. Marshall Wolfe (Director of the ECLA Social Development Division), who was one of the major contributors to the UNRISD study on a unified approach to planning and development, has aroused keen interest at the U.P. Institute of Planning. The Institute is currently attempting to secure his services as a short-term consultant under PHI/72/004.

II. The Project Document

1. Section I.E - Future UNDP Assistance

This section differs from the draft prepared by the mission in not specifying the formulation of two separate projects, i.e. one to support regional planning directly and another to train professional regional planners. It was understood at the time of the mission's visit that assistance for professional training would be desirable, and that this should be concentrated at the University of the Philippines. However NEEDA feels, and we agree, that it would be premature to make this stipulation in the present project document. Provision has been made under the sections of the document dealing with Immediate Objectives and Work Plan for co-operation with the University authorities in the development of a suitable curriculum for professional training. This provision can also serve as the basis for exploring specific needs for UNDP assistance and obtaining the University's support in formulating an additional project.

2. Section II - Objectives of the Project

See my last Comment in relation to Immediate Objective No. 6

3. Section III - Work Plan

A. Project Activities

The main difference here (i.e. from the draft prepared by the mission) is the inclusion of several additional items under "Peak Action Activities". These are item 5 (distinguishing the activity to be undertaken in co-operation with the University of the Philippines from the assessment of resources for sub-professional training); item 7 (calling for a specific review of regional development performance, by sector); and item 17 (preparation of planning manuals). These additions seem reasonable to us, and we support them. We ourselves have made provision for preparation of a Phase I final report (item 21). We have also slightly advanced the timing of items 18, 19 and 20 in order to allow a little more flexibility at the end of Phase I.

Apart from this we have introduced a "D-Day" formula to indicate starting dates for the Peak Action Activities. This is to allow for the possibility that the project may not begin on schedule, in which case specific calendar dates would all be rendered obsolete. The initials "PSD" stand for Project Starting Date: where they appear alone they mean that the activity in question starts at the same time as the project itself, while "PSD plus 3" means that the activity begins after three months have elapsed from the project starting date -- and so forth.

... /

B. Description of UNDP Inputs

(i) Assignment of international staff. Although it is not so stated in the project document (in the interest of avoiding repetition), it is desirable that all candidates have experience in developing countries, and also experience in the implementation as well as the formulation of plans and programmes.

a With regard to position (d)-Industrial Planner, it will be recalled that there is already an outstanding SIS request with UNIDO for a regional industrial planner to undertake a one-year assignment. UNIDO has recently informed us that their efforts to find a suitable and available candidate have so far proved fruitless. NEDA would like UNIDO to continue the search. If an acceptable candidate can be found under the regional planning project, NEDA would ask for cancellation of the SIS request. Conversely (if UNIDO succeeds and the United Nations fails), they would expect the SIS expert to fulfill the functions of industrial planner in the regional planning project.

(ii) Training provisions. NEDA has requested the addition of 22 fellowship man-months to provide study tours for two-man teams from each Regional Development Council, viz. the Council Chairman and the NEDA Regional Executive Director. We think this is a sound proposal and support it.

(iii) Administrative support personnel. A driver has been added to this component at our suggestion. This is to ensure that a chauffeur is available full-time to the project manager, and it is a provision that we have found useful in many large-scale projects.

(iv) Non-expendable equipment. As mentioned at the beginning of the letter, this represents the major difference from the mission's proposal. After the mission had completed its report a final meeting was held with NEDA, and the Director-General strongly stressed his desire for additional equipment, particularly project vehicles. We believe that the provision in the present project request (two vehicles to be located at NEDA itself and one at each of the Regional Development Councils) is justified, since the experts on the project will have to be unusually mobile and will have to be assured of transport in each location. The provision of two vehicles at the NEDA office in Manila reflects the fact that this will be the central point of reference for all the experts as well as the Project Manager.

As you know, the present assistance for the Mindanao Regional Development Study is being terminated. We are discussing with the Government the future use of the project equipment, one possibility being that it may eventually be transferred to the Agusan/Cotabato study now in the pipeline. If however an alternative use does not materialize the MRDS equipment can be applied to the Regional planning project, for which the equipment list would be correspondingly reduced.

I trust that the above comments provide you with all the information you need for your appraisal, and I recommend early approval of the project request. We are informed that Director-General Sicat will be in New York on official business in the last week of October and will be visiting UNDP Headquarters on 28 October. You may wish to use that opportunity to discuss the project request with him.

Yours sincerely,

Donald R. Bergstrom
Resident Representative

- cc: ✓ (1) Mr. W. van der Heide (w/ 5 copies of the project document)
Acting Deputy Director
Asia & Middle East Branch
Office of Technical Cooperation
United Nations, New York
- (2) Mr. Erskine Childers (w/ 1 copy of the project document)
Director, Development Support
Communication Services
Bangkok, Thailand

ES/ame

Mr. W. van der Heide, Acting Deputy Director
Asia and the Middle East Branch, OTC

Mr. Vladimir Baum, Director
Resources and Transport Division

Chris N. Christopher, Chief
Cartography Section, RTD

16 September 1974

TE 311/1
BANGLADESH

TE 210(2) IBRD

BANGLADESH - ERTS Programme (BGD/74/005)

1. Reference TE 311/1 BANGLADESH of 15 July 1974.
2. Our Technical Adviser has reviewed the draft prodoc in detail and has had a very general discussion with Dr. W. U. Drewes of IBRD.
3. Drewes has not yet replied to the Resident Representative's letter of 28 June but he has under consideration a suitable programme of which he promises us a copy in due time. He strongly supports the project as an essential prerequisite for the Bangladesh development plan.
4. This office has no information regarding the equipment listed, but we suggest that the amount of money provided under "Non Expendable Equipment" may be somewhat inadequate. Items such as "data storage and retrieval system", "Print out adapter for IBM 360/30" and "Computer" carry a connotation of expenditures beyond the \$20,000 estimated. Possibly we should await Dr. Drewes' comments before proceeding further in hope that he can provide more accurate identification of the several items listed.
5. We suggest that on page 4, paragraph 6 under "Cartography" there is an overstatement since we are not aware of any instance where it has been possible to prepare conventional topographic maps from ERTS imagery. We suggest that this section might be more accurately written as:

"Cartography"

 - i) To assist in the revision of medium and small scale maps.
 - ii) To assist in the preparation of small scale base maps for various thematic productions."
6. With the minor reservations specified above we continue to support the proposal as an imaginative and practical contribution to the solution of problems of resources inventory and flood control.

Mr. E. Ergun, Chief
Technical Co-operation Section
(Africa and the Americas), CHBP

13 September 1974

TE 322/1 NICAR
(240-2)

TE210(2) IBRD

Jan H. van Heerden, Chief
Physical Resources Projects Section
ELAIPB/OTC

ELS/73/008 - Housing Project

..... 1. Please refer to attached copies of 29 August 1974 letter
..... from Mr. Guardalini and 22 August 1974 letter from Mr. Viéytez to
Mr. Guardalini.

2. Your comments on the Government request for the appointment
of the World Bank as executing agency for subject project would be
appreciated in view of Mr. Singh's "note for the file" of 5 June 1974,
your memorandum to us of 19 July 1974, and the segment on Housing,
Project ELS/73/008 from the Resident Representative's Management Plan
dated July 1974 sent you by us on 22 August 1974.

ORIGINAL DIRECT



12 September 1974

TE210(2)IBRD

Dear Mr. Strombon,

Re: Lyari Improvement Project, Karachi

.... I am enclosing herewith a copy of the draft Project Document containing the outline for a small-scale project, "Lyari Improvement Project". This document, as you will see, has been drafted on the basis of Mr. Engelmann's mission report, and, in fact, we have taken the liberty of reproducing extensively relevant parts of his mission report in the preparation of this document. We are submitting this to the Resident Representative for obtaining the Government's formal clearance. As the document is still in a draft form, we would be grateful for any comment you may have to make on it.

The UN input is rather small when compared to the tasks to be accomplished. However, if the counterpart contribution does not come up to our expectations, we can go in for a project revision at a later stage for more international input.

With kind regards,

Yours sincerely,

V. Kandaswamy
Chief
Technical Co-operation Section
(Asia, Europe and the Middle East)
Centre for Housing, Building and Planning

Mr. Strombon
IBRD
Washington D.C.

ORIGINAL DIRECT
RECORDS CONTROL
SEP 14 1974
12 September 1974

Mr. Rosendra K. Basu, Chief
Physical Resources Projects Section
Asia and the Middle East Branch, ODE

V. Kandaswamy, Chief
Technical Co-operation Section
Asia, Europe and the Middle East, CHBP
Proposed Lyari Improvement Project, Karachi

TE210(2) FBAD

..... 1. Please find attached hereto two copies of the draft PRODOC containing the outline of a small-scale project titled "Lyari Improvement Project". In June this year, Mr. Strombon and Mr. Engelmann of the IBRD visited the Centre, prior to Mr. Engelmann's field mission to Karachi. Mr. Engelmann was visiting Pakistan at the request of the Government for IBRD financing for the Lyari Improvement Project. The Bank officials wanted to know if the feasibility studies for this project could be carried out as a part of a proposed extension of PAK/65/540. As the PRODOC for the extension did not cover the specific requirements of this project and as the PRODOC had already reached a stage when it would have been unwise to have a revision to accommodate this project, it was decided that we would prepare a separate PRODOC on the basis of the job to be done, as identified by Mr. Engelmann's mission. We now have Mr. Engelmann's mission report, and, on the basis of the understanding reached between the Bank and the Government, this Project Document has been prepared.

2. A copy of the PRODOC is being sent to IBRD for its concurrence. These requirements were also discussed by Mr. Ergun during his recent mission to Karachi, both with the Government and the UNDP office, and we have the tentative agreement of both parties. We would now like one copy of the PRODOC to be forwarded to the Resident Representative for clearance with the Government. You will note that the section of the PRODOC pertaining to counterpart inputs has been left blank, as this information cannot be provided at this end. The Resident Representative could fill in these details in consultation with the Government representatives and get the formal approval of the Government at an early date, so that we can start this project as soon as possible.

cc. Mr. Woskoff

RECORDS CONTROL

SEP 8 1974 SML/SR

Mr. G. Wen, Chief

Institutional Development and Popular Participation Section
SDD

30 August 1974

AFG/73/011
AFG/68/002

→ TE 210(2) IBRD

S.M. Albuquerque, Chief

Human Resources Projects Section, AMEB/OTC

Ref. TE 322/1 AFG/68(250-5)

AFG/73/011 - Regional Development, Central Provinces and Badakshan,
Rural Development in Afghanistan

Please refer to the Report of the Indian Mission on Rural Development to Afghanistan as well as the Government's tentative request for assistance from the IBRD for a Rural Community Development Programme which were sent to you requesting comments on 28 June 1974. May we please have your comments?

MS
30 Aug 74

UNITED NATIONS
DEVELOPMENT PROGRAMME



NACIONES UNIDAS
PROGRAMA PARA EL DESARROLLO

ALAMEDA ROOSEVELT 2823
APARTADO POSTAL 1114
SAN SALVADOR
EL SALVADOR, C. A.

OFFICIAL CORRESPONDENCE	CONTROL NO.
MUST BE RETURNED TO RECORDS CONTROL, ROOM 2074	9-142

REFERENCE: ELS/73/008 -1563
REFERENCIA:

29 August 1974

100 SEP 1974	
ACTION TO:	
11	MR. Van Heerden
CABLE: UNDEVPRO	
TELEFONO: 23-4466	
TELEX-3010248	
2	
3	
PUT AWAY	
INITIALS: <i>ABJR</i>	
BRING FORWARD	
ON	DAY MONTH YR.
TO:	

Dear Mr. van Heerden:

Subject: Housing (ELS/73/008)

Please refer to your letter of 25 July 1974, proposing that Mr.J. Miller undertake a mission in relation to the above project.

... In this connexion, attached please find an official Government letter requesting that the World Bank be appointed as the executing agency of this project.

We were informally told that this decision stems from the Government desire to establish strict co-ordination between the financial support (sites and services) they are about to receive from the World Bank and the technical assistance to be provided to the housing sector.

Yours sincerely,

Bruno Guandini
Officer-in-Charge
UNDP Office in El Salvador

Mr. Jan van Heerden
Chief, Physical Resources Projects
Section,
Europe, Latin America and Interregional
Projects Branch, Office of Technical
Co-operation
United Nations
New York, N.Y.

RECEIVED

11 SEP 1974

PRPS/ELAIP/OTC

CC: Mr. G. Valdés, UNDP
Mrs. Beatriz de Harretche, IBRD



CONSEJO NACIONAL DE PLANIFICACION
Y COORDINACION ECONOMICA

00001778

ELS/73/008

SAN SALVADOR, 22 DE AGOSTO DE 1974.

BC


SEÑOR ENCARGADO DEL PROGRAMA DE
NACIONES UNIDAS PARA EL DESARROLLO (PNUD),
PRESENTE.

POR ESTE MEDIO ME PERMITO INFORMARLE QUE ESTA SECRETARÍA EJECUTIVA HA DECIDIDO PROPONER AL BANCO MUNDIAL COMO INSTITUCIÓN EJECUTORA DEL PROYECTO "VIVIENDA (ELS/73/008)", CON EL FIN DE PODER CONTAR CON LA AMPLIA EXPERIENCIA Y FLEXIBILIDAD DEL BANCO EN ESTE TIPO DE ESTUDIOS, Y EN ESPECIAL EN LA ESTRUCTURACIÓN DE PROYECTOS ESPECÍFICOS DE DESARROLLO URBANO Y VIVIENDA.

SOBRE EL PARTICULAR, ESTA SECRETARÍA EJECUTIVA CONSIDERA NECESARIO EL ENVÍO DE UNA MISIÓN DE CORTA DURACIÓN (UNA SEMANA) COMPUESTA POR UNA PERSONA PARA QUE CONJUNTAMENTE CON UNA COMISIÓN INTERINSTITUCIONAL COORDINADA POR CONAPLAN, EVALÚE LOS PROGRAMAS ANTERIORES DE ASISTENCIA TÉCNICA, DEFINA EL ALCANCE Y LOS TÉRMINOS DE REFERENCIA DEL NUEVO PROGRAMA Y AL MISMO TIEMPO ASESORE A ESTE CONSEJO EN EL ESTABLECIMIENTO DE LA NUEVA UNIDAD DE DESARROLLO URBANO.

EN EFECTO, ACTUALMENTE ESTAMOS ORGANIZANDO UNA SECCIÓN DE DESARROLLO URBANO, DEPENDIENTE DEL DEPARTAMENTO DE PRODUCCIÓN E INFRAESTRUCTURA, DIVISIÓN DE PLANIFICACIÓN Y EVALUACIÓN PARA ESTUDIAR LO CONCERNIENTE A GRANDES POLÍTICAS, PLANIFICACIÓN A MEDIANO Y LARGO PLAZO Y LA COORDINACIÓN QUE SEA NECESARIA ENTRE EL DESARROLLO URBANO Y OTROS SECTORES Y COMPONENTES DE LA ADMINISTRACIÓN PÚBLICA.

SIN OTRO PARTICULAR, ME DESPIDO DE USTED MUY ATENTAMENTE Y ME SUSCRIBO SU ATENTO SERVIDOR.


ATILIO VIÉITEZ,
SECRETARIO EJECUTIVO

UNDP EL SALVADOR	
RECEIVED	
23 AGO. 1974	
R:	2769
FILE:	

ORIGINAL DIRECT

97N
Drafted: J. Neumark
cc: Mr. Fano (for Mr. Rao, RTD)
Mr. Kinniburg (UNDP)

BGD/74/005

29 July 1974

BY POUCH

TE 210(2) / EBRD

Dear Mr. D'Astugues,

Subject: ERTS Programme (BGD/74/005)

With reference to your letter of 10 July, your ref. BGD/74/005/4051, regarding the above-mentioned subject, I wish to inform you that I have discussed this matter by telephone with Mr. W. Drewes of the IBRD in Washington. During this conversation it was agreed that the UN will be the Executing Agency for the project in association with IBRD. The Bank proposes to use the services of IBM to interpret the relevant data. Mr. Drewes further emphasized that IBM was the only firm competent and fully equipped to undertake this type of work, and that they already had undertaken similar work for the Government of Pakistan. What they actually plan to do is to have the expert in Bangladesh pick out the most pertinent images and have the tapes sent to be processed by IBM. We shall write to the Bank in this connexion to finalize the necessary arrangements after the project document has been approved by UNDP.

In the meantime, the project document is being reviewed by our substantive office and should we have additional comments in this matter we will write to you in due course.

Yours sincerely,

R.K. Basu
Officer-in-Charge
Asia and the Middle East Branch
Office of Technical Co-operation

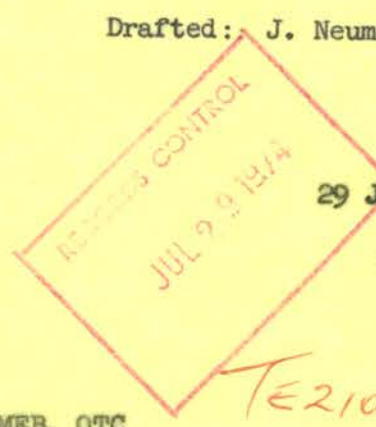
Mr. M. D'Astugues
UNDP Resident Representative
Ramna, Dacca (BANGLADES)

~~CONFIDENTIAL~~

Drafted: J. Neumark

8PN

Mr. Alagappa Alagappan, Chief
Water Resources Section
Resources and Transport Division
ATT: Mr. Enzo Fano



29 July 1974

BGD/74/005

TE210(2)IBRD

R.K. Basu, Chief
Physical Resources Projects Section, AMEB, OTC

BGD/74/005 - ERTS in Bangladesh: Project Document

.....
.....

1. Attached please find a copy of letter ref. BGD/74/005/4051, dated 10 July 1974 from Mr. D'Astugues, together with the Project Document for the above-mentioned project, for your review and comments.
2. Since, as you will note, the Government wishes to implement the fellowship posts by the beginning of October 1974, we would appreciate receiving your comments at your earliest convenience in order to permit enough time for processing and implementing these posts.

Envelope attached

A. van Rynbach/rin
cc: Mr. E. Ergun

JUL 5 1974

25 July 1974

Dear Mr. Guardalini,

Subject: ELS/73/008 - Request for a mission to
assist the National Housing Commission of
El Salvador

Further to Mr. Singh's "note for file" dated 5 June 1974 concerning the suggestion that a mission be sent to El Salvador to aid the Government in drafting a project document for assistance in regional development, urban planning, housing and the construction industry, we are proposing that a Technical Adviser from the Centre for Housing, Mr. John Miller, undertake this mission.

In Mr. Singh's "note for the file" it was suggested that a Preparatory Assistance Document be prepared, but we would understand that since Mr. Miller, from the Centre for Housing, will be undertaking the mission, such a document would not be required. Instead, we are attaching a copy of a Terms of Reference for the mission to be submitted to the Government for their concurrence.

In regard to the timing of the mission, we recommend that the El Salvador mission be set for September for the reason that Mr. Miller will be attending the Congreso Inter-americano de Planificación of SIAP in Panama from 8 - 14 September 1974 and will be available for the El Salvador mission after this Congress. However, Mr. Miller is also tentatively scheduled to participate in a technical review mission in Managua, Nicaragua, at some point in September. As we do not so far have a definite indication as yet on the preferred dates for the Nicaragua mission, we cannot let you know the exact timing of Mr. Miller's mission,

/....

Mr. B. Guardalini, Officer-in-Charge
UNDP in El Salvador
Apartado Postal 06-1114
San Salvador, El Salvador, C. A.

25 July 1974

but there is a possibility that the El Salvador mission could take place from 23 September to 4 October 1974. The Government could, therefore, be given these as tentative dates.

Confirmation of the timing of the mission to Nicaragua is expected no later than 12 August, so we will contact you immediately upon learning of the exact dates and arrange for the mission to El Salvador, if the Government concurs with our proposals.

Sincerely yours,

Jan H. van Heerden, Chief
Physical Resources Projects Section
Europe, Latin America and
Interregional Projects Branch
Office of Technical Co-operation

Mr. B. Guardalini, Officer-in-Charge
UNDP in El Salvador
Apartado Postal 06-1114
San Salvador, El Salvador, C. A.

UNITED NATIONS
DEVELOPMENT PROGRAMME
IN BANGLADESH



P. O. BOX 224, RAMNA, DACCA,

PARKVIEW
589, ROAD NO. 17
DHANMANDI
DACCA

cc Falzon - memo of 15 July
WF

জাতিসংঘ
উন্নয়ন কর্মসূচী
বাংলাদেশ

2 - AUG 1974
ACTION TO:
পার্কভিউ
৫৮৯, গড়ক নং ১৭
ধানমন্ডি
ঢাকা

Cables: UNDEVPRO, DACCA.
PABX - 317181-5

BRING FORWARD
ON DAY MONTH YR.
TO:

Reference

BGD/74/005/4380

24 July 1974

Dear Mr. Van der Heide,

ERTS in Bangladesh BGD/74/005

TE 210(2)IBRD

We look forward to receiving your reaction and comments to our letters of 28 June and 10 July 1974, and to receiving your advice on the draft project document forwarded with the former.

Yours sincerely,

M.E. D'Astugues
Resident Representative

Mr. Van der Heide
UNOTC
New York

cc: Mr. W.U. Drewes, IBRD, Washington.
cc: Mr. R. Coomaraswamy, UNDP, New York.

RECEIVED
1668

AUG - 6 1974

OTC

CONTROL NO.
8/84

CORRESPONDENCE
MUST BE RETURNED TO
RECORDS CONTROL ROOM 2074

ORIGINAL DIRECT
drafted: G. Velez
Mr. Vladimir Baum, Director
Resources and Transport Division, ESA

RECEIVED CONTROL
JUL 27 1974
24 July 1974
TE 210(3) IBRD

Nicolas V. Gleboff, Acting Deputy Director
Europe, Latin America and Interregional Projects Branch
Office of Technical Co-operation

HAITI - Technical Assistance to the Transport Sector
HAI/74/006

For your information and any final comments that you may wish to make we enclose herewith the final draft project document together with the UNDP transmittal memorandum dated 11 July 1974.

Mr. W. van der Heide, Acting Deputy Director
Asia and the Middle East Branch, OTC

19 July 1974

TE 311/1
BANGLADESH

Paul B. W. Gollong, Chief
Technology Applications Section
Office for Science and Technology

BANGLADESH - ERTS Programme (BGD/74/005)

Regrettably, Mr. B. Châtel, Chief of our Science Applications Section, is in Africa on a mission and, thus, cannot comment in depth about the above subject project and the technical aspects with which he is familiar. We can offer the general comment that both the World Plan of Action and the Asian Plan of Action for the Application of Science and Technology to Development recognize the importance of natural resources survey by remote sensing and fully endorse the application of the most modern technology to accomplish the desired result. We, therefore, endorse the request.

UNITED NATIONS



NATIONS UNIES

INTEROFFICE MEMORANDUM

MEMORANDUM INTERIEUR

TO: Mr. W. van der Heide, Acting Deputy Director
A: Asia and the Middle East Branch, OTC

DATE: 19 July 1974

THROUGH:
S/C DE:

REFERENCE: TE 311/1
BANGLADESH

FROM: Paul B. W. Gollong, Chief
DE: Technology Applications Section
Office for Science and Technology

SUBJECT: BANGLADESH - ERTS Programme (BGD/74/005)
OBJET:

RECEIVED
JUL 22 1974
PRS/AME/OTC

Regrettably, Mr. B. Châtel, Chief of our Science Applications Section, is in Africa on a mission and, thus, cannot comment in depth about the above subject project and the technical aspects with which he is familiar. We can offer the general comment that both the World Plan of Action and the Asian Plan of Action for the Application of Science and Technology to Development recognize the importance of natural resources survey by remote sensing and fully endorse the application of the most modern technology to accomplish the desired result. We, therefore, endorse the request.

RECEIVED
JUL 22 1974
OTC

1 cc w/k.
Sent to Mr. Alafayon
for review & comments

29/7/74
2PN

ORIGINAL DIRECT

cc: Mr. Basu

C. Reid/mm

Mr. N.F. Falzon, Assistant Director-in-Charge
Transport and Cartography, RTD

Attention: G.H. Smith

Technical Adviser, Cartography Section, RTD

15 July 1974

TE 311/1
BANGLADESH

W. van der Heide, Acting Deputy Director
Asia and the Middle East Branch, OTC

BANGLADESH - ERTS Programme (BGD/74/005)

Many thanks for your memorandum dated 17 June 1974 on Mr. Kutena's latest progress report. The comments contained in your memorandum have been transmitted to the Resident Representative.

We have subsequently received from the Resident Representative a preliminary draft project document for assistance to the ERTS Programme, Phase I. A copy of the draft prodoc together with the Resident Representative's letter of transmittal dated 28 June 1974 and other documents received are herewith, attached.

We would appreciate your reviewing the request and advising us of your comments at your earliest convenience, bearing in mind the queries raised by the Resident Representative in his correspondence to us and to the World Bank.

cc: Mr. Basu

CR
C. Reid/mm

Mr. R.C. Desai, Acting Director
Office for Science and Technology

15 July 1974

TE 311/1
BANGLADESH

W. van der Heide, Acting Deputy Director
Asia and the Middle East Branch, OTC

BANGLADESH - ERTS Programme (BGD/74/005)

TE 210(2) IBRD

..... We have received from the Government of Bangladesh a request, submitted through the Resident Representative, for assistance to the Bangladesh Earth Resources Technology Satellite Programme Phase I. We attach, hereto, copy of the draft project document together with the Resident Representative's letter of transmittal dated 28 June 1974.

We would appreciate your reviewing this request and advising us of your comments at your earliest convenience.

ROUTING SLIP

FICHE DE TRANSMISSION

TO:
A:

Mr. Basu

FOR ACTION		POUR SUITE A DONNER
FOR APPROVAL		POUR APPROBATION
FOR SIGNATURE		POUR SIGNATURE
PREPARE DRAFT		PROJET A REDIGER
FOR COMMENTS		POUR OBSERVATIONS
MAY WE DISCUSS?		POURRIONS-NOUS EN PARLER ?
YOUR ATTENTION	✓	VOTRE ATTENTION
AS DISCUSSED	✓	COMME CONVENU
AS REQUESTED		SUITE A VOTRE DEMANDE
NOTE AND FILE		NOTER ET CLASSER
NOTE AND RETURN		NOTER ET RETOURNER
FOR INFORMATION		POUR INFORMATION

Will you pls transmit
the information in my
letter to R+T and
Sci. + Techn. as follow
up to our earlier
memos.

Date:

FROM:

DE:

20/7/74

vll tt

MESSAGE

FOR:
POUR :

FROM:
DE :

Telephone No.:
No de téléphone :

Extension:
Poste :

Room No.:
No de bureau :

RETURNED YOUR CALL

VOUS A RAPPELÉ (E)

WILL CALL YOU AGAIN

VOUS RAPPELLERA

WOULD LIKE YOU TO CALL

VOUDRAIT QUE VOUS L'APPELIEZ

CAME TO SEE YOU

EST VENU (E) VOUS VOIR

WOULD LIKE TO SEE YOU

VOUDRAIT VOUS VOIR

Received by - Reçu par :

Date:

Time - Heure :

Encl. attached (w.m.)

UNITED NATIONS
DEVELOPMENT PROGRAMME
IN BANGLADESH



P. O. BOX 224, RAMNA, DACCA,

PARKVIEW
589, ROAD NO. 17
DHANMANDI
DACCA

Shrestha (Rud)
জাতিসংঘ
উন্নয়ন কর্মসূচী
বাংলাদেশ

Basu

পার্কভিউ
৫৮৯, রোড নং ১৭
ধানমন্ডি
ঢাকা

Cables : UNDEVPRO, DACCA.
PABX - 317181-5

Reference BGD/74/005/4051

10 July 1974

Dear Mr. Van der Heide,

ERTS in Bangladesh - BGD/74/005

I refer to my letter BGD/74/005/2950 dated 28 June 1974 enclosing copies of a draft project document for the ERTS programme - Phase 1.

To assist in your evaluation of this I should like to keep you up to date with some of the changes recommended at a recent meeting between the representatives of the local ERTS Task Force and this office.

The first Phase of the ERTS programme in Bangladesh has now been extended to cover several project areas and not one test area as stated in the draft project document. This necessitates changes on pages 2, 7, 10 and 11.

UNDP assistance will almost certainly be required during subsequent phase of the ERTS programme and this should be reflected in page 6.

The ERTS Task Force is preparing a Work Plan for page 11 of the document and I hope to be able to send you this very soon.

The subcontract to the World Bank is now apparently not needed under this project, because the money is available directly at the Bank - but this should be checked with Mr. Wolfram Drewes, IBRD, Washington.

The fellowships for the Chief Investigators should be expanded to 12 months each and an additional one added in "Instrumentation" for one of the Investigators. The fellowship for the Secretary, National ERTS Committee, is not required, and that for the Principal Investigator should be changed into a three month study tour.

Mr. Van der Heide
UNOTC
New York.

RECEIVED

JUL 22 1974

PRS/AME/OTC

RECEIVED
1532

JUL 18 1974

OTC



Certain locations have been identified for the fellowships as follows:

Interpretation Technique Development	Purdue University or University of Wisconsin.
Forestry	Forestry Remote Sensing Laboratory, University of California, Berkley.
Hydrology	University of Wisconsin.
Oceanography and Fisheries	Texas A & M University.
Agriculture	Purdue University, Indiana.
Cartography	Remote Sensing Laboratory, University of Kansas.
Instrumentation	Michigan State University.

All fellowships should start if possible in October 1974. Nomination forms are being processed from the end and I will send them to you when received from the Government.

Please note that on page 14 under 5 Miscellaneous item (vi) for \$ 15,000 includes the US \$ 12,000 non-expendable equipment mentioned in 4.B(b) above. On page 15 "Furniture" should be Taka 140,000 and "Premises" Taka 156,000; the line item 42 of Government budget should be amended accordingly in the former case.

There are other minor changes to be made to the Government's counterpart contribution which we will finalize on receipt of comments from you, UNDP headquarters, and Mr. Drewes.

Yours sincerely,

A handwritten signature in dark ink, appearing to read "M.E. D'Astugues", with a horizontal line drawn underneath it.

M.E. D'Astugues
Resident Representative

cc: Mr. R. Coomaraswamy, UNDP, New York.
Mr. W. Drewes, IBRD, Washington.

UNITED NATIONS DEVELOPMENT PROGRAMME

Project of the Government of
BANGLADESH

Title: Earth Resources Technology Satellite
Programme -- Phase 1.

Number: BGD/74/005/A/01/42

Duration: Two years

Sector: Natural Resources

Subsector: Development planning
and policy

Government Cooperating
Agency: Planning Commission

Executing Agency: United Nations

Date of submission: 4 June 1974

Starting Date: 1 October 1974

Government contribution: Taka 1,414,700
(local currency)

UNDP Contribution: US\$192,840
(in US dollars)

Approved: _____
(on behalf of the Government)
(signature)

Date: _____

(on behalf of the Executing Agency)
(signature)

Date: _____

(on behalf of UNDP) (signature)

Date: _____

I BACKGROUND AND SUPPORTING INFORMATION

A. Justification for the Project

The ERTS Survey will be an essential supporting programme for the preparation of a long-term perspective plan for Bangladesh, particularly for the water resources and agriculture sectors. In addition the scheme will provide valuable physical resource data for the planning and implementation of many vital national development projects in such fields as land use, flood control, irrigation and intensification of cropping.

The benefits of the project far exceed its costs, since ERTS imageries and data are supplied free of charge by NASA, to participating countries. The cost of one image produced by the ERTS-system is approximately \$15,000; as it requires 16 images to cover Bangladesh every 18 days, the total cost of supplying this data for the duration of the project would be of the order of \$5 millions. This cost will be entirely borne by NASA, provided Bangladesh develops capabilities to utilise the data. In order to achieve this objective it is necessary to train local scientists and engineers in the field of ERTS-data interpretation and instrumentation and also develop supporting services such as ground truthing, data storage and retrieval systems and the ability to reproduce and disseminate interpreted data to the user agencies.

The project is designed to accomplish this by providing support to the 1st Phase of the Government's ERTS programme which is regarded as a training and investigation programme which will develop the capabilities and techniques applicable to larger areas. The 1st Phase will concentrate on one Test Area, the size of a single ERTS frame, of approximately 10,000 sq miles which will be used as a "laboratory site" for training and development of the ERTS capabilities of local engineers and scientists.

B. Institutional Framework

Following the Prime Minister's approval of Bangladesh's participation

/...

in the ERTS programme on 26 January 1974 the Government of Bangladesh constituted the National ERTS Committee of Bangladesh with the following terms of reference and composition.

Terms of Reference

- (i) to co-ordinate the activities of various sectors (such as hydrology, agriculture, forestry, fisheries and cartography) involved in the Earth Resources Technology Satellite (ERTS) Programme and to provide overall policy guidance to the ERTS-Task Force in implementing the programme.
- (ii) to examine and approve the Bangladesh ERTS-Programme Proposal before submitting the same to NASA.
- (iii) to evolve a suitable programme for training of Bangladesh personnel in ERTS-Technology and to arrange for their training.
- (iv) to communicate with NASA and other external agencies in connection with ERTS-Programme.

Composition

- | | |
|---|----------|
| 1. Mr. A.K.M. Ahsan
Member, Planning Commission | Chairman |
| 2. Secretary
Ministry of Defence | Member |
| 3. Secretary
Ministry of Shipping, IWT & Airways | Member |
| 4. Secretary
Ministry of Flood Control, Water
Resources & Power, (F.C. & R. Division) | Member |
| 5. Secretary
Ministry of Agriculture | Member |
| 6. Secretary
Ministry of Forest, Fisheries & Livestock | Member |

/...

7. Secretary Ministry of Natural Resources & STR	Member
8. Chief, Agriculture Division Planning Commission	Member
9. A Nominee of the University Grants Commission	Member
10. Principal Investigator ERTS-Programme	Member
11. Dr. K.F.K. Jalal Deputy Chief, Planning Commission	Member-Secretary

The National ERTS Committee met on 25 March 1974 and nominated Dr. Anwar Hossain of the Atomic Energy Commission as the Principal Investigator of the ERTS Programme. It was decided that Bangladesh should participate in six sectors: hydrology, agriculture, forestry, oceanography and fisheries, cartography and interpretation techniques development. Chief Investigators have been appointed to cover each sectoral programme, with one investigator and co-investigator each.

In addition an ERTS Task-Force was established with the following terms of reference and composition.

Terms of Reference

- i) to prepare sectoral projects and an overall project proposal for the ERTS-Programme of Bangladesh.
- ii) to set up and maintain ground observation stations with the assistance of concerned government agencies.
- iii) to collect and analyse ground station observation for co-ordination with ERTS-data.
- iv) to collect, store and process all incoming data and to disseminate relevant data to concerned departments and agencies.
- v) to select persons for the ground truth programmes and to provide in-service training.
- vi) to prepare and submit quarterly progress reports to the National ERTS Committee.

Composition

- | | | |
|----|--|----------|
| 1. | Dr. Anwar Hossain,
Member, Atomic Energy Commission,
(Principal Investigator, ERTS-Programme) | Chairman |
| 2. | Dr. K. F. Jalal

Member-Secretary
National ERTS Committee | Member |
| 3. | All Investigators of ERTS Programme

(Six Chief Investigators, six
Investigators and six Co-investigators). | Member |
| 4. | UNDP Project Coordinator | Adviser |

It was decided that the ERTS-Task Force will start functioning immediately and all the Investigators of the ERTS-Programme will work on a full-time basis.

C. Provision for Government Follow-Up

The Planning Commission will be the implementing agency of the ERTS programme and will make the necessary financial provision in forthcoming Annual Development Plans.

Other Related Activities

By its nature the ERTS programme encompasses many development activities in the water resources and agricultural sectors for which it is designed to provide data for resource planning and management.

The UNDP financed water resources expert (BGD/72/014) has been the principal adviser to the Government on the ERTS programme, and they wish him to continue to perform this function until approval of this project. He will, at the same time, continue to act as adviser to the Planning Commission's Technical Committee on Irrigation and Drainage.

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The ERTS programme will be an invaluable source of data for other projects included in the UNDP Country Programme, including the proposed "Centre for Environmental Studies for Integrated Development BGD/73/050;" the "Hydrological Survey BGD/72/008", "Fisheries Development BGD/72/016", and "Soil Survey Interpretation BGD/72/018".

The Canadians are financing an Aerial Survey of Bangladesh commencing October 1974 which will provide valuable data for cross-checking of ERTS imagery.

Further UNDP Assistance

None envisaged at present.

II OBJECTIVES OF THE PROJECT

The project is included in Annex III of the Country Programme as an "additional high priority project proposal for possible funding from the unprogrammed reserve or from other multi-lateral or bilateral sources."

A. Long-range objectives

This project aims at developing the capacity of Bangladesh to participate effectively in the Earth Resources Technology Satellite-B Programme to enable the Government to take advantage of ERTS data for rational planning and resource management. To this end the project will establish a satellite data evaluation programme within Bangladesh to investigate the extent to which ERTS data can be applied for these purposes. The programme will concentrate on developing capabilities to inventory flood conditions, agriculture and forest resources, land use, and studies of changes in river courses, and, in the long run, will develop a modern National Resources Survey and a Data Bank Centre.

/...

B. Immediate objectives

The project will develop both in-country and overseas training courses and facilities for Bangladesh scientists and engineers in utilization of ERTS data for resource survey and management. It will aim particularly at developing the capacity of the ERTS Task Force to improve upon existing and provide additional resource data for specific development projects in the Government's First Five Year Plan. The technical approach in each sector will include the use of existing ground information systems, installation of additional ground stations where necessary, and the use of aerial photographs available from the Bangladesh Aerial Photography programme scheduled to commence in November 1974 with Canadian assistance. Equipment supplied under this project for the interpretation of ERTS data will be used for evolving classification and pattern recognition techniques for identifying vegetation types, forests, and water resources by different methods such as L.A.R.S. J.S.C. and J.P.L.

The first phase of the ERTS programme, in support of which this project is designed, will concentrate on developing the necessary capabilities and techniques using a Test Area of some 10,000 square miles as an experimental laboratory site.

Immediate objectives relating to the Test Area have already been selected for investigations in individual sectors as described below :

A. Agriculture

- i) To resolve and develop identification keys for major crops e.g. rice, jute, sugarcane, wheat and potatoes.
- ii) To estimate yields and production of the major crops.
- iii) To determine crop calendars for the major crops.
- iv) To locate and estimate crop damage by flood, drought, disease, pests and weeds.
- v) To determine soil moisture content during different seasons.

/...

B. Forestry

- i) To estimate present and future forest production of the Sundarbans, and identify the different species grown.
- ii) To identify changes in the coastal belt for natural afforestation purposes.

C. Water Resources

- i) Mapping of inundated areas and soil deposits on cultivable land.
- ii) Undertake studies of salinity distribution.
- iii) Preparation of a dry season water inventory.

Cartography

- i) To prepare up-to-date topographic maps of the country.
- ii) To prepare various types of thematic maps of Bangladesh.

Oceanography and Fisheries

- i) To determine the effectiveness and reliability of ERTS data for marine and inland fisheries purposes.
- ii) To determine feasibility of locating schools of fish and prawn using sensing techniques.

Interpretation Techniques Development

- i) Screening, selection, reproduction, storage and retrieval of ERTS data from NASA.

- ii) Operation, maintenance, repair, and callibration of the instruments supplied under this project.
- iii) Storage of the standard spectral signatures of major crops and their varieties, and of free water surfaces and water depths by studying their reflectance characteristics.
- iv) Elimination of atmospheric effects on ERTS data.
- v) To coordinate the development of classification and automatic pattern recognition techniques.
- vi) Development of sampling techniques and system models for the ERTS programmes.
- vii) Utilization of ERTS imagery for meteorological observation, thereby augmenting the existing cyclone warning system.
- viii) Distribution of ERTS data to individual users.

/...

III WORK PLAN

<u>Project Activities</u>	<u>Location</u>	<u>Starting Date and Proposed Duration</u>
Preparatory Activities to be carried out by the Government to ensure the timely implementation of the project:		
a) Establishment of a National Committee to coordinate ERTS programme activity	Dacca	2 March 1974 indefinitely
b) Nomination of Principal and Chief Sectoral ERTS Investigators	Dacca	25 March 1974 indefinitely
c) Establishment of ERTS Task-Force	Dacca	25 March 1974
d) Selection of Test Area representing size covered by one ERTS image (approx. 10,000 sq.miles).	South-West Bangladesh	4 April 1974
e) Selection of Investigators and Co-Investigators for each sector.	Dacca	21 May 1974 indefinitely
f) Selection of Test Sites (approx. 20-40 sq.miles) within the Test Area by Chief Investigators for their Sector.	Within chosen Test Area	May - July 1974
g) Rental of a building and purchase of furniture for the ERTS Centre.	Dacca	1 September 1974 indefinitely

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- | | | |
|--|-------------------------|----------------------------|
| h) Identification of field offices staff and facilities for ground proofing in the Test Area and Test Sites. | Within chosen Test Area | August -
September 1974 |
| i) Inventorying all available data pertaining to the Test Area and Test Sites. | Test Area and Dacca | August -
October 1974 |

Full Project Activities

Description of UNDP Inputs
Assignment of International Staff

ERTS Coordinator to act as programme adviser to the Bangladesh ERTS Task Force. He will work closely with the Government's Principal Investigator in coordinating the activities of the Chief Investigators in their different sectors and in liaising with NASA and ERTS data processing firms. He will have responsibility for arranging and supervising suitable in-country and overseas training programmes to develop the skills and capabilities necessary for practical application of ERTS imagery. The candidate must have intimate knowledge of the latest interpretation techniques in the ERTS field, an ability to manage and coordinate a multi-sectoral team of specialists and handle the data required, and preferably a broad knowledge of Bangladesh's physical, ecological and socio-economic characteristics.

Dacca

24 months
October 1974

Subcontracts

Subcontracting of certain data processing tasks will be required at regular intervals. This involves the hiring of time on ERTS data processing machines which are owned by companies such as General Electric, IBM, etc. It is not possible, at present, to define the different tasks that will be required to be undertaken, and therefore a lump sum has been allocated for the purpose of purchasing "machine time." IBRD Washington will undertake this subcontract for the project.

/...

<u>Training Provision</u>	<u>Location</u>	<u>Starting Date and Duration</u>
a) Principal Investigator		
b) Chief Investigator, Interpretation Techniques Development.		
c) Chief Investigator, Forestry.		
d) Chief Investigator Hydrology.		
e) Chief Investigator Oceanography and Fisheries.		
f) Chief Investigator Agriculture		
g) Chief Investigator Cartography		
h) Secretary, National ERTS Committee		

4. UNDP Provided Supplies and Equipment

<u>A. Expendable Equipment</u>	<u>Location</u>	<u>Delivery Date</u>	<u>Cost in US\$</u>
Photographic Materials		1974 throughout	5,000
Chemicals and Stationery	Dacca	Project	
<u>B. (a) Non-Expendable Equipment</u>	(under budget line 42)		
Multispectral Reader (Projector/Viewer)	Dacca	December 1974	
Optical Densitometer and accessories	Dacca	December 1974	
Sensitometer	Dacca	December 1974	
Zoom Transferscope	Dacca	December 1974	
Light Tables and Epidioscope Enlarger	Dacca	December 1974	
Data Storage and Retrieval system unit	Dacca	December 1974	

Portable spectro-radiometer	Dacca	December 1974
Radiating Power Measuring Instrument	Dacca	December 1974
Print-out adaptor for IBM 360/30		
Computer	Dacca	December 1974
Test Equipment	Dacca	December 1974
<u>Total cost US\$ 20,000</u>		

b) Non-Expendable Equipment (under budget line 54)

Air conditioners (four)	Dacca	December 1974	2,000
Vehicle (Microbus)	Dacca	December 1974	5,000
(Four Wheel Drive)	Dacca	December 1974	<u>5,000</u>
Sub-total			12,000

(These to be purchased by the UNDP
Dacca Office locally)

Cost in US\$

5. Miscellaneous

(i) Operation and Maintenance of Equipment and Vehicles	10,000
(ii) Reporting Costs	5,000
(iii) Sundry	2,000
(iv) Direct Costs - Equipment and Terminal Evaluation Mission	15,000

Description of Government Inputs

The Government have approved the project entitled "Earth Resources Technology Satellite (ERTS) Survey Programme of Bangladesh Phase-1" for the period 1973/74 - 1975/76 at a total cost of Taka 2,497,800 (US\$ 322.296)

<u>Assignment of National Staff</u>	<u>Location</u>	<u>Starting Date</u>
a) ERTS Task Force as listed under "Institutional Framework"	Dacca	Already appointed
b) Administrative Officer	Dacca	Already appointed
c) Secretarial and Clerical Workers	Dacca	Already appointed

/...

Training Provision

The Government will continue to pay the local salaries of the fellows while they are abroad on training. In addition they will receive a special allowance while working on the ERTS programme.

Government provided buildings, equipment and supplies

(i)	<u>Expendable Equipment</u>	<u>Taka</u>
	Stationary and office supplies	100,000
(ii)	<u>Non-expendable Equipment</u>	
(a)	A considerable quantity of non-expendable equipment will be made available for the use of the ERTS Task Force, at no cost to the project, at the Bangladesh Atomic Energy Commission, the Survey of Bangladesh, the Bangladesh Water Development Board, and at the Directorate of Fisheries.	
(b)	Furniture	175,000
(iii)	Premises (rent of office)	155,000

Miscellaneous

a)	Conveyance allowance	Taka	100,000
b)	Travelling allowance for field trips	Taka	180,000
c)	Telephone installation and bills	Taka	10,000
d)	Electricity and Sewerage Bills	Taka	39,000
e)	Maintenance of vehicles and equipment	Taka	30,000
f)	Miscellaneous and Contingencies	Taka	100,000

: 16 :
Project Budget Covering UNDP Contribution
 (in US Dollars)

Country: Bangladesh
 Project No.: BGD/74/005/A/01/42
 Title: ERTS - Phase 1

<u>PROJECT PERSONNEL</u>		<u>TOTAL</u>		<u>1974</u>		<u>1975</u>		<u>1976</u>	
		m/m	\$	m/m	\$	m/m	\$	m/m	\$
11	<u>EXPERTS</u>								
11-01	ERTS Coordinator	<u>24</u>	<u>60,000</u>	<u>3</u>	<u>7,500</u>	<u>12</u>	<u>30,000</u>	<u>9</u>	<u>22,500</u>
11-99	Sub Total	24	60,000	3	7,500	12	30,000	9	22,500
16-91	Honorarium (Secretary)		1,440		180		720		540
19	Component Total		<u>61,440</u>		<u>7,680</u>		<u>30,720</u>		<u>23,040</u>
20	<u>SUB-CONTRACT</u>								
21	Sub-contracts								
21-01	Sub-contract to IBRD		<u>20,000</u>		<u>2,000</u>		<u>10,000</u>		<u>8,000</u>
29	Component Total		20,000		2,000		10,000		8,000

		<u>TOTAL</u>		<u>1974</u>		<u>1975</u>		<u>1976</u>	
		m/m	\$	m/m	\$	m/m	\$	m/m	\$
31	<u>FELLOWSHIPS</u>								
31-01	Principal Investigator	6	6,800	-	-	6	6,800	-	-
31-02	Interpretation Techniques Development	6	6,800	-	-	6	6,800	-	-
31-03	(Forestry)	6	6,800	-	-	6	6,800	-	-
31-04	(Hydrology)	6	6,800	-	-	6	6,800	-	-
31-05	(Oceanography & Fisheries)	6	6,800	-	-	6	6,800	-	-
31-06	(Agriculture)	6	6,800	-	-	6	6,800	-	-
31-07	(Cartography)	6	6,800	-	-	6	6,800	-	-
31-08	(Secretary)	6	6,800	-	-	6	6,800	-	-
39	Component Total	48	54,400			48	54,400		
40	<u>EQUIPMENT</u>								
41	Expendable Equipment		5,000		1,000		2,000		2,000
42	Non-Expendable Equipment		20,000		20,000		-		-
49	Component Total		25,000		21,000		2,000		2,000
50	<u>MISCELLANEOUS</u>								
51	Operation and Maintenance of equipment		10,000		2,000		4,000		4,000
52	Report Costs		5,000		-		-		5,000
53	Sundry		2,000		500		1,000		500
54	UNDP Direct Costs		15,000		12,000		-		3,000
59	Component Total		32,000		14,500		5,000		12,500
99	GRAND TOTAL		192,840		45,180		102,120		45,540

/...

Project Budget Covering Government's Contribution in Kind
(in local currency)

Country: Bangladesh
Project No.: BGD/74/005/A/01/42
Title: ERTS - Phase 1

	<u>TOTAL</u>		<u>1974</u>		<u>1975</u>		<u>1976</u>	
	m/m	Taka	m/m	Taka	m/m	Taka	m/m	Taka
10 <u>PROJECT PERSONNEL</u>								
Principal Investigator	24	50,400	3	6,300	12	25,200	9	18,900
Chief Investigator-Interpretation	24	48,000	3	6,000	12	24,000	9	18,000
Techniques Development	24	48,000	3	6,000	12	24,000	9	18,000
Chief Investigator - Forestry	24	48,000	3	6,000	12	24,000	9	18,000
Chief Investigator - Hydrology	24	48,000	3	6,000	12	24,000	9	18,000
Chief Investigator - Oceanography and Fisheries	24	48,000	3	6,000	12	24,000	9	18,000
Chief Investigator - Agriculture	24	48,000	3	6,000	12	24,000	9	18,000
Chief Investigator - Cartography	24	48,000	3	6,000	12	24,000	9	18,000
Secretary ERTS Task Force	24	50,400	3	6,300	12	25,200	9	18,900
Administrative Officer	24	19,200	3	2,400	12	9,600	9	7,200
Secretarial and Clerical Assistants	<u>264</u>	<u>68,700</u>	<u>33</u>	<u>7,800</u>	<u>132</u>	<u>34,800</u>	<u>99</u>	<u>26,100</u>
19. Component Total	<u>504</u>	<u>524,700</u>	<u>63</u>	<u>64,800</u>	<u>252</u>	<u>262,800</u>	<u>189</u>	<u>197,100</u>
40 <u>EQUIPMENT</u>								
41 Expendable Equipment		100,000		20,000		40,000		40,000
42 Non-Expendable Equipment		175,000		175,000		-		-
43 Premises		<u>156,000</u>		<u>19,500</u>		<u>78,000</u>		<u>58,500</u>
44 Component Total		<u>431,000</u>		<u>214,500</u>		<u>118,000</u>		<u>98,500</u>
50. <u>MISCELLANEOUS</u>								
51 Operation and Maintenance of Equipment		130,000		16,000		65,000		50,000
53 Sundry		<u>329,000</u>		<u>30,000</u>		<u>176,000</u>		<u>123,000</u>
59 Component Total		<u>459,000</u>		<u>45,000</u>		<u>241,000</u>		<u>173,000</u>
99 GRAND TOTAL		<u>1,414,700</u>		<u>324,300</u>		<u>621,800</u>		<u>468,600</u>

UNITED NATIONS
DEVELOPMENT PROGRAMME
IN BANGLADESH



P. O. BOX 224, RAMNA, DACCA,

PARKVIEW
589, ROAD NO. 17
DHANMANDI
DACCA

জাতিসংঘ
উন্নয়ন কর্মসূচী
বাংলাদেশ

পার্কভিউ
৫৮৯, সড়ক নং ১৭
ধানমন্ডি
ঢাকা

Cables : UNDEVPRO, DACCA.

PABX - 317181-5

Reference BGD/74/005/2950

28 June 1974

TE210(2) IBRD

Dear Mr. Van der Heide,

... I enclose three copies of a preliminary draft project document for UNDP support to the Bangladesh ERTS Programme Phase 1, together with the Government's covering letter.

... This draft was prepared in my office with little knowledge of the subject involved. I enclose a copy of my letter to Mr. Wolfram Drewes, IBRD, Washington, who very kindly volunteered his assistance in going through such a draft proposal when he was in Dacca about three weeks ago. All my queries to him apply equally well to the technical division of UNOTC. I should very much appreciate receiving your advice and comments on the proposal's technical background as well as the administrative arrangements envisaged.

It is clear that the Government wish Mr. Kutena to switch over to the ERTS programme on a full time basis, and I would support this move. If he could be transferred to the ERTS project in October 1974, this would leave several man months free on the project BGD/72/014 which could be utilized for short term consultancy mission to clear the bottlenecks that have arisen in the water resources sector inhibiting the progress of any concrete development action on either the Government's or UNDP's part. Certain items of non-technical equipment have been included under UNDP direct costs; this is becoming standard practice for Bangladesh UNDP financed projects since it is administratively simpler if this office handles the ordering, purchasing and shipment of such items as vehicles and airconditioners.

I look forward to receiving your comments on the above. The financing of the project from the IPF presents no problem in view of the considerable shippage that has already occurred.

RECEIVED

JUL 10 1974

OTC

Yours sincerely,

M.E. Diastugues
Resident Representative

Mr. Van der Heide
UNOTC
New York.

cc: Mr. R. Coomaraswamy, UNDP, New York.
Mr. W.U. Drewes, IBRD, Washington, U.S.A.

UNITED NATIONS
DEVELOPMENT PROGRAMME
IN BANGLADESH



P. O. BOX 224, RAMNA, DACCA,

জাতিসংঘ
উন্নয়ন কর্মসূচী
বাংলাদেশ

PARKVIEW
589, ROAD NO. 17
DHANMANDI
DACCA

পার্কভিউ
৫৮৯, রোড নং ১৭
ধানমন্ডি
ঢাকা

Cables : UNDEVPRO, DACCA.
PABX - 317181-5

Reference BGD/74/005/2951

28 June 1974

Dear Mr. Drewes,

ERTS in Bangladesh - BGD/74/005

...

Following your visit to this office and the discussions you had with Mr. Eichhorn and Mr. Bradshaw, I enclose three copies of a very preliminary draft project document which we have prepared in this office from the information available to us.

I understand that you very kindly volunteered to go through such a document to fill out those parts for which we have neither the technical knowledge nor the experience in this type of project to complete. We particularly need guidance on the following :-

- 1) The "Work Plan". You will note that this merely consists of "preparatory activities to be carried out by the Government" and that full project activities, which are scheduled to commence with the arrival of the ERTS Coordinator in October 1974, have been left blank. I do not know how possible it is for you to advise us on the types of activity that one would expect such a project to undertake in Bangladesh over the next two years, but any suggestions you have would be most welcome.
- 2) US \$ 20,000 has been included for subcontracting arrangements which we hoped the Bank would be willing to execute on UNOTC's behalf. This was included at your suggestion, and we should very much appreciate any guidance you can give us on the details and probable cost of this component. The figure of \$ 20,000 is only tentative and need not be taken as a limiting factor.

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

cc: ✓ Mr. W. van der Heide, UNOTC, New York.
Mr. R. Coomaraswamy, UNDP, New York.



-: 2 :-

- 3) Any information you may have on training courses available for ERTS - personnel would be extremely helpful to us in filling out the fellowship section of the project.
- 4) Lastly, your technical advice on the equipment component would be welcomed. Should it be larger ? smaller ? . Do you have any idea of the cost and possible sources of supply of the major items ?

We will, of course, discuss all the above points with the Government counterparts on the ERTS programme to obtain their views. However I wanted to get this first draft off to you as soon as possible so that you can tell us whether we are approaching this project at all along the right lines, since it is a subject which, to the layman, is somewhat technically mystifying in its details and jargon. What for instance are L.A.R.S., J.S.C., or J.P.L. ?

Yours sincerely,

A handwritten signature in dark ink, appearing to read "M.E. D'Astugues", with a horizontal line drawn underneath.

M.E. D'Astugues
Resident Representative.

UNITED NATIONS
DEVELOPMENT PROGRAMME



PROGRAMME DES NATIONS UNIES
POUR LE DEVELOPPEMENT

UNITED NATIONS
NEW YORK

INTEROFFICE MEMORANDUM

TO: Mr. R. J. Crooks, Director
Office of Technical Co-operation

FROM: John M. Saunders, Officer-in-Charge
Regional Bureau for Africa

SUBJECT: LIR/74/001: Assistance to the Ministry Planning and Economic Affairs

..... I refer to your memorandum of 24 May and attach herewith pages 24 - 29 of the project document as requested.

cc: Mr. Vasulov
76/6



to legislm

TE 322/1 like
put away
K. Hylfent

24 JUN 1974

1241/01C

Date: 20 June 1974

FILE NO: DP/LIR/74/001

SENDER'S TELEPHONE EXTENSION: 5243

TE 210 (2) (BR)

PART IV - PROJECT BUDGET COVERING UNDP CONTRIBUTION
(In U.S. Dollars)

Country: Liberia

Project No: LIR/74/001/A/01/42

Title: Assistance to the Ministry of Planning and Economic Affairs

10. PROJECT PERSONNEL	Total	1974	1975	1976	1977
	m/m \$	m/m \$	m/m \$	m/m \$	m/m \$
11. Experts					
11.01 General Development Economist	42 105,000 ✓	6 15,000	12 30,000	12 30,000	12 30,000
02 Sectoral Planner	36 90,000 ✓	-	12 30,000	12 30,000	12 30,000
19 Component Total	78 195,000 ✓	6 15,000 ✓	24 60,000 ✓	24 60,000 ✓	24 60,000 ✓
20 MISCELLANEOUS					
21 Reporting	3,000 ✓	-	-	-	3,000
22 Sundry	10,000 ✓	-	-	-	10,000
23 Mid project review	5,000 ✓	-	5,000	-	-
29 Component Total	18,000 ✓	-	5,000 ✓	-	13,000
GRAND TOTAL	213,000 ✓	15,000 ✓	65,000 ✓	60,000 ✓	73,000

PROJECT BUDGET COVERING IBRD CONTRIBUTION
(in U.S. Dollars)

Country: Liberia
Project No: LIR/74/001/A/01/42
Title: Assistance to the Ministry of Planning and Economic Affairs

PROJECT PERSONNEL	<u>Total</u>	<u>1975</u>	<u>1976</u>	<u>1977</u>
Experts	m/m \$	m/m \$	m/m \$	m/m \$
National Accounts Adviser	36 150,000	12 50,000	12 50,000	12 50,000
Component total	36 150,000	12 50,000	12 50,000	12 50,000
<u>Expendable Equipment</u>	5,000	2,000	2,000	1,000
<u>Non-expendable Equipment</u>				
2 vehicles	10,000	10,000	-	-
2 typewriters	900	900	-	-
2 calculating machines	300	300	-	-
2 dictating machines	700	700	-	-
Office furniture and fittings	5,000	5,000	-	-
Component Total	21,900 (21,000)	18,900	2,000	1,000
Contingency	28,100	10,000	10,000	8,100
GRAND TOTAL	200,000	78,900	62,000	59,100

PROJECT BUDGET COVERING USAID CONTRIBUTION
(In U.S. Dollars)

Country: Liberia

Project NO: LIR/74/001/A/01/42

Title: Assistance to the Ministry of Planning and Economic Affairs

PROJECT PERSONNEL	<u>Total</u> m/m \$	<u>1975</u> m/m \$	<u>1976</u> m/m \$	<u>1977</u> m/m \$
Rural Regional Planner	36 ✓ 150,000 ✓	12 50,000	12 50,000	12 50,000
Short-term Consultants	9 ✓ 45,000 ✓	3 15,000	3 15,000	3 15,000
Training	105,000 ✓	35,000	35,000	35,000
	<hr/> 300,000 ✓	<hr/> 100,000 ✓	<hr/> 100,000 ✓	<hr/> 100,000 ✓

PART IV - PROJECT BUDGET COVERING GOVERNMENT CONTRIBUTION

(In U.S. Dollars)

Country: Liberia
Project No: LIR/74/001/A/01/42
Title: Assistance to the Ministry of Planning and Economic Affairs

10. Project Personnel	Total	1974	1975	1976	1977
11. Professional Staff	m/m \$	m/m \$	m/m \$	m/m \$	m/m
11.01 Senior Counterpart to Project Manager	42 20,300✓	6 2,900	12 5,800	12 5,800	12 5
11.02 Counterpart to Project Manager	36 15,000✓	-	12 5,000	12 5,000	12 5
11.03 Counterpart to Project Manager	36 15,000✓	-	12 5,000	12 5,000	12 5
11.04 Senior Counterpart to Sectoral Planner	36 12,600✓	-	12 4,200	12 4,200	12 4
11.05 Counterpart to Sectoral Planner	30 36 9,000✓	-	6 1,800	12 3,600	12 3
11.06 Counterpart to Sectoral Planner	24 7,200✓	-	-	12 3,600	12 3
11.07 Senior Counterpart to National Accounts Adviser	36 12,600✓	-	12 4,200	12 4,200	12 4
11.08 Counterpart to National Accounts Adviser	30 9,000✓	-	6 1,800	12 3,600	12 3
11.09 Counterpart to National Accounts Adviser	24 7,200✓	-	-	12 3,600	12 3

	<u>Total</u> m/m \$	<u>1974</u> m/m \$	<u>1975</u> m/m \$	<u>1976</u> m/m \$
11.10 Senior Counterpart to Rural/Regional Development Adviser	36/ 12,600/	-	12 4,200	12 4,200
11.11 Counterpart to Rural/Regional Development Adviser	30/ 9,000/	-	6 1,800	12 3,600
11.12 Counterpart to Rural/Regional Development Adviser	24/ 7,200/	-	-	12 3,600
11.13 Professional Staff at MPEA Planning Section	54,800/	7,829	15,657	15,657
Sub-Total	191,500/	10,729/	49,457/	65,657/
15. Non-Professional Staff				
15.01 Administrative Officer	42/ 14,700/	6 2,100	12 4,200	12 4,200
15.02 Two Secretaries @ \$3600 p.a.	78 23,400/	6 1,800	24 7,200	24 7,200
15.03 Two drivers @ \$800 p.a.	78/ 5,200/	6 400	24 1,600	24 1,600
15.04 One messenger	42/ 2,100/	6 300	12 600	12 600
Sub-Total	45,400/	4,600/	13,600/	13,600/
19. COMPONENT TOTAL	236,900/	15,329/	63,057/	79,257/
30. TRAINING COMPONENT:				
30.01 Salaries for seven fellows @ \$4,200 p.a.	56,700			
39 Component Total	56,700/			
40. EQUIPMENT COMPONENT:				
41. Expendable Equipment				

	<u>Total</u> m/m \$	<u>1974</u> m/m \$	<u>1975</u> m/m \$	<u>1976</u> m/m \$	<u>1977</u> m/m \$
Office Supplies, Stationery, etc	5,000				
42. Non Expendable Equipment					
Furniture, Typewriters and other office equipment	20,000				
49. COMPONENT TOTAL	25,000 /				
20. MISCELLANEOUS					
21. Office space, utilities car maintenance, etc	75,000				
29. Component Total	75,000 ✓	15,329 ✓	63,057 ✓	79,257 ✓	
GRAND TOTAL	393,600 /				

RECORDS CONTROL
JUN 20 1974

Mr. W. Iversen, Deputy Chief
Physical Resources Section, AMEB/OTC

17 June 1974

Mr. Norbert Falzon, Officer-in-Charge
Resources and Transport Division

C.H. Smith, Technical Adviser
Cartography Section, RTD

ERTS Programme - Bangladesh

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1. Our memorandum of 12 June 1974 with regard to Chapter III of the March 1974 report of Mr. F.Z. Kutena was written without benefit of the information contained in Mr. Kutena's memorandum (undated) to the Resident Representative, his letter of 3 October 1973 to Mr. Basu and his memorandum of 5 April 1974 to the Resident Representative, copies of which were received from Mr. Fano, RTD, on 14 June 1974 and which are returned herewith.

2. The proposal as described in the Planning Board's submission for Government approval (PCII) is for a very modest establishment based on the availability of Earth Resources Technology Satellite (ERTS) data from NASA in the United States. It aims at the establishment of a central unit to co-ordinate activities, to maintain appropriate records, to store data and to organize training of professionals from interested government agencies. This minimum establishment will function equally well when a regional receiving station is established for the Far East and is considered to be within the limited capabilities of the country for staffing and financing as an on going facility at the end of the proposed UNDP project.

3. It is noted that the project is listed at Annex III to the Country Programme as a reserve project but it is understood that due to programme "slippage" there is a good chance for its inclusion in the programme next year providing the Government of Bangladesh so requests.

4. The writer has some slight familiarity with the ERTS proposal since it formed part of a comprehensive aerial photography, mapping and remote sensing proposal which he helped formulate while serving on a UNDP/IBRD advisory team in East Pakistan immediately prior to the outbreak of war in 1971. It is understood that the Canadian International Development Agency is now actively considering the aerial photography portion of that proposal.

5. It might also be noted that arrangements are being made by the Cartography Section, working with the Outer Space Affairs Division, for a UN seminar on the cartographic applications of outer space imagery to take place in Brazil this year. Information gained at that seminar will undoubtedly be helpful in respect to the Bangladesh project.

6. It is recommended that if approved the project be assigned to UN/OTC as the executing agency.

cc: Mr. E. Fano, RTD

/nir

Mr. Nicolas V. Gleboff, Acting Deputy Director
Europe, Latin America and Interregional Projects Branch

11 April 1974

TE 210 (3) IBRD

Mr. Paul Castalet, Officer-in-Charge
Development Planning Advisory Services, CDPPP

F. J. van Hoek, Inter-regional Adviser
Development Planning Advisory Services, CDPPP

HAITI - Assistance technique au secteur transports
HAI-74/006/N 01/42

1. This seems to be a completely new project as far as one can judge from the available documentation and the project summary. The only thing this new project has in common with the Haitian country programme is the requested UNDP contribution of \$600,000. This amount is indeed equal to that foreseen for project HAI/72/008 which was included by the Government of Haiti as a priority project in the list of projects to be taken into account if additional finance would become available. From the project summary one understands that IDA has taken over in the meantime project HAI/72/008 or at least is considering doing so. Thus, according to the official Government request, project HAI/72/008 being only optional, it would be necessary to check whether funds are readily available in the Country Programme and in sufficient quantity for financing the whole project by sub-contracting.
2. As far as substance is concerned, it seems indeed highly desirable in a country that reserves some 30% of its investment budget for transport, that the responsible Ministry or Authority be equipped with an excellent planning unit. The question to be raised, however, is how does this unit (still to be created) fit in with the other organizational changes in the transport sector as well as what its relations will be specifically with the Ministry of Transport and the CONADEP as both organizations seem to be designated as the coordinating agent for this project.
3. Finally, as IBRD is already heavily involved either as Executing or as leading agency for specific road studies, construction and maintenance, it may be questioned whether or not it is a good policy, to designate again IBRD as Executing Agency or whether subcontracting could be done directly by UNDP. This might not only speed up matters, but would also prevent one and the same agency being simultaneously responsible to assist the Government in fixing its priorities and for evaluating various transport development projects retained by the Government from the balance point of view.