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RESEARCH PROJECTS - General

1975/77

Vol. VI



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Research Projects - General 1975 / 1977 Correspondence - Volume 6

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CLOSE - OUT SHEET

This file is closed as of October 31, 1977.

For further correspondence, please see Volume VII.

RECORDS MANAGEMENT SECTION

Mr. Montek S. Ahluwalia, DRC

October 31, 1977

Orville F. Grimes, Jr., VPD

Completed Research Projects

1. In discussions with you and from the receipt (and non-receipt) of recent status reports, we have ascertained that a number of the research projects under your supervision are completed. You and I have agreed on the need to prepare completion reports for each of the projects in question. They are listed below:

- 670-84 ("Growth, Employment and Size Distribution of Income")
- 670-85 ("Urban Income Distribution in Latin America")
- 670-94 ("Employment and Income Distribution in Malaysia")
- 671-39 ("Price Intervention in Agriculture")
- 671-41 ("Indirect Estimation of the Size Distribution of Income")

2. Completion reports were originally requested for two of these projects (670-84 and 670-85) last June. Since then, as you know, we have issued a revised form, copies of which are attached.

3. We would appreciate receiving the filled-in completion reports no later than Wednesday, November 30. Thank you.

Attachments

cc(w/o att): Messrs. Duloy,

cc(w/o att): Mr. Duloy, Ms. Stout

OFG:grimes:tqr *of*

RES. - GEN.
yellow

OFFICE MEMORANDUM

TO: Research Committee Members

DATE: October 27, 1977

FROM: Orville F. Grimes, Jr. *OG*SUBJECT: Meetings on October 7 and 19, 1977

1. Present at the October 7 meeting were Messrs. B. King, Balassa, de Vries, Dubey, Jaycox, Lerdaу, Little, van der Tak, Vergin, Waide, Grimes and Choksi. Mr. Stoutjesdijk was present for the review of the City Study Steering Group report. Attending the meeting of October 19 were Messrs. Chenery (Chairman), de Vries, Dubey, Jaycox, B. King, Lerdaу, Little, Vergin, Waide, A. Ray, and Grimes, with Mr. Lethem present for further discussion of the proposal on textbooks.
 2. Mr. King reported that the group convened under the direction of Professor Albert Fishlow to review Bank research on income distribution and employment (RAPIDE) concluded its initial round of meetings on October 12. Working relations among members appeared to be harmonious. Members have volunteered for individual jobs, including visits to Malaysia and Chile to obtain a user's perspective on the effects of specific Bank research. The group will next meet on December 13, by which time Professor Fishlow will have made at least one further visit to the Bank. It appears feasible for preliminary findings to be reviewed before this year's annual report on research is distributed to the Board.
 3. As to the issue of the proper size of the overall research budget, an approach suggested by Mr. Chenery would be for a sub-group of the Research Committee to consider the issue and make a recommendation. The first concern would be to determine what the actual pattern of research expenditures has been; whether, for example, demand and supply have been in balance.
 4. From a table distributed at the second meeting, an unaccustomed stringency now appears to characterize the research expenses anticipated for FY78. If all presently known future submissions were to be approved, the program would be about 20 percent overbudgeted, compared with normal overprogramming of 10 to 15 percent. Efforts will be made to identify portions of existing FY78 authorizations that might, without loss, be reallocated to FY79.
- "Strategic Planning to Accommodate Rapid Growth in Cities of Developing Countries ('The City Study')", No. 671-47: Statement of Objectives and Policy Questions
5. At the October 7 meeting the Committee considered a brief statement on the objectives of this research project and the policy questions to be addressed, as requested of the project

sponsors at the June 24 Research Committee meeting. In preparing this statement, the sponsors had met individually with virtually every member of the Steering Committee, incorporating their views to the extent necessary.

6. Committee members recommended that the original budget and time frame of the project be approved, on the understanding that they be kept closely informed of progress by the Steering Committee. Several members felt that the section dealing with the public sector still tried to encompass too many dissimilar themes. One of these members further suggested that additional thought should be given to extracting a number of specific policy issues from the range of questions it would be possible to address on the workings of the housing market. Several other members did not see much connection between the original June proposal and the present list of questions.

A General Algebraic Modeling System (GAMS)

7. The Committee agreed with the review panel that since specification of most current models follows no disciplined form, GAMS could help make modeling activities in the Bank far more useful. Tangible benefits from automating additional steps in the formulation and solution of a model would be reductions in manpower and computer costs. Improved understanding would perhaps be an even greater benefit. The modeler would be forced to specify more closely the relations being modeled, increasing his own knowledge of the model's structure and reducing errors; and strangers to the process would have easier access to the model at a later date. Noting that the sponsors had agreed to a review after one year and had submitted a list of interim output, the Committee recommended approval of the first year of work. Consideration would be given at a later stage to the conditions under which the output could best be placed in the public domain.

Small-Scale Enterprise Development

8. Review panel members had been satisfied that this program of research was likely to shed light on several operationally important questions. On the strength of its recommendations, the Committee was inclined to accept the proposal as presented. Signatures of approval had been obtained from the South Asia and East Asia Regions and from the Industrial Development and Finance Department, and approval from the Government of India for the full-scale survey work and case study in that country was regarded as likely. A major remaining issue was the level of Bank supervision after the departure in April 1978 of Ian Little. Committee members were told that Dennis Anderson would be the central Bank supervisory figure, on a nearly full-time basis, from that time through at least the end of Phase I. Their support for the proposed study was predicated on this assurance.

9. In reply to a query whether the Regions would be reimbursed for travel expenses in conjunction with the project, Mr. Anderson in a subsequent note indicated that for the case studies in India and the Philippines, travel and expenses of Regional staff members would indeed be charged to the project. No allowance had been made for travel of Regional staff to Colombia, but since the amount is rather small the sponsors planned to draw on contingency funds for this purpose.

The Influence of Books on Learning

10. Clarification was requested at the October 7 meeting of the relation between the experiments proposed for Nicaragua and work recently approved for that country under the "Educational Radio" project (No. 671-54). The Nicaragua Radio Mathematics Study has been establishing two groups, one exposed to radio and one not, with the radio group in grade 1 further split. In addition to a control group of 20 classrooms, there will be 40 classrooms with radio, half with worksheets (but not books) the entire year and half with worksheets two-thirds of the year. As indicated in an October 17 memorandum from the project sponsors, the proposed research would add 20 "book" classrooms. An essentially similar arrangement is proposed for grade 4. On this basis, Committee members at the October 19 meeting recommended approval of the proposed textbook study.

"Management and Organization of Irrigation Projects" (No. 671-34)

11. As this supplementary request had not been given a panel review, the Committee at the October 7 meeting found it difficult to judge whether the concerns expressed by the March 1977 review panel had been met. A more specific question was whether the sources of additional advice proposed (i.e., the country study teams) were adequate to meet the objectives of this component of the project, or whether, instead, a team of experts from one or two developing countries should supplement or replace some of the groups proposed. With the Bank project supervisor absent on leave, a telephone canvass was conducted of the panelists who reviewed the earlier version of this proposed supplement. Those who responded were generally satisfied that useful insights on evaluating and comparing the management and organization of irrigation projects would be obtained from the study as outlined, and that a search for additional study teams at this point would not be productive.

12. The prevailing sentiment of Committee members at the October 19 meeting, however, was that three simultaneous attempts to arrive at a conceptual framework in an area with so little received wisdom might not be the most useful way to narrow the focus of the project. Instead, the suggestion was made that a smaller group--perhaps two or three people--could subject the preliminary ODI report when it is received to an extensive critical review. This review would deal primarily with "... the utility of the evaluation methodology developed by (ODI)" (para. 3.i, memorandum from F. Hotes to O. F. Grimes, August 31).

Suggestions for alternative conceptual approaches, to the extent regarded as desirable, would be encouraged. When this group is selected, its terms of reference defined, and the relationship established between its work and the proposed integrative workshop, a budget should be submitted to the Research Committee Secretary for consideration by the Committee.

"Social Accounts and Development Models" (No. 671-27):
Proposal for Conference

13. In recommending approval of the proposed conference in England, the Committee noted that persons having already built a SAM or with a fair amount of first-hand experience were heavily represented among the proposed attendees. Further attempts should accordingly be made to include representatives of planning commissions or other potential users from developing countries, in addition to critics and model builders as yet unfamiliar with the SAM framework. This would lead to recommendations and suggestions for future work derived in larger measure from the record of experience to date about the usefulness of SAMs.

Socio-Economic Aspects of Fertility Behavior in Rural Botswana

14. This study would, in its first stage, explore the Botswana Rural Income Distribution Survey data to produce socio-economic correlates of the distribution of rural income and wealth. Broad support was expressed in the review panel and by Committee members for this portion of the research. Although the second stage multivariate analysis of fertility behavior was regarded as much riskier, the opportunity to apply time allocation models to such a potentially rich body of data probably made the risk worth taking. Panel recommendations for an advisory panel and mid-term review were accepted. The latter will be conducted in about May 1978, and will result in cancellation of the project if further data manipulation is not felt to be useful. The Research Committee, meanwhile, is to be kept fully informed of progress.

"A Comparative Study of the Sources of Industrial Growth and Structural Change" (No. 671-32)

15. Leading the discussion of this supplementary request, Messrs. B. King and de Vries noted the review panel's unanimity that the program proposed for completing the current phase of the project was satisfactory. With the data base nearly established, work can now focus more intensively on how the results relate to the policies followed in each country. The request for additional funding was consequently approved.

India -- Impact of Agricultural Development on Employment and Poverty: Phase I

16. The panel that reviewed this proposal had accepted the idea of a separately funded initial phase of project formulation. Panel members also believed that a more specific set of questions and issues could usefully be formulated now, since in their estimation the proposal had not done justice to the sponsors' awareness of specific hypotheses which they intended eventually to test. Some views from the literature on Indian agricultural development had been assembled, but their diversity still admitted to a wide range of possible issues on which to concentrate. One Committee member added that, as with similar previous examples, an opportunity for Bank staff to become more familiar with current controversies about Indian agriculture was being lost by arranging for the literature and data sources to be reviewed by consultants.

17. Committee members recommended approval on the understanding that arrangements for coordination with the Region and CPS following the review panel suggestions (page 2, ii) be made as soon as possible during Phase I. As this phase is the entering wedge which, if successful, will lead to a large project, close coordination with operating staff is particularly important from the beginning of Phase II onward, when the Region will become much more active in monitoring progress. Continuity within the Bank after the departure of Professor Srinivasan is also required if the project is to be completed successfully.

"Appropriate Technology for Water Supply and Waste Disposal"
(No. 671-46): Diffusion Study

18. The proposed study by an experienced researcher seemed an attractive means of determining the importance of sociological factors in the choice of technology. There was some disagreement whether "guidelines for the design of future projects" (para. 9, 2 of the October 11 submission) would in fact emerge, but none that making the effort was worthwhile. As the project sponsors have indicated that the \$27,700 "contingency" is quite likely to be committed during FY78, the funding proposed was approved as an addition to the FY78 authorization.

"Standards of Reliability of Urban Electricity Supply"
(No. 670-67)

19. This request to complete the work begun in September 1976 was approved as presented.

OFGrimes:nf

cc: Messrs. Chenery
Balassa
de Vries
Dubey
Holsen
Jaycox
B. King
Lerdau
Little
Picciotto
van der Tak
Vergin
Waide
Lethem
A. Ray
Stoutjesdijk

Mr. Hollis B. Chenery

October 26, 1977

Orville F. Grimes, Jr.

Abstracts 1977: Clearance of Drafts

All drafts of this year's Abstracts booklet were cleared with project supervisors in July and early August prior to submission to the Publications unit about the third week of August. I sent a note in early September (attached) reminding supervisors through their administrative officers that minor changes could still be incorporated until the end of September. We did receive a few such changes, principally in completion dates, which have been incorporated in the galleys you saw earlier this week. We also know of one case (the Natural Resources project) in which some modifications in the substance of the narrative are being considered; we will wait for notification of these changes before returning the galleys for further processing. Otherwise, though, to our knowledge the project monitors are satisfied with the present drafts.

OFGrimes:nf

Attachment

cc: Messrs. B. King
Stoutjesdijk

October 26, 1977

Mr. Robert Steel
Secretary-General
The Royal Institution of
Chartered Surveyors
29 Lincoln's Inn Fields
London WC2A 3DG
England

Dear Mr. Steel:

Please find enclosed a sample of Bank research on problems of land tenure, market operations, and public policy in cities of developing countries. This material also includes our most recent organization chart, which should amplify somewhat our discussion of last evening, along with the Annual Report for 1977 of the Bank and its affiliates.

I much appreciated Mr. Denman's initiative (to whom please convey my best regards of giving me the opportunity to meet briefly with you and Mr. Franklin. There will no doubt be further occasions in the future, here or in England, to pursue matters of mutual interest. In the meantime if I can be of further assistance, please let me know.

Yours sincerely,

Orville F. Grimes, Jr.
Secretary to the
Research Committee
Development Policy

Enclosures

OFGrimes:nf

Res - General

October 25, 1977

Mr. Claudio de Moura Castro
Technical Coordinator
Programa de Estudos Conjuntos de
Integracao Economica da America Latina
Caixa Postal 740
Rio de Janeiro, Brasil

Dear Claudio:

The research project, co-authored with Dean Jamison, has now been approved by the Bank's research committee. We are ready to begin Stage I.

In Stage I we will be searching for already-collected data sets for information related to books and any other printed materials which may contribute to academic achievement. A copy of the proposal is being sent to you separately.

I know that ECIEL collected no direct information on the number of textbooks available per child. Nevertheless, your questionnaires do ask for information on:

1. Whether the school provides free textbooks;
2. Whether the school has a library;
and if so,
 - (a) the number of books in it;
 - (b) the number of books out on loan;
 - (c) whether a librarian is available
3. The number of books the teachers have read recently;
4. The number of books in the homes of the children;
5. Whether, at home, the children have access to a dictionary or to a newspaper.

What I would like to know from you is:

- (i) How reliable are the responses to these questions?

Mr. Claudio de Moura Castro

October 25, 1977

- (ii) Do you or any of your ECIEL colleagues have ideas on the feasibility of constructing a "reading access" index from these items?
- (iii) Would you or one of your colleagues like to work with me in analyzing this information and other information on the influence of social background?

A trip to different parts of Latin America this March is possible. In coming to Rio (and elsewhere), I would be pursuing answers to questions (i), (ii), and (iii). If the answers are yes, I would then include the analyses as Part II of the research proposal and submit this second part to the research committee in June.

Advice would be welcome.

Best wishes,

S. H.

Stephen P. Heyneman
Sociologist/Educator
Education Department

cc: Mr. Dean Jamison

SH:th

Mr. Hollis B. Chenery

October 25, 1977

Orville F. Grimes, Jr., VPD

"Abstracts", 1977

I attach herewith the galleys of the booklet "World Bank Research Program: Abstracts of Current Studies". Since this is our last opportunity to make changes, I would appreciate any comments you might have as soon as possible, preferably by next Tuesday, November 1.

Thank you.

OFG:mf

cc: Mr. B. King (w/o attachment)
Mrs. Hazzah ("*****")

Files

October 19, 1977


Orville F. Grimes, Jr., VPD

Research Budget FY77:
Incorrect Attribution of Charges

As indicated in the attached note, FY77 disbursements on the final P and B computer printout show \$3,000 under project 671-41 that should have been attributed to 671-42. The necessary adjustments have been made in our records, and should also be recorded by the project supervisors.

Attachment

cc (w/att.): Messrs. Ahluwalia, Egbert
Ms. Trenchi, Ms. Stout
(w/o att.): Mr. Durrani

OFGrimes:gm 

OFFICE MEMORANDUM

TO: Mr. Orville F. Grimes , Jr., VPD

DATE: October 10, 1977

FROM: A. M. Durrani, P & B *AMD*

SUBJECT: Misplaced Consultant Fees

1. Reference is made to the disbursement of \$3000 under External Research Project 671/41 for the consultant McLaughlin under commitment no. XV8374 and voucher no. G07014 of June 17, 1976.

2. The above commitment number is for the consultant McLaughlin whose work was limited to the External Research Project no. 671/42. However due to a coding error, the amount was disbursed under project no. 671/41. Due to last minute rush of work, the misplaced expense could not be transferred to the correct project no. and hence the computer printout for June 1976 still shows the disbursement under project no. 671/41. In any accounting of the external research projects, a hand transfer of this amount from project 671/41 to 671/42 will reflect the correct balances and such transfer is therefore recommended. Please note that the transfer has no effect on the total External Research accruals.

cc: Mr. Murias, Controller's Dept.

AMD:di

Mr. Heinz Vergin, PAB

October 18, 1977

Benjamin B. King, VPD

Signed B. B. King

Research Budget - Control of Expenditures

I attach some correspondence of about a year ago:

- (i) King to Mitchell : 8/30/76 (w/o attachments)
- (ii) King to Mitchell : 9/3/76
- (iii) Mitchell to King : 9/8/76
- (iv) King to Adler : 9/13/76

It raises the question of how we control research expenditure. As a member of the Research Committee, you will shortly become acquainted with a case, which may horrify you wearing your budgetary hat (or maybe both). My question in the last of the above memos still stands.

Attachments

cc: Mrs. Cleave
Mr. Grimes

BBKing:gm

Mr. John Adler, P & B

September 13, 1976

Benjamin B. King, VPD

Research Budget - Control of Expenditures

1. A recent incident has brought to light something of a problem in the control of expenditure on projects financed under the "External Research" budget. Before the end of FY76 the supervisor of a research project informed us that there would be an overrun on this project (671-14). Our rule is that, ceteris paribus, overruns are to be financed by the overrunning department - otherwise we clearly have no sanction.

2. In this case, after hearing the circumstances, we agreed with the supervisor that the overrun would be split between the research budget and the Transportation Department which was the one involved. However, at a subsequent meeting between representatives of the Transportation Department and P & B, the former refused to accept responsibility for their share and this refusal was acceded to by the P & B representative. We were not consulted; we were presented with a fait accompli.

3. The amount involved was not such as to cause concern, but the implications for control of the external research budget, for which we bear ultimate responsibility, have certainly given me pause. I accordingly wrote the attached memorandum of September 3 to Tom Mitchell; in reply he sent me his memorandum of September 8 (also attached). He seems to be surprised too.

4. Where do we go from here?

Attachments

cc: Messrs. Gabriel*
Mitchell*
Blaxall
Grimes*
Mrs. Cleave

* without attachments

BBKing:gm

OFFICE MEMORANDUM

TO: Mr. Benjamin B. King, Office - VP, Dev. Policy

FROM: Thomas Mitchell, Controller's

SUBJECT: Research Budget - Control of Expenditures

DATE: September 8, 1976

This is in response to your memorandum to me of September 3, 1976.

I believe that it would be more appropriate for you to discuss your problem with the Programming and Budgeting Department. The Administrative Expense Division is responsible for processing payments of administrative expenses, but we have no responsibility for monitoring payments in relation to budget allocations or for recording commitments in the administrative expense commitment system.

I am surprised that the existing commitment system does not provide the required control of expenses - which I understand is one of the basic purposes of the system.

If we can be of assistance in some other way, do not hesitate to call.

cc: (with incoming memo)
Messrs. Gabriel
English
File 6

TMitchell/vlb

Mr. T. Mitchell, Controller's

September 3, 1976

Benjamin B. King, VPD

Research Budget: Control of Expenditures

1. Analysis of the FY76 budget performance of projects in the research program shows that, as in previous fiscal years, disbursements and accruals have exceeded authorizations for a few projects. Although our thrice-yearly status reporting is a useful early warning device in some cases, it has not in practice been possible to undertake a full accounting of total expenditures, including over- or underdisbursement against existing accruals, until the fiscal year is completed and records closed.

2. There would consequently seem to be a strong case for instituting a mechanism whereby expenditures on research can be more tightly controlled throughout the year. For completed projects and some others without current funding, we can certainly ask, as in my memorandum to you of August 30, that you not accept further commitments. But this is clearly after the fact; what is needed is a mechanism for comparing requests for commitment or disbursement against budget authorizations as these requests are received. We would be happy to discuss with you how to institute such a mechanism. An obvious possibility would be for your staff not to accept claims for disbursement against a project, if they exceed the authorization for that project; and to inform us when this is done.

cc: Messrs. Blaxall
Grimes
Korolevich

OFGrimes:gm

Mr. T. Mitchell, Controller's

August 30, 1976

Benjamin B. King, VPD

Research Program: Closure of Commitments

The attached list shows research projects that have exhausted their funding. Most are completed; the rest are in the final stages of report writing. None is authorized to make commitments for FY77 or to disburse against amounts granted in prior years. We would accordingly appreciate it if you would decline to accept further commitments or requests for payment under these projects.

Attachment

cc: Mr. Korolevich
Mr. Panickaveetil
Mr. Lowther
Miss Gary
Mr. Rathnam
Mr. Bates
Miss Peter
Mr. Gomez
Mrs. Hazzah
Mr. Grimes

OFGrimes:gm

<u>Charge Code</u>	<u>Project Title</u>	<u>Responsible Department</u>
670-01	Development Strategies in Semi-Industrial Countries	Development Research Center (DRC)
670-02	Country Programming Study: Chile	DRC
670-03	Patterns of Demand & Savings in the Development Process	DRC
670-04	Study in Multi-Level Programming: Ivory Coast	DRC
670-05	Cross-Section Analysis of the Development Process	Economic Analysis & Projections (EPD)
670-07	International Model	EPD
670-08	Project Appraisal & Shadow Prices	Office V.P., Project Staff
670-09	Size Distribution of Income	DRC
670-10	Survey of Economy-Wide Planning Models	DRC
670-11	Prospects for Jute & Competition from Synthetics	EPD
670-12	Reappraisal of Credits for Financing Farm Mechanization in Pakistan	Agriculture & Rural Development, CPS (AGP)
670-13	Evaluation of Alternative Methods for Specifying Agricultural Sector Development Strategies: Portugal & Brazil	AGP
670-15	Agriculture Research & Productivity Changes	Development Economics (ECD)
670-16	Agricultural Sector in Mexico	DRC
670-17	Livestock Simulation Model	AGP
670-18	Rural Development in Africa	East Africa
670-19	Expansion in Manufacturing for Exports in Developing Countries	ECD
670-20	Industrialization & Trade Policies for the 1970s	ECD
670-21	Export Promotion & Preferences: India	ECD
670-28	Measurement of Road Width/Vehicle Speed Relationships	Transportation, CPS

<u>Charge Code</u>	<u>Project Title</u>	<u>Responsible Department</u>
670-30	Impact on Port Congestion of Ship Rescheduling	Transportation, CPS
670-31	Promotion of Road Construction Industry in Developing Countries	Transportation, CPS
670-32	Compilation of Highway Design Standards	Transportation, CPS
670-33	Railway Traffic Costing Study	Transportation, CPS
670-34	Urban Transport & the Automobile	Transportation, CPS
670-35	Criteria for Choice between Electricity & Diesel Traction in Project Evaluation	Transportation, CPS
670-36	Property Values & Water Supply	Energy, Water, and Telecommunications, CPS
670-37	Village Water Supply	Energy, Water, and Telecommunications, CPS
670-38	Analysis of Problems & Issues in Village Electrification	ECD
670-39	Pricing & Investment in Electricity Supply	ECD
670-40	Economic Models of Internal Migration	ECD
670-41	The Urban Data Needs of the World Bank	ECD
670-42	Professional Structure in Southeast Asia	ECD
670-46	Cost Effectiveness of Alternative Learning Technologies in Industrial Training	Education, CPS
670-47	Costa Rica Employment Survey	ECD
670-48	Economic Issues of Health	ECD
670-49	International Hotel Comparison	Tourism, CPS
670-50	Mechanization in India: Its Extent & Effect on Hired Labor	AGP
670-51	Survey of Non-Formal Rural Education	Education, CPS
670-54	Employment & Capital-Labor Substitution	DRC
670-69	Growth & Income Distribution in Brazil	DRC

<u>Charge Code</u>	<u>Project Title</u>	<u>Responsible Department</u>
670-70	Urban Public Finance & Administration	ECD
670-72	Study of Irrigation Water Charges	AGP
670-74	Analysis of Income & Consumption (ECIEL)	DRC
670-75	Rural & Urban Public Works	ECD
670-76	Pricing & Investment in Telecommunications	Energy, Water, and Telecommunications, CPS
670-77	Financing of Small Scale Industry	ECD
670-80	Land Reform in Latin America	ECD
670-81	Comparative Analysis of Resource Allocation in Cocoa Production	EPD
670-82	Seminar on Inflation & Commodity Prices	EPD
670-91	Benefits of Schooling for Workers	ECD
670-94	Employment & Income Distribution in Malaysia	DRC
670-97	Urban & Regional Subsystems in West Malaysia	ECD
671-01	Country Concentration	DRC
671-04	Rural Savings & Investment	ECD
671-12	Reduction in Waste Water	Energy, Water, and Telecommunications, CPS
671-13	Port Pricing & Investment Policies for Developing Countries	Transportation, CPS
671-21	Foodgrain Production in Asia	East Asia/South Asia/AGP
671-22	Raising the Productivity of Small Farms	AGP
671-24	Simulation of Buffer Stocks	ECD

OFFICE MEMORANDUM

TO: Mr. Bela Balassa, DRC (N236)

DATE: October 18, 1977.

FROM: Shamsher Singh, Chief, EPD/CE

SUBJECT: Tentative Work Program on Trade to mid 1979

We propose the following items for possible inclusion in the DPS Work program on trade:

Export Trade of Non Oil Developing Countries

This is a continuing review of the global trade framework and the pattern of trade of these countries (Division Staff).

Intra-LDC Trade: Constraints and Opportunities

Phase I: K. Laursen will write an issues paper on this in connection with the WDR. His first draft is scheduled to be finished in January 1978. Phase II will build upon Laursen's paper. Enzo Grilli, possibly together with K. Laursen, will be responsible for the study (estimated 4 man months EPD/CE professional staff and 1 man month R.A. staff). First draft July 1978; final September 1978.

Processing Primary Commodities in Developing Countries

The study will cover minerals and metals as well as agricultural products. K. Takeuchi and C. Chung will be responsible for it (estimated 6 man months EPD/CE professional staff and 2 man months R.A. staff). First draft August 1978; final October 1978.

Export Performance and Diversification Prospects for the Poorest Developing Countries

S. Singh will be responsible. Planned for FY 78-79. Outline and staffing estimates not yet available.

Sensitivity of Developing Country Exports to High Income Country Growth: A Quantitative Analysis

E. Grilli and A. Schwartz will be responsible (estimated 4 man months EPD professional staff--2 EPD/CE and 2 EPD/IE--and 2 man months R.A. staff); first draft August 1978; final November 1978.

Trade, Inflation and Growth: A Study of the Interrelationships

This study is being planned for FY 78-79. Author and staffing estimates not yet available (an outside person-- possibly an academician on sabbatical leave--could be put in charge). A request for this study was made by a Board member during the discussions on the Prospects paper.

cc: Mrs. Hughes/Mr. Cheetham
Messrs Streeten, Little, Laursen, Avramovic,
Stoutjesdijk, Keesing, Grilli

EGrilli/SSingh:1b

Research Committee Members

October 18, 1977

Orville F. Grimes, Jr., VPD


Additional Items for October 19 Meeting

1. Last week you were sent the revised proposal "Socio-Economic Aspects of Fertility Behavior in Rural Botswana," which, along with the review panel note of October 5, 1977, will be considered at the Research Committee meeting of Wednesday, October 19 (Category VIII.C).

2. Attached you will find two additional items for consideration at the October 19 meeting. One is a note from the sponsors of the proposal to study the effects of books on learning, which describes the background and design of the Nicaragua component. The other is a supplementary request under the project on Appropriate Technology for Water Supply and Waste Disposal (No. 671-46) to examine technology diffusion. An earlier version of the proposed diffusion study was reviewed with other elements of the future work program of this project at the Research Committee meeting of June 24, 1977. At that time it was noted that "...a revised approach to modeling diffusion mechanisms had been prepared following the panel meeting, for review by the project Steering Group and panel members. On their favorable recommendation, this portion of the study would be considered in the normal manner at a forthcoming Research Committee meeting." (minutes, July 1, 1977).

Attachments

Distribution: Messrs. Chenery, Balassa, de Vries, Dubey, Jaycox, B. King, Lerdaun, Little, Picciotto, van der Tak, Vergin, Waide

OFGrimes:gm 

RES. - GEN.
October 17, 1977

Professor Daniel W. Bromley, Co-Editor
Land Economics
7226 Social Science Building
University of Wisconsin
Madison, Wisconsin 53706

Dear Professor Bromley:

Enclosed for your consideration are three copies of a paper by William Doebele, Johannes Linn and myself on the financing of urban services by valorization charges in Bogota, Colombia. This paper outlines the conclusions of two studies undertaken by the World Bank on the financial and economic feasibility of this method of improving service networks in cities of developing countries. Having benefited from the earlier conceptual treatment of valorization by William Rhoads and Richard Bird (Land Economics, November 1967), we felt that our empirical analysis of many of the issues and hypotheses they raised might be of interest to your readers.


We regret that the paper is somewhat longer than the stated maximum for main articles. We have tried our best to extract the essence from longer papers (references 3 and 10), each over 80 pages, on which this paper is based. However, if the reviewers feel that further pruning is necessary, we would be willing to attempt it. In a later version we would of course include a camera-ready copy of the figure on page 25. The paper has neither been published nor is being considered for publication elsewhere.

We appreciate your consideration and hope to hear from you soon.

Sincerely,

Orville F. Grimes, Jr.
Secretary to the
Research Committee
Development Policy

Enclosures

OFGrimes:gm 

Members of the Research Advisory Panel
on Income Distribution and Employment

October 10, 1977

Orville F. Grimes, Jr., VPD

The Research Committee: An Informal Early History

1. This memorandum outlines the rationale and origins of the Research Committee, established in April 1971 to guide the conduct of research in the Bank. While the coverage is selective and treatment of each topic is brief, this account may provide a basis for more detailed discussions with participants in the events described.

Antecedents

a. 1968 Review by Orcutt

2. One of the earliest reviews of Bank research, prepared by Professor Guy Orcutt in 1968, took the view that the Bank should be doing a great deal more research than it was then doing. A five-year target budget of \$10 million per year was recommended as both feasible and "as small as should be considered reasonable." "If the Bank doesn't have the responsibility, the resources, and the opportunity to carry out and promote (inductive and applied research along with needed research tool building), then who does?" 1/ In its simplest form the principal contention of the paper appears to be that (a) the Bank needs knowledge to formulate intelligent policy; and (b) research can supply that knowledge.

3. Another suggestion of the Orcutt review was that since research in the Bank was then scattered among Area, Project, and Economic Departments, there was need for further consolidation of research activities. One wonders whether this conclusion followed from a more all-inclusive perception of research than was (and is) generally accepted in the Bank, in which the analytical work of operational units is regarded more as support of country programs and projects than as research. Already, in fact, most staff engaged in research on the narrower definition had been grouped in departments which devoted a significant portion of their resources to research. This paper called attention to the inefficiencies from duplication of effort, failure to

1/ Guy H. Orcutt, "Research and the World Bank," May 6, 1968, p. 10.

initiate research on high priority topics, and inadequate contact with users among departments conducting research. However, it seems to have contributed little to later attempts to coordinate research on a Bank-wide level.

b. Economics Department Research Committee (1969)

4. A subsequent attempt to improve the coordination of research was the formation in January 1969 of a Committee of nine members, drawn mostly from operating departments, to advise on the research program of the Economics Department of the Central Economic Staff. Chaired by Andrew Kamarck, the Economics Department director, this Committee was established so that operational departments would "...be familiar with the (Economics Department research) program and make a contribution to its periodical assessment and to the general direction of the research effort." Responsibility for planning and carrying out research remained with the Economics Department.

5. Though such a judgment is undoubtedly easier with hindsight, it seems evident that given its mandate as an advisory rather than a review body, the success of the Economics Department Research Committee depended critically on the quality (particularly the level of detail) of the documents it was asked to examine. In the event, the Committee met three times during 1969 to discuss the future research programs of individual Divisions. These were presented as a series of brief statements about the need for research on selected topics. On this basis Committee members found it difficult to comment in depth on specific proposals, and on probably more than one occasion, "questions regarding the details of methodology and content were raised, but the Committee felt this should be left to the researchers to decide." ^{1/} Advice to the research sponsors thus consisted primarily of requests to give more weight to some topics and de-emphasize others. Little scope could have been expected for setting down guidelines on how the studies could have best been carried out.

^{1/} Review of research program of Economics of Industrialization Division, July 29, 1969, p. 3.

c. Pearson Commission Report (1969)

6. During this period the report of the Pearson Commission was issued. It suggested that multilateral lending agencies should begin to finance research projects on a larger scale than hitherto, and recommended that the World Bank (as well as the Regional Banks) "pay greater attention to problems of research and development in their country studies and should themselves identify needs for scientific and technological research. Increased involvement in, and support of, such research activities will considerably strengthen the capacity to formulate projects in agriculture, education, and urban services, which take full account of the specific needs of the country." 1/

d. Review of Progress (Balassa, 1971)

7. In October 1970 Hollis Chenery was appointed Economic Adviser to the President and initiated a review of the research program. A comprehensive review ("Economic Research in the Bank," January 1971, prepared by Bela Balassa) went beyond previous efforts by suggesting that individual research projects be appraised in terms of their relative costs and benefits, describing the requirements of a coordinated research program, and evaluating each of the studies undertaken in the Central Economic Staff. Employment, planning, trade policy, and other new areas of inquiry were proposed to the two research departments (the Development Research Center and the Economics Department) with a comparative advantage in their design and execution. These departments would prepare research proposals which should have the support if not the active participation of operational departments, which would also participate in the selection and review of proposals and in evaluation

1/ pp. 205-206

of completed research. 1/ The report concluded that "Responsibility for setting research priorities, approving the overall research program, and establishing a review process on research should be entrusted to an Economic Research Committee chaired by the Economic Adviser to the President." 2/

Research Committee: Scope of Activities

8. This section briefly describes the birth and early development of the Research Committee, and touches upon its subsequent evolution. The coverage is limited to a few themes raised when the Committee was established and dealt with at various times during its formative period. Since these themes are also taken up in the successive Annual Reports on Bank research, especially the last two, the discussion does not extend much beyond early 1974.

a. Objectives and Purpose

9. Consistent with the recommendation of the Balassa review, a Bank-wide Research Committee was established in April 1971. A general set of guidelines was prepared in Mr. Chenery's memorandum of March 1971 (Annex 1); these were subsequently adopted by the Committee. While in size

1/ p. 22. Research departments of the Central Economic Staff were encouraged to improve cooperation with each other as well as with operational units. An illustration cited in the report was the Basic Research Center (now the Development Research Center), established in 1969, whose major research projects in the first 18 months of operation were undertaken by outside academics. The work of the Center "has to be made more relevant for the Bank's operational activities. This could be accomplished by involving the operational departments in the choice and the implementation of the research projects, by establishing close cooperation between the Center and the Economics and Economic Program Departments, and by making the Center's research program an integral part of the overall research program of the Central Economic Staff." (p. 20).

2/ p. 23.

the Committee has remained at roughly 10-12 members, the composition has varied in response to changes in staff responsibilities, attempts to ensure representation of a broad range of departments producing and using research, and the normal succession of staff each serving for about two years. A list of Bank staff who are or have been members of the Research Committee, with their period of tenure, is attached as Annex 3.

10. It was established at the first meeting of the Committee that its terms of reference were to extend beyond the review of project proposals. "There would be broad responsibility for developing an overall research program, setting priorities and, where necessary, initiating research proposals." (minutes of first meeting, p. 2). An implication of this mandate was that when the administrative arrangements for the research program were in full operation, the Research Committee would review and advise the Chairman on all major studies undertaken with Bank resources. The Committee would consider proposals within a long term program of research, whose estimates of cost would serve as the basis for a yearly review of research and for budget allocations.

11. In its early deliberations the Committee further made a rather careful distinction between research undertaken inside the Bank and that contracted to outside analysts. A note on the role of development research in the Bank discussed at the first meeting of the Committee indicated that at a later date an external committee on development research was also envisaged, to advise on overall priorities and on relations with outside research groups. 1/

12. An informal panel of outside advisers 2/ had met in December 1970 to discuss alternative means for the Bank to coordinate research with agencies in developing countries.

1/ This proposal was discussed with Mr. McNamara at that time, but the establishment of external panels was deferred until programs in the major areas had been in operation for a reasonable period. The first panel (on population) was set up in 1975.

2/ Messrs. G. Ranis, M. Bruno, C. Diaz-Alejandro, W. Falcon, D. Hopper, B. Minhas, T. Watanabe.

This was followed by a conference of directors of research and training institutes in Belgrade (August 1972), jointly sponsored by the OECD Development Centre and the Bank, in which many of the papers presented had been prepared by Bank staff or under Bank auspices. ^{1/} However, as it became clear that projects, even though carried out by others, required at least a critical minimum of Bank design and supervision, the distinction between in-house and outside research became less meaningful.

13. In the first year of operation both the objectives of the Committee and the criteria by which it judged proposals were further clarified. Its functions were seen in May 1972 as (a) recommending an overall research budget and allocating the resources among different subject areas and individual projects; (b) recommending total staff resources to be devoted to research and the distribution within the Bank required for the successful implementation of the research program; (c) monitoring the implementation of such other research objectives as involvement of developing country institutions, liaison with academic institutions and coordination of research with other agencies; and (d) evaluating the Bank research program and individual research projects.

14. The following criteria for consideration of proposals were established: (i) research design; (ii) priority of the subject; (iii) relation of the project to the sector or the general subject; and (iv) the time in which useful results could be expected. An appropriate balance was sought between studies at the basic vs. at the applied end of the spectrum, those more "risky" or less so, and those yielding useful results over the long term or sooner. As to the extent of participation by outside research institutes, the Committee in a May 1973 meeting recognized that lack of Bank staff limited the progress of research in many areas. While not encouraging the submission of unsolicited proposals from outside, the

^{1/} The other topics were multi-level planning models and decentralized decision making, income distribution and employment, and private foreign investment. Suggestions for improving cooperation among research agencies were made in light of a survey of the priority interests of these institutions by Peter Clark, then a Bank staff member.

Committee decided to accept a limited expansion of research conducted by outside institutes, provided Bank staff participated fully in the design and monitoring and that the proposals were judged against the same criteria applied to research conducted by the staff.

b. Sector Reviews

15. At the mid-year review of the FY73 research program, the Committee recognized that a continuing problem was the absence of a broader, long-term framework within which to consider individual projects. One outcome of this concern was the preparation of guidelines for the allocation of funds by sector over the ensuing five years, which were later set out in the first Annual Report on Bank research (November 12, 1973). Another was a series of sector reviews, held from January to April 1973, on the basis of one- or two-year research programs. Attached as Annex 2 are the conclusions of this review, considered by the Research Committee in May 1973, for research on income distribution and employment.

16. At irregular intervals, the Committee has considered overviews of research priorities in particular sectors. A paper on income distribution research discussed at a meeting in March 1975 identified seven categories of research in which the Bank had a potential interest: developing the factual base, developing measures of inequality and social welfare, modelling growth and distribution, modelling a part of the economy, studying isolated relationships, studying the historical experience of growth and distribution, and studying the impact of particular policy instruments. 1/ Aside from suggesting that additional work on data collection or modelling should have a clear policy focus, little guidance was provided by the Committee on the relative emphasis to be placed on each of these categories. One suggestion was that a list of policy instruments that influence income distribution should be drawn up, with assistance from country and project analysts, as a basis for determining the relevant topics amenable to research. An issue not yet resolved from this and subsequent reviews of research on education (October 1975) and urban problems (March 1976) is whether

1/ M. Ahluwalia, "Income Distribution Research: An Overview of Research Prospects", March 1975.

reviews of this sort tend inevitably to produce a broad menu of possible research categories, perhaps admitting all potential studies on an equal footing, or could instead provide a strategy for setting research priorities or identifying promising projects.

17. Research directions for the Bank and others were reviewed in a much broader context during the conference on social science research held at Bellagio in February 1974 and co-sponsored by the Ford and Rockefeller Foundations, IDRC, USAID, and the Bank. The need for coordination of research activities in the form of consultations and exchange of information led to several programs of exchange of reports and project descriptions among major donors. It was also agreed that networks of research agencies could play an important role in financing and carrying out research in developing countries. Participants accordingly decided to hold smaller meetings of subgroups to exchange information on research priorities in these areas, explore possibilities for joint financing, and improve their awareness of externally-financed research being undertaken.

Attachments

cc: Messrs. Chenery, Balassa, B. B. King

OFGrimes:gm

C

THE ROLE OF DEVELOPMENT RESEARCH IN THE WORLD BANK

As the scope of its activities has expanded, the World Bank has taken on a number of new functions, including the conduct of research on development. Hitherto not much consideration has been given to the proper function of research in the Bank or to the role of the Bank in relation to research done elsewhere. The purpose of this memorandum is to suggest guidelines for a systematic program of development research for the Bank.

Relation of Research to Bank Objectives

2. Many activities originally undertaken as incidental to lending are now recognized as proper functions of the Bank as a development institution. These include the preparation of country economic reports and specialized sector analyses, on which the Bank now spends more than \$15 million per year. The Bank also regards institution building and the provision of technical assistance as important additional objectives to the transfer of financial resources. More recently the Bank has recognized the need to support agricultural research in order to increase the technological information available to the developing world. In these and other ways, the Bank is taking increased responsibility for improving knowledge of the development process.
3. While it is recognized that research on a variety of economic, social, and technical questions is required as a basis for development policy, the Bank itself has taken only limited steps to support this activity. Total Bank resources allocated for research -- broadly defined -- in FY 71 were about \$2-3 million, of which less than \$500,000 was for consultants. Hardly any Bank funds are used to finance research institutes in developing countries.
4. A large part of the research financed by the Bank has been geared to acquiring information necessary to design and evaluate projects (e.g. the highway design study and the Indus Basin study). By contrast little work has been done on the general methodology of project appraisal or on the relationship between national policy objectives and project selection. Despite the Bank's interest in the broader aspects of the development process and in the choice of development strategies, research on these problem areas has been scanty -- with some exceptions such as fiscal policy and protection.
5. In short, the present research effort is limited, uncoordinated, and lacking in focus. The most useful research undertaken has been

1/ Despite the limited resources available, there have been several significant pieces of individual work. (Bela Balassa's survey of Economic Research in the Bank, January 1971).

primarily for the Bank's immediate operational needs. Wide areas relevant to the Bank's broader policy interests have received little attention. No effort has been made to improve the developing countries' ability to undertake research on their own behalf.

Orientation of Future Development Research

6. The Pearson Commission recommended that the Bank should take a more active role in a variety of research fields. So far, the Bank has considered the overall needs of technological research on questions of population and agriculture. A similar examination is needed of the uses of economic and social research, the existing institutions which support and carry out such research, and the proper role for the Bank in this area. It will take time to develop a comprehensive program of action.

7. The Bank should concentrate on those areas where its experience will give the Bank a comparative advantage that can be utilized in research work. The Bank is unique in having accumulated experience on projects, in undertaking country economic missions on a regular basis, and in carrying out policy advisory activities. It therefore has an advantage in project- and policy-oriented research and in utilizing the data made available through its country missions.

8. Beyond this, the absence of special advantage, as well as the need to avoid building up an overly large staff, call for the use of outside researchers. In most cases, cooperative arrangements with research groups would be the appropriate vehicle. The Bank will need some "counterpart" staff to ensure that such research is oriented towards the proper objectives. This will entail expanding the Development Research Center. Some of the functional divisions of the Economics and Economic Program Departments will also be involved. There is a need for the Bank to make better use of the most advanced research techniques and findings in the principal areas of development economics.

9. The first task will be to indicate the major research objectives, the types of research needed to pursue them, the role that the Bank can play in carrying out such research, and the organizational arrangements necessary to ensure that research actually serves these objectives. Among the objectives of a coordinated program, a distinction should be drawn between internal objectives that are directly related to the Bank's activities and external objectives that are indirectly related to them. This is not a rigid distinction since research aimed primarily at external objectives will often provide a basis for improvements in the Bank's work. Conversely, research directly related to Bank activities will benefit the developing countries not only through Bank operations but also by increasing the knowledge of development.

Internal Objectives

- (1) The establishment of a factual and conceptual basis for Bank policies on particular aspects of development: population, resource mobilization, international trade, the use of development programs, etc.
- (2) Support for Bank operations in particular sectors: agriculture, industry, transportation, education, etc.

External Objectives

- (3) Increasing knowledge of the basic development process in areas of particular importance to the Bank, such as development strategies, employment, rural-urban balance, the productivity of capital and of external resources, the transfer of technology, etc.
- (4) Development of institutional capacity for research in the developing countries both to support planning and policy efforts and to increase knowledge of the development process.

10. The principal change from present Bank thinking is to recognize the need to develop and support research institutions in the developing countries which can undertake an increasing share of the empirical research and analysis. Since the quality of Bank economic reports can be no better than the underlying data available and the understanding of the development process in each country, the Bank's own interests would also be served in this way.

11. The external objectives may best be served if the Bank's research activities -- both in-house and sponsored -- are geared primarily to attaining internal objectives because of the gain in relevance and sharpness that will follow. Topics for cooperative research can be selected with these objectives in mind.

Types of Bank Research

Lending-Oriented Research

12. The selection of projects to be financed by the Bank should further the development objectives of a particular country. To attain this goal the Bank should carry out research on the methodology of project appraisal, giving attention to the interdependence of the project, the sector and the national economy. This requires, first, research on the use of shadow prices of foreign exchange, capital, and labor taking appropriate account of economic and social objectives and their application in particular countries.

Second, research is needed in formulating sectoral policies in the framework of an overall development strategy. Third, there is need for research on the relationship of projects with sector. In these areas the Bank should apply existing knowledge and also undertake original research to adapt known techniques to its needs.

Policy-Oriented Research

13. As its role as a policy advisor expands, the Bank needs to clarify some of the major policy issues in development, explore alternative solutions to particular problems and, to the extent possible, unify the practices followed by Area and Projects Departments. Position Papers will be required setting out the relevant alternatives and their respective advantages, to provide for the continuous evolution of Bank policies on particular questions. These position papers should deal with developmental objectives, the choice of policies aimed at reaching particular objectives, and the use of policy instruments.

14. Position papers are as good as the research underlying them. They require research on policy objectives such as growth, employment, income distribution and the trade-off among them; on policy choices such as export promotion versus import substitution, agriculture versus industry and public versus private enterprise; and on policy instruments such as exchange rates, tariffs, quotas, taxes, and investment licensing. Bank research in these fields may range from evaluating the applicability of existing findings to original research undertaken by Bank staff possibly in cooperation with researchers in developed and developing countries.

Knowledge of the Development Process

15. While intimately related to policy-oriented research, the objective of increasing our knowledge of the development process goes beyond the immediate operational needs of the Bank. Such research is nevertheless valuable for the Bank since an increased understanding of the process of development will contribute to improvements in policy-advice and lending activities. This type of research is carried out at universities and research institutes and many gaps remain to be filled before it can be applied to practical problems. Questions like the relationship of population and economic growth, the environmental effects of industrial development, or the productivity of foreign aid have received little attention. Yet answers to these questions can help to improve Bank policies and the selection of projects. This suggests the need for the Bank to systematically explore the implications of research carried out elsewhere.

16. The Bank is in a good position to formulate this type of research project but it may not have an advantage in carrying it out. Thus the Bank should extend contractual support for research done elsewhere. The need to make the results of such external research relevant to the Bank's activities will usually call for cooperative arrangements with the research institute concerned.

Research Capacity in Developing Countries

17. Institution-building in, for example, development banking, highway design, and agricultural planning is a recognized objective of the Bank. But improving the capacity of the developing countries to undertake economic research has received little or no attention. The development of indigeneous research capacity is an important part of the task of improving policy-making. From past experience it can be demonstrated that the Bank's policy-advisory and lending activities benefit directly from the availability of reliable data and other results of indigeneous research.

18. The experience of Pakistan, India, Israel, Chile and Nigeria shows the value of local research groups and the improvements that are possible within as little as five years. In each of these countries small research groups supported initially by foundations have made substantial contributions to the understanding of the development of their own countries, thereby both facilitating a better analysis of their current economic problems and contributing to the broader growth of knowledge of development.

19. While the financing of these institutes is basically the responsibility of the individual countries, the Bank can contribute to their-development through cooperative arrangements and by sponsoring research on problems relevant to a particular country. Cooperative research projects bring direct benefits to the Bank since they facilitate exploring various issues in a comparative framework. In turn, apart from obtaining some additional financing, research institutes in developing countries would benefit from the technical assistance and coordination the Bank can provide.

20. In addition to comparative studies, there is need for research on the experience of individual countries which should be commissioned in cooperation with the Area Departments to ensure that projects enhance the Bank's understanding of a country's economic problems.

21. These provisions would help existing research institutes in developing countries. But they would not contribute to the establishment of new institutes in countries like Turkey, Korea, Tunisia, and the Central American Common Market. It is not proposed that the Bank should finance the establishment of such institutes, since

this can be done more readily by private foundations. But the Bank can play an intellectual and financial role in furthering the development of such institutions once they are launched.

Implementation

22. In order to develop these ideas further and to put them into operation, the following stages are envisaged:

1. Discussion of this memorandum in the Economic Committee and with an informal panel of external advisors who have been invited for this purpose (Professors Ranis and Falcon [U.S.], Hopper [Canada], Diaz-Alejandro [Cuba], Watanabe [Japan], Minhas [India], and Bruno [Israel].)
2. Establishment of an Economic Research Committee in the Bank -- with members drawn from the Central Economic Staff, the Area and Projects Departments, and IFC -- having responsibility to set research priorities, advise on research proposals, and review research results. Interdepartmental research panels should also be formed to evaluate research in particular fields.
3. With the help of the external advisors, the Economic Research Committee will identify promising areas for cooperative research. Topics in the fields of employment, population, agriculture, resource mobilization, the use of planning models and industrial technology have already been identified and are included in the budget proposals for FY 1972.
4. Once the general lines of the Bank research policies have been approved, the establishment of an external committee on development research to advise the Bank on research priorities and on relations with the external research community is proposed.

Hollis B. Chenery
March 15, 1971

(Extract from: "Formulating a Bank Research Program," A. Ray and E. Stern, May 21, 1973)

Income Distribution and Employment

The immediate program of the Income Distribution Division involves preliminary empirical and methodological work. The basic issue in this program concerns the balance between the four areas identified in the DRC discussion paper - i.e., evaluation of data, general policy reviews, quantitative general equilibrium models and project evaluation. No consensus emerged during the meeting regarding the areas of priority. The discussion paper also contains possible elements of a longer term program. Program preparation and the identification of the research options appeared to be strongest in this area among the major areas discussed.

A large part of the FY1974 expenditures will be for completing the Korea and Yugoslavia models (RPO 206) and the Brazil model (RPO 269). As noted during the meeting, large scale projects to generate data may not be suitable for Bank financing but should await, in any event, the necessary background work on the problems of measurability and data interpretation. This is the primary intent of the ECLA and ECIEL projects...and of the Botswana Survey being funded separately.

Research on employment in the Population and Human Resources Division is presently limited to the studies of labor markets and the unemployment survey in Costa Rica (RPO 245, 247). The Belo Horizonte project tentatively approved by the Committee in April is basically a part of RPO 245 and does not extend the area of research involvement. While it may not be feasible with existing staff to undertake new employment research in addition to these studies and the study on public works which it is monitoring, research on the employment aspects of development has no strategy and is weak. Little work seems to be in progress which will yield projects in the next few years. It was suggested during the meeting that a comparative study on the structure and nature of unemployment in different countries would fill a priority need.

In judging the adequacy of the programs of research on income distribution and employment, we note that concern with these areas is beginning to run through most of the research program as a whole. While this is a welcome development, there is no framework in terms of which the intended contributions of the other studies can be meaningfully assessed. There is therefore an apparent need for a broader research strategy, especially in employment, which will give guidance to the preparation of other research projects relevant to these areas.

Research Committee Members

	H. B. Chenery (Chairman)	April 1971 -
Mrs.	I. Adelman	November 1971 - Spring 1972
	H. A. Adler	Summer 1971 - October 1974
	J. H. Adler	April 1971 - Spring 1972
	D. Avramovic	April 1971 - October 1974
		November 1975 - February 1977
	B. Balassa	April 1971 -
	G. B. Baldwin	April 1971 - December 1971
	J. Baneth	Spring 1972 - October 1974
	B. de Vries	October 1974 -
	V. Dubey	November 1975 -
	R. Gulhati	April 1971 - October 1974
	M. ul Haq	Spring 1972 - March 1973
Mrs.	H. Hughes	October 1974 - September 1975
	E. V. K. Jaycox	October 1975 -
	A. Karaosmanoglu	November 1972 - November 1975
	B. B. King (Deputy Chairman)	April 1971 - June 1972
		June 1974 -
	P.-P. Kuczynski	May 1972 - October 1973
		December 1976 - July 1977
	E. Lerdau	October 1974 -
	I. M. D. Little	November 1976 -
	R. Picciotto	November 1976 -
	M. Qureshi	March 1972 - October 1974
	H. Schulmann	May 1972 - December 1975
	E. Stern (Deputy Chairman)	January 1972 - September 1974
	W. Thalwitz	October 1974 - August 1976
	H. G. van der Tak	November 1971 -
	H. Vergin	October 1974 -
	J. Waelbroeck	October 1974 - September 1976
	E. B. Waide	April 1977 -
	M. L. Weiner	April 1971 - Spring 1972
	C. Weiss	November 1971 - Spring 1972
	M. Yudelman	October 1973 - November 1976

Mr. Gabriel Roth, URB

October 10, 1977

Orville F. Grimes, Jr., VPD

Zahavi Manual: Marginal Notations
on Chapters One and Two


1. Once again, I regret having to leave this morning's meeting early. I hope that the discussion of individual chapter subheads proved productive.

2. Attached you will find some additional points of detail scribbled on various pages. They might be passed on to Mr. Zahavi, to do with, of course, entirely as he wishes.

3. I am also returning herewith the spare copy of Chapters 1 and 2.

Attachments

cc (w/o att.): Mr. Hogg

OFGrimes:gm 

Mr. Hollis B. Chenery

October 5, 1977

Benjamin B. King *Signed B. B. King*

RAPIDE

I think the principal questions which the Bank would like to have the panel's views on are those listed below. The list is, of course, in no way intended to limit the panel's horizon.

1. Is there a clear understanding of general objectives in carrying out research in these fields? If not, how could it be improved?
2. Have the types of research carried out by the Bank been most appropriate to its comparative advantage and its operational or policy needs?
3. What improvements can be suggested in the way in which it conducts research particularly in terms of (a) relations with consultants; (b) choice and allocation of staff time; (c) relations with "host" countries.
4. Is adequate effort given to dissemination? This is mainly concerned with dissemination within the Bank in the first instance, including impact on country analysis, sector and project work, policy formation.

Though much the same question applies outside the Bank, it is probable that there has not been enough time as yet to make this a meaningful question in this context.

5. How satisfactory is the mechanism for reviewing proposals, controlling execution and learning from evaluation of completed projects? This would include both departmental and Research Committee activities.
6. What priorities appear appropriate for future work in these fields?

cc: Messrs. Karaosmanoglu
Grimes
Beenstock

BBKing:gm

Mr. M. Hultin, EDP

October 4, 1977

Benjamin B. King, VPD

Signed B. B. King

FY77 Research

1. Your memo of July 26 to Orville Grimes did not provide the brief descriptions of projects which we need. The Progress Report of June 30, 1977 helps in some cases but not in others. Item by item (using the numbers in the progress report) the position is as follows:

- (6) Could we use last part of para. 2.76 in last year's Annual Report (copy attached)?
- (7) Is the same as RPO 670-78? If not, description required.
- (8 & 9) Not required.
- (10) Required.
- (11 & 12) Not required.
- (13 & 14) Required.
- (15) Could use slightly less cryptic version of description under "Remarks".
- (16) Required.
- (17) Same comment as in 15.

2. Perhaps you could call me to discuss this. It may be that some of those listed as "required" will not in fact be so, after I hear what they're about. That would save trouble.

Attachment

BBKing:gm

itself, how early ability and schooling, for example, interact to determine an individual's future productivity. Interactions of this type were accounted for in estimates of the loss or "drain" to society arising from an educational system that selects students by family income and status rather than purely by ability, and of the gains from educational reforms aimed at changing such selection criteria. 1/ Under other research concerned with identifying important ability characteristics and their contribution to earnings (VIII.A, 671-33), the design of the ability tests that will be used to explain variations in labor incomes has been completed; discussions are now underway to select the country in which these tests are to be carried out. Moreover, the factors contributing to successful educational reform have been described in a series of case studies (VIII.A, 671-19) in which educational innovation is seen as the outcome of interaction between new policy instruments and the social and cultural environments within which these instruments are applied.

2.76 A number of other studies analyze existing educational programs or try to anticipate how effective new ones will be. As an example of the latter, the prospects for more extensive use of radio in formal and nonformal education, with case studies from the Dominican Republic, Kenya, Mexico, Senegal, and elsewhere, is currently nearing completion. Also substantially completed is a study of basic education in the Sahelian countries, conducted by UNESCO consultants for the Education Department. Building on Bank-financed studies to help prepare basic education plans for Mali and Mauritania, this research develops a methodology for the design and implementation of basic education programs in West Africa. A revised version of the final report 2/ was discussed at a meeting in Dakar in December 1976 grouping representatives of the six countries concerned and agencies such as UNESCO and the Bank. A follow-up phase, to test the methodology in one or more Sahelian countries, is being considered.

1/ S. Piñera and M. Selowsky, "The Economic Cost of the 'Internal' Brain Drain: Its Magnitude in Developing Countries," Bank Staff Working Paper No. 243, September 1976.

2/ M. Botti, D. Carelli, and M. Saliba, "L'Education de Base dans les Pays du Sahel" (UNESCO Education Institute, Hamburg, November 1976).

RES. - GEN.

Class of Service: **TELEX** Date: **SEPTEMBER 30, 1977**

Telex No.: _____ Originators Ext: **5469**

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*Bangla - Project Dev
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FOR WEISS RE CHOLERA RESEARCH LABORATORY AND YOUR 1853. WE
SUGGEST FOLLOWING SCIENTIST FOR INCLUSION IN INTERNATIONAL
SCIENTIFIC REVIEW GROUP COLON DR. R.E. KLEIN, DIRECTOR OF THE
DIVISION OF HUMAN RESOURCES, INCAP, CARRETERA ROOSEVELT, ZONA 11,
GUATEMALA, GUATEMALA. PLEASE SO INFORM MOSLEY. TIMETABLE AND
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NOT TO BE TRANSMITTED

SUBJECT: Health & Nutrition F4	DRAFTED BY: LPlesch:cc
CLEARANCES AND COPY DISTRIBUTION: cleared with and cc: Mr. T. King cc: Messrs. H. Chenery, A. Berg, J. Lee	AUTHORIZED BY (Name and Signature): Luis A. Plesch <i>Luis A Plesch</i>
	DEPARTMENT: South Asia Division
SECTION BELOW FOR USE OF CABLE SECTION CHECKED FOR DISPATCH	

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1. Fee

cc: Messrs. H. CHENGLA, V. BELD, created with 8 SEP 20 9 53 AM 1977 K108

INFORMATION COMMUNICATIONS SECTION

Source: VISA Division

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Research Committee Members

September 29, 1977

Orville F. Grimes, Jr., VPD

Meetings on October 7 and October 19, 1977

This volume contains material for the meeting of the Research Committee on Friday, October 7, 1977 at 3 p.m. in Room E1208. With a full agenda, we will probably find it necessary to reconvene on Wednesday, October 19, 1977, again at 3 p.m. in Room E1208.

The agenda for these meetings is:

- 1) Proposal: A General Algebraic Modeling System (GAMS)
- 2) Proposal: India: Impact of Agricultural Development on Employment and Poverty: Phase I
- 3) Proposal: Small-Scale Enterprise Development
- 4) Proposal: The Influence of Books on Learning
- 5) Proposal: Socio-Economic Aspects of Fertility Behavior in Rural Botswana
- 6) Request for Supplemental Funding: "Standards of Reliability of Urban Electricity Supply" (No. 670-67)
- 7) Request for Supplemental Funding: "Social Accounts and Development Models" (No. 671-27): Conference
- 8) Request for Supplemental Funding: "A Comparative Study of the Sources of Industrial Growth and Structural Change" (No. 671-32)
- 9) Request for Supplemental Funding: "Management and Organization of Irrigation Projects" (No. 671-34)
- 10) Request for Supplemental Funding: "Strategic Planning to Accommodate Rapid Growth in Cities of Developing Countries" (No. 671-47)

The papers for the meeting are in the following sections:

- i) Budget Information - tables showing budgetary positions for FY78, and the proposals to be considered at these meetings
- ii) Proposals - the research proposals, panel recommendations, and related documents
- iii) Supplementary Requests - requests for additional funding under existing research projects

- iv) Forthcoming Proposals
- v) Completion Reports
- vi) Miscellaneous

- Draft Completion Report and Evaluation Guidelines

Distribution

Messrs. Chenery, Balassa, de Vries, Dubey, Jaycox, B. King,
Lerdau, Little, Picciotto, van der Tak, Vergin, Waide

Research Committee Members

September 27, 1977

Orville F. Grimes, Jr., VPD

Research Proposal: "Socio-Economic Aspects
of Fertility Behavior in Rural Botswana"

An earlier version of the above proposal was reviewed in May by a panel chaired by Mr. Picciotto, but was not presented to the Committee. To the extent possible, we have reconstituted this panel to review the present draft, on September 30. On a favorable recommendation, the proposal and review panel note will be distributed to you for consideration at the backup (October 19) meeting.

OFGrimes:gm



Those listed below

September 27, 1977

Orville F. Grimes, Jr., VPD

Revision of Research Project Completion Report

1. I attach a draft revision of the Completion Report required of all projects in the research program. You will note that, rather than a single, all-purpose evaluation, we propose that project supervisors prepare brief narratives (see Sections IV to VII) on themes that are intended to correspond closely to those of the "Guidelines for Evaluation of Completed Research Projects," also attached. Many if not most of the issues of concern to an evaluation panel would in this way already be addressed to some degree in the Completion Report.

2. Any comments or suggestions would be welcome. Please communicate them to me by Friday, October 7 if possible.

Attachments

Distribution:

- Messrs. Avramovic, Stoutjesdijk, Lowther, Duloy (o/r),
Pyatt, Mrs. Hughes, Ms. Hidalgo-Gato, Ms. Stout
- DED Division Chiefs
- DRC Division Chiefs
- Messrs. Harral, Donaldson, Hotes, Ms. Peter
- cc (w/o att.): Mr. B. King
Mrs. Hazzah

OFGrimes:gm 

Mr. Hollis B. Chenery

September 27, 1977

Benjamin B. King Signed B. B. King

How much research?

1. I have racked my brains, by now somewhat addled, to try to see whether there is some plausible way of answering the question, which I think is being asked by some Executive Directors: what is the optimum expenditure on research in the Bank? I have also done one rather silly exercise (CUBE, September 2, 1977). I have come to the conclusion that not only is this a nonsense question, which I thought from the start, but that one should not flinch from saying so. Before this is dismissed as being too "negative", let me say that I do have a suggested course of action, which presupposes a different question. I will come to this in due course.

Why a nonsense question?

2. It ought not to be necessary, but let me first quote a little ancient scripture. The prophet is Charles Hitch:

"I would make the empirical generalization from my experience at RAND and elsewhere that operations research is the art of sub-optimizing, i.e., of solving some lower-level problems, and that difficulties increase and our special competence diminishes by an order of magnitude with every level of decision making we attempt to ascend. The sort of simple explicit model which operations researchers are so proficient in using can certainly reflect most of the significant factors influencing traffic control on the George Washington Bridge, but the proportion of the relevant reality which we can represent by any much model or models in studying, say, a major foreign-policy decision, appears to be almost trivial." 1/

1/ Quoted in Charles E. Lindblom, The Science of "Muddling Through", Public Administration Review, Vol. XIX, Spring 1959.

3. The author of the article from which this quotation is taken contrasts two extreme versions of the process of public decision-making, the "root" and the "branch". The root approach is based on comprehensive analysis, which demands a comprehensive theory, voluminous data and a well-defined objective function. In many spheres of public policy, none of these exist. And that is true in our case.

4. The branch approach confines policy decisions to a limited number of incremental changes from current practice. Decisions can then be made on the basis of some sort of value judgment about trade-offs that are comprehensible. Furthermore, the effect of the changes can be monitored to see whether one wants to climb one more rung up the ladder or slip back two. Given the practical constraints within which we work, budgetary ones and others, I cannot see that any other approach makes sense 1/. For going out on, a branch is better than a limb.

5. As a minor observation on data, I might just quote what two Bank budget documents say about the "cost" of Bank research in FY76. The figures given are index numbers. What the FY77 budget says is 100; the indices are what the FY78 budget says for the same thing:

Component A	164
" B	100
" C	<u>91</u>
Total	121

The shape of the branch

6. My suggestion is:

- (i) that there should be an examination of the whole DPS work program (not just research) in a more extended sense than a one-year budget;

1/ Suppose, by some analytical tour-de-force, one came up with an optimum that was three times present expenditure or, alternatively, zero, would anyone buy it?

- (ii) that this examination should be carried out by a non-DPS ad hoc group;
 - (iii) that the group's first responsibility should be to determine whether DPS was suboptimizing its resources; and
 - (iv) its second, if it were possible, would be to determine whether the current allocation of those resources was optimal within the Bank (this latter would be a second stage, in any event).
7. The composition of the group might be as follows:
- (i) One representative of OED, preferably the Director-General as Chairman
 - (ii) One from P & B
 - (iii) One from the regions
 - (iv) Two external assessors.

This would assure an independent inside view and provide both outside perspective and inside comprehension of the way things work in the Bank.

8. There are two obvious questions about this proposal. Why just the DPS and why all of its work program? I give some reasons in the next section.

Reasons

9. If we use the figures in the FY78 administrative budget for FY78, then DPS does about 71% of the research and CPS 25% with the rest scattered. DPS and CPS expenditure as a proportion of total resources (administrative budget plus share of external research budget), are as follows:

	<u>DPS</u>	<u>CPS</u>
Total resources (\$m)	14.2	29.2
Research (\$m)	6.5	2.3
Proportion (%)	46	8

The DPS is, thus, the only administrative unit in the Bank devoting a substantial part of its resources to research. It also carries out the lion's share of the research.

10. Contrary to what many people believe, most research does not take place in a vacuum. It is the response to a variety of impulses, which may originate in quite specific operational problems, rather vague policy concerns or anywhere in-between. Much the same set of impulses is responsible for non-research activities. The combined consequence of these impulses is a set of work programs throughout the Bank.

11. To a large extent, the amount and the nature of the research (though not necessarily its specific content) is determined by the organization of the Bank and the responsibilities given to the various sub-units. Research is not, in most cases, an extraneous activity. Yet this is not the common perception. That there might be some connection between the research and the non-research in the DPS or outside is not apparent and may not be easy to make apparent. I have come to believe that it is almost inevitable that, while the research process is going on, the outsider cannot understand how it is going to be any use to him and the researcher himself is frequently not in a position to explain.

12. There is a budgetary process, through which the DPS work program is examined in some detail, which presents in theory at least an opportunity to judge its adequacy. Why then is it necessary to duplicate the process? The only answer I can give is that it doesn't seem to work. There is a widespread feeling in the Bank at all levels that a lot of what the DPS does is not useful and that most research falls into that category.

13. I am firmly of the view that any review has to be conducted externally (i.e., externally to the DPS). Almost any attempt by DPS to justify its existence is likely to be considered a whitewash, by both the Executive Directors and by other Bank staff. Besides, the kind of criticism that is current is not well focussed. If there is criticism, let's see just what it amounts to.

cc: Messrs. Karaosmanoglu, Avramovic, Duloy, Haq, Mrs. Hughes,
Mr. Grimes

BBKing:gm

Research - General

Form No. 27
(3-70)

INTERNATIONAL DEVELOPMENT
ASSOCIATION

INTERNATIONAL BANK FOR
RECONSTRUCTION AND DEVELOPMENT

PAGE 1 OF 2

INTERNATIONAL FINANCE
CORPORATION

OUTGOING WIRE IBRD ~~61254x~~ 61251

TO: NASIH DEIF
COMPUTER CENTER
AMERICAN UNIVERSITY
CAIRO

DATE: SEPTEMBER 27, 1977

CLASS OF SERVICE: L/T

927-2224 AUCCAI
TLX RLD

COUNTRY: EGYPT

TEXT:
Cable No.:

WAS VERY SORRY NOT TO HAVE SEEN YOU HERE AND AM GLAD THAT YOU SAW ZACHARIAH. REMAIN ~~XXXX~~ EXTREMELY INTERESTED BY THE IDEA OF AN ECONOMIC SURVEY TO LINK WITH THE WFS SURVEY WHICH CAPMAS, YOUR INSTITUTION AND OURSELVES WOULD ANALYZE COLLABORATIVELY. ZACHARIAH TOLD ME YOU FELT IT WOULD BE HELPFUL FOR ME TO WRITE GENERAL ASKAR IN ADVANCE OF VISIT BY SIR MAURICE KENDALL. THE SCARCITY OF TIME HAS MADE THIS IMPOSSIBLE. IN ADDITION, AS I EXPLAINED, I CANNOT MAKE ANY COMMITMENT ON THE PART OF THE BANK UNTIL OUR RESEARCH COMMITTEE HAS CONSIDERED AN AGREED THE MATTER AND FOR THIS THEY NEED ~~XXXX~~ PROPOSAL. SO I CANNOT MAKE ANY FORMAL OFFER TO ASKAR AT THIS STAGE. WOULD APPRECIATE IT IF YOU COULD LET ME KNOW OUTCOME ASKAR-KENDALL DISCUSSIONS.

HAVE YOU HAD AN OPPORTUNITY STUDY MULTIPURPOSE QUESTIONNAIRE WE SENT YOU? IN MY VIEW PARTIAL VERSION OF THIS MIGHT BE BASIS OF THE ECONOMIC SURVEY. WILL WRITE TO YOU FURTHER ABOUT THIS IN NEXT FEW WEEKS AND SEND IT TO YOU. YOU COULD PERHAPS THEN SHOW THIS INFORMALLY

NOT TO BE TRANSMITTED

AUTHORIZED BY:
NAME T. King, Chief
DEPT. Development Economics,
SIGNATURE *T. King*
(SIGNATURE OF INDIVIDUAL AUTHORIZED TO APPROVE)
REFERENCE:

CLEARANCES AND COPY DISTRIBUTION:
cleared with and cc: Mr. Avramovic
For Use By Communications Section

ORIGINAL (File Copy)
(IMPORTANT: See Secretaries Guide for preparing form)

Checked for Dispatch: _____

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PAGE 2 OF 2

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TO: NASIH DEIF

DATE: SEPTEMBER 27, 1977

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COUNTRY:

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Cable No.:

TO ASKAR. BUT I AM ANXIOUS TO STRESS THAT THE EVENTUAL PROPOSAL SHOULD
BE A TRULY ~~XXXXXXXX~~ COLLABORATIVE ONE.

WARM REGARDS.

KING

NOT TO BE TRANSMITTED

AUTHORIZED BY:

NAME T. King, Chief

DEPT. Development Economics

SIGNATURE _____
(SIGNATURE OF INDIVIDUAL AUTHORIZED TO APPROVE)

REFERENCE:

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cleared with and cc: Mr. Avramovic

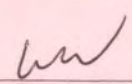
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(IMPORTANT: See Secretaries Guide for preparing form)

Checked for Dispatch: _____



Research Committee Members


September 27, 1977

Orville F. Grimes, Jr., VPD

Draft Completion Report and Evaluation Guidelines

✓
You will find attached a draft revision to the Completion Report required of all projects in the research program. Rather than a single all-purpose summary, we propose to ask that project supervisors prepare brief narratives (see Sections IV to VII) on themes that correspond closely to those of the "Guidelines for Evaluation of Completed Research Projects," also attached. Your comments would be most welcome.

Attachments

OFGrimes:gm 

WORLD BANK RESEARCH PROGRAM

COMPLETION REPORT

Date of Submission

I. PROJECT IDENTIFICATION AND APPROVAL OF REPORT

1. Title:		2. Project No.	
3. Department:		4. Division:	
5. Staff Participation a. Principal Supervisor: b. Others Responsible:		6. Date Approved by Research Committee:	
7. Departmental Approval:			
_____ Division Chief		_____ Department Director	
(signature)		(signature)	

II. IMPLEMENTATION

1. Date of First Contract:	2. Date of Final Disbursement:	3. Date Final Report Completed:
4. <u>Reports</u>		
a. Final Report		
b. Other Publications/Reports		

NOTES: Item II, 3: Date when final report available for dissemination.
II, 4: Journal articles, Staff Working Papers, Departmental reports, technical memoranda, and other reports prepared under the project. List authors and dates of completion or publication.

III. SUMMARY OF RESOURCES

1. Expenses through FY75:	2. Research Committee Authorizations as from FY76:	3. Total Research Committee Financing:		
4. Expenses as from FY76: FY ___: FY ___: FY ___: FY ___: Total:	5. Other Financing: a. Bank Departments FY ___: FY ___: FY ___: FY ___: Total	b. Outside Sources FY ___: FY ___: FY ___: FY ___: Total		
6. Staff Time (weeks): FY ___: FY ___: FY ___: FY ___: Total		Professional	Assistant	Total

- NOTES:** Item V, 1: The sum of actual expenses, if any, from Research Committee authorizations in FY75 and earlier years.
- V, 2: The "total authorization" of the project, i.e., the authorization for FY76 (if any) and all subsequent years.
- V, 3: Equals V, 1 + V, 2.
- V, 4: Actual expenditures of funds authorized by the Research Committee, FY76 through FY of final disbursement.
- V,5a: Departmental discretionary funds spent primarily or exclusively on project (if any).
- V,5b: Breakdown of contributions by donor. Include estimates, to extent possible, of local contributions.

Narratives in the following sections summarize the results of the project in relation to its objectives and describe the design, organization, and dissemination strategy adopted. The categories and topics are intended to correspond closely to those of the "Guidelines for Evaluation of Completed Research Projects." Using additional space as necessary, the principal supervisor should give particular attention to the points listed.

IV. OBJECTIVES AND STRATEGY

- objectives of the research, as originally formulated and with later modifications
- intended beneficiaries (Bank staff; planning authorities and decision makers in developing countries; other researchers)
- contribution to research or other analytical capacity in the countries under study
- efforts to coordinate work with other research in the Bank and outside

V. DESIGN AND ORGANIZATION

- methodology or analytical framework employed; difficulties encountered in application of methodology; how these difficulties were or were not overcome
- sequencing of research tasks
- reliability of data
- performance of consultants or consulting firms
- extent of Bank staff involvement in design, implementation, supervision
- extent of awareness, support, or participation among Bank operating departments, local research institutes, government agencies
- main reasons for overruns or savings in cost and time

VI. RESULTS

- nature of project findings; correspondence with what was originally intended; reasons for differences between intended and actual objectives
- suggestions for follow-up, including other research topics

VII. DISSEMINATION

- presentation of results to facilitate access to intended audiences
- methods (published reports, seminars, conferences, etc.) for dissemination of findings to these audiences

Guidelines for Evaluation of Completed Research Projects

The principal objectives of evaluation as applied to completed Bank research projects are illustrated below in the form of questions for discussion at evaluation panel meetings. These questions, taken together, are an attempt to determine how effectively the research project has met its goals and how useful it has been in improving knowledge of development issues involving the Bank. While not intended as exhaustive, questions are grouped into headings which are suggested as an organizing format for the report on the panel's findings.

A. Objectives, Strategy, and Results

To what extent did the study
fulfill its objectives?

1. Is the general problem to which the research is addressed of relevance to the Bank?
2. Were the objectives of the study clearly formulated? Did they change as the study was undertaken?
3. How do the results correspond with what was originally expected? To what can be ascribed any differences between original and actual objectives?
4. Who are the intended beneficiaries? (Bank staff; planning authorities and decision makers in developing countries; other researchers)
5. Has the project assisted in developing research or other analytical capacity in the countries under study?
6. Were efforts made to coordinate work with other studies underway in the Bank or outside, to enhance the comparability of results or avoid duplication?

B. Design

1. Does the research improve in specific ways upon a well-established methodology, or is the analytical framework relatively innovative?

2. Were the theoretical approaches and the methodology employed in the study appropriate to its stated purposes? Were difficulties encountered in applying the methodology? If so, how were they overcome?
3. How reliable were the data? Does their reliability depend on the design and coverage of sample surveys conducted as part of the project? If so, were such surveys properly designed and carried out, and their results adequately incorporated in the research?

C. Organization

1. Did the research tasks follow a logical sequence? Were there opportunities to review progress at intermediate stages?
2. How effective were the consultants or consulting firms employed? How open the channels of communication between Bank staff and consultants?
3. Was the extent of Bank staff involvement in design, implementation, and supervision adequate to meet the study's objectives?
4. What was the nature and extent of awareness, support, or participation among:
 - Bank operating departments?
 - Local research institutes?
 - Government agencies?

D. Dissemination

1. Are the research outputs written and presented in a manner which makes them accessible to the intended audience(s)?
2. By what means have findings been communicated to the intended beneficiaries?

E. Cost

1. How does the overall cost and efficiency of the study compare with initial estimates? Did it take longer than expected?
2. What appreciation, however broad, can be given of cost-effectiveness?

F. Summary: What lessons for the conduct of future research projects are suggested from the above?

Those listed below

September 26, 1977

Orville F. Grimes, Jr., VPD


Botswana Research Proposal: Panel Review

1. Attached you will find a revised proposal to investigate economic aspects of rural household behavior based on data from the Botswana Rural Income Distribution Survey. As you recall, an earlier version of this proposal was reviewed in May; for convenience the panel's report is attached.

2. The panel, now consisting of Mr. C. Boucher (E. Africa Programs) in addition to Messrs. R. Picciotto (Chairman), M. Ahluwalia, G. Baldwin (or a nominee), and G. Donaldson, will meet on Friday, September 30 at 3 p.m. in Room A620 to consider the revised proposal. As is customary, our conclusions will be forwarded to the Research Committee and will include recommendations on whether the additional funds requested should be approved.

Attachments

Distribution: Messrs. Picciotto, Ahluwalia, Baldwin, Boucher (w/guidelines), Donaldson, B. King
cc (w/o proposal): Messrs. T. King, Chernichovsky, Moran, Stoutjesdijk
cc (information): Messrs. Avramovic, Hultin, Maane, Maubouche, Pennisi

OFGGrimes:gm 

NES. - GEN.
September 26, 1977

Dr. J. D. Seddon
School of Development Studies
University of East Anglia
Norwich NR4 7TJ, England

Dear Dr. Seddon:

Another comment just arrived. Here it is.

Yours sincerely,

Benjamin B. King
Research Adviser
Development Policy

Attachment

BBKing:gm

OFFICE MEMORANDUM

TO: Mr. Brian Shields, Chief, ASPTR

FROM: R. N. Panfil *RNP*

SUBJECT: Comments on The Effects of Roads in West Central Nepal

DATE: September 23, 1977

1. The study provides a detailed analysis of changes brought about by the construction of a number of new roads. While transport, commercial and governmental activities increased within the region after the construction of the roads, there was little increase in production in agriculture and industry. Thus the findings of the study support the results of other studies and clearly indicates that the roads alone are not sufficient to cause economic development. The report's main point is that social and political factors as well as the need for other economic input have to be analyzed when considering the viability of a road investment.

2. While the study's main point is well made, the authors somewhat jump to the conclusion that little development can take place in Nepal until a fundamental change in the distribution of power (installation of a genuinely representative government), both nationally and regionally, takes place. While the idea might be appealing, there is little evidence that a democratic system would work any better than the present system, given the historical and social setting of Nepal. This issue adds a somewhat sensational element to the report, but for development agencies it is for the most part irrelevant since an attempt has to be made to work within the system.

3. A possible shortcoming in the study is that all the roads tend to be lumped together in order to draw general conclusions. Even from the information presented, however, it is clear that the road in the Terai Region, where the land is flat and fertile, has had a greater impact on agricultural production. No doubt, one of the main reasons for the lack of impact of the road in the Hills Region is the lack of agricultural potential of the terrain. Thus, the study indicates that road construction in the Terai Region would have a much greater chance of bringing about development than in the hills.

4. While no doubt the growth in the bureaucracy has had many negative effects, the study tends to play down the positive effects of the bureaucracy as a generator of economic activity. The fact that government is now placing some civil servants out of the Kathmandu Valley (although admittedly too few) is in itself a major step in the right direction.

5. Because of the collection of original data and the depth of the investigation, the study makes a major contribution towards understanding the political, economic and social situation in Nepal. Besides being a valuable source of information to our department, it would also be useful to Agriculture and other departments.

cc: Mr. B. B. King

RNP/jf

Mr. H. G. van der Tak


September 26, 1977

David L. Gordon, Director, IDFD

Review Panels on Research

Referring to Mr. Benjamin King's memo of August 16, 1977, the IDF Department would like to suggest some possible names for the panel on Industry and Trade, as follows:

- Prof. Edward Mason (U.S.)
- Sir Charles Court (Australia)
- Emil Salim (Indonesia)
- Roberto Campos (Brazil)
- O. Wonchol (Korea)
- Hector Hurtado (Venezuela)
- Ghazi Al Qusaibi (Saudi Arabia)
- Abdul Rahman (Egypt)
- I.G. Patel (UNDP/India)
- P.N. Dhar (India)
- Snoh Unakul (Thailand)

DLG:ju 

Through: Mr. Orville F. Grimes, Jr. VPD
Mr. K. M. Thint, CHIEF, LCPED
A. Freire, Senior Educator, LCPED

September 21, 1977

Review Research Proposal: The Influence of Books on Learning

1. As this research proposal would help the Bank and member countries design an effective education development project, it merits full support.
2. The scope of a research program concerning the influence of books on learning is enormous. I suggest that the proposed research be confined, as a first step, to a certain level of education (primary or secondary), a certain region (urban or rural), or the same group of subjects (science and mathematics, social sciences, etc.). In any case, the research should include studies on the
 - (a) quality of the textbooks (relevance of content, timeliness of information, relevance to local social/economic background, political aspect, orientation of curriculum to lessons/reference books, student self-testing, editing/printing);
 - (b) ability of teachers to encourage students to use textbooks (as sole source of learning, complementary source, or guide); and
 - (c) relation between textbooks and examinations.
3. In estimating the duration and cost of the proposed research, the extensive variability of the impact of textbooks on learning achievement will undoubtedly be taken into consideration.

AFreire/dw

Those listed below

September 21, 1977

Orville F. Grimes, Jr., VPD

Forthcoming Research Committee Meeting

1. Following its meetings in October, the Research Committee will most probably meet in mid-December. To be considered at this meeting, proposals in final form should consequently reach me no later than Friday, November 18.

2. I would appreciate it if those planning to submit proposals for the mid-December meeting could confirm their intentions as soon as possible. One reason for doing so is to assist in deciding whether, in fact, the November 18 deadline may be too early for some sponsors of research. If so, there may be a case for postponing the submission date until after the Thanksgiving holidays, with a Research Committee meeting in January.

- cc: Research Committee Members
- DPS, CPS Directors and Division Chiefs
- Regional Chief Economists
- Mr. Lowther
- Ms. Stout
- Miss Hidalgo-Gato
- Miss Peter
- Mrs. Cleave
- Mrs. Hazzah

OFGrimes:gm *OF*

LAC - Education - NRIC

OFFICE MEMORANDUM

TO: Mr. Orville F. Grimes, Jr. VPD
Through: Mr. K. M. Thint, CHIEF, LCPED
FROM: A. Freire, Senior Educator, LCPED

DATE: September 21, 1977

SUBJECT: Review Research Proposal: The Influence of Books on Learning

1. As this research proposal would help the Bank and member countries design an effective education development project, it merits full support.
2. The scope of a research program concerning the influence of books on learning is enormous. I suggest that the proposed research be confined, as a first step, to a certain level of education (primary or secondary), a certain region (urban or rural), or a group of subjects (science and mathematics, social sciences, etc.). In any case, the research should include studies on the
 - (a) quality of the textbooks (relevance of content, timeliness of information, relevance to local social/economic background, political aspect, orientation of curriculum to lessons/reference books, student self-testing, editing/printing);
 - (b) ability of teachers to encourage students to use textbooks (as sole source of learning, complementary source, or guide); and
 - (c) relation between textbooks and examinations.
3. In estimating the duration and cost of the proposed research, the many variables affecting the impact of textbooks on learning achievement will undoubtedly be taken into consideration.

AFreire/dw

Res - Gen

Mrs. Chandra Hardy, PAB

September 21, 1977

Benjamin B. King, VPD Signed B. B. King

LPAU Work

1. I have a few miscellaneous comments on the paper of September 14.
2. First Gershon Feder, who is now in the DRC, has written another paper which he is now revising - maybe has revised. It is directed more at identifying impending default and you may be interested on that account.
3. Second, the risk of default or rescheduling does not specify, as far as I know, its nature, i.e., the types of "losses" listed on page 3. There is a question of fact as to whether, in respect of Bank loans, debts have been forgiven or interest rates lowered. To what extent can one specify the sorts of circumstances under which these losses, which are genuine ones, would occur?
4. Thirdly, I would not regard the mere delay of repayment as a loss. It is tantamount to a more extended maturity. Do we regard long maturity loans as "losing" more than short ones. In any case, if net lending remains the same, it makes little difference and we may avoid the cost of project preparation.

BBKing:gm

September 20, 1977

Dr. J. D. Seddon
School of Development Studies
University of East Anglia
Norwich NR4 7TJ, England

Dear Dr. Seddon:

I have not had a great deal of luck in extracting comments on your Nepalese road study, but one has finally turned up. I enclose a copy of one, which, as the writer himself says, does not purport to be more than "a few reflections".

Yours sincerely,

Benjamin B. King
Research Adviser
Development Policy

Enclosure

BBKing:gm

Subject : East Anglia University
Nepal Road Study

1. Very interesting study and useful in examining the effects of specific road projects. Some of the conclusions are, however, rather dramatic, this relates in particular to one of the main themes : "a country in deepening crisis" (Volume I, chapters II and III). It is true that the economic conditions are difficult in Nepal, but this is the very reason for development efforts being undertaken by the Bank and other multi- and bilateral agencies.^{1/} Furthermore, everything is relative and Bangladesh could perhaps be taken as a closeby country, where the problems appear to be ^{far} for greater than in Nepal. It may be useful for the authors to study Bank economic reports and related lending programs.
 2. The report lacks a concise summary and recommendations, but another bold conclusion appears to be that it is the road projects which have been important contributing factors to the "deepening crisis" and dissolution of the traditional socio-economic patterns (Vol. I, pp. 40-44). The conclusions are perhaps true for the particular roads reviewed but a more correct intepretation of the reasons to these efforts should have been a bad project preparation, rather than implying that these would be typical cases.
 3. For the same reasons, it may be too ambitious for the authors to believe that the report would be able to provide a basis for a general debate world-wide (Vol.I, p.4). It is apparent that the projects reviewed were prepared on the basis of rather
- 1/ It is my impression that the report has a rather biased undertone by assuming that aid serves mainly political and strategic interest (Vol. 1, pp.5, 27-28). The whole terminology used bears more resemblance of "political economy" than an objective economic assessment.

elementary techniques with little attention to the socio-economic (and income generating) impacts. There has been quite a rapid methodological development in this field during the recent years and many of the Bank agricultural and rural development projects (with rural road components) would have met the particular criticism now raised in the report.

4. In spite of the above comments, I consider the study well prepared and few of its kind. Constructive revisions could make the report very good indeed.

RES. - GEN.

Mrs. M. deTchihatchef, IPA

September 20, 1977

Orville F. Grimes, Jr., VPD

Abstracts 1977: Some Additional Revisions

1. Attached you will find pages extracted from the current (August 1977) Abstracts manuscript indicating the minor revisions we have made since you received the draft.

2. I look forward to seeing shortly your version incorporating the attached revisions and your own.

Attachment

cc: Mr. B. B. King

OFGrimes:gm



Mr. M. Ahluwalia, DRCID

September 19, 1977

Benjamin B. King, VPD Signed B. B. KingSocio-Economic Determinants of Fertility

1. May I answer your rather devastating memo of September 16 with a few observations based on my understanding (vague as it is) of this project. These are, in turn, based largely on questions I asked - I believe, after you left the last meeting.

2. First, I will take equations (1) to (3). Let us assume you hold C, Ed, L (all with subscript i) constant; in other words you investigate subgroups with similar characteristics of these kinds. Then you postulate the following equations:

$$T_{ijx} = f(N_{ij})$$

$$T_{ix} = \sum T_{ijx} N_{ij} \quad (\text{Isn't it?})$$

$$YH_i = f(T_{ix})$$

3. This omits two variables (a, A) which I will come to later. Supposing there were no problems with these, which I think there is, you would then be mapping disposition of time (and, hence, if possible, acquisition of income) against family composition for each subgroup. The collection of "maps" would form a "supermap" for the whole group.

4. Would this tell us anything? I really have no idea. But is it necessary to have a theory first? Could we not, in some sense, try to determine what the behavioral effect of an increase in the number of one particular class (N_{ij}) in the household, namely, children has on T & Y and then see whether there is any reasonable theory to fit the "facts". Of course a change dN_j will induce both a change dY and dT (leisure), which may imply a trade-off. I feel that some evidence along these lines would be worth having, if it can be had. We do, after all, talk rather glibly about "reservation" wages without quite knowing what the reservations are.

5. I come back to the two missing variables. I simply do not understand "A", as I would have thought it subsumed under N (age-sex classes). I think I understand "a" a little better. I assume it distinguishes farmers from truckdrivers (head of household?) If so, should it be shoved up with the held-constant group (C, Ed, L)? Or is occupation itself a function of these and household composition?

6. Secondly, I come to the disconnected equation (4). I had assumed, incorrectly as I now believe, that the link was through HC. Taking this to mean household composition at time of marriage (which is, of course, subject to change apart from children), then the desired number of children is dependent, inter alia, on this composition - for reasons which might be illuminated by the first part of the project.

7. However, the dependence does not appear to be confined to subgroups (i.e., holding the aforesaid C, Ed, L constant). So, there seems to be at least three missing variables in (4). Whether the data would support such a large number I do not know.

cc: Mr. Grimes

BBKing:gm

Mr. A. Karaosmanoglu,

September 19, 1977

Benjamin B. King Signed B. B. King

Research expenditure

1. I think it is time that we obtained from P&B an explanation of how they calculate the expenditure on research which appears in the budget documents. Here is a comparison of three sets of figures for FY76 expenditure in FY76 \$ millions 1/ :

	<u>FY78</u> <u>Budget</u>	<u>FY77</u> <u>Budget</u>	<u>My Estimate</u>
In-house	3.57	2.18	2.18
Joint - Ext.	2.05	2.05	2.07
- Bank	<u>2.88</u>	<u>3.15</u>	<u>1.90</u>
Total	8.50	7.38	6.15

2. My estimate is documented in the attached note and tables; it corresponds closely with the Annual Report on Research. The FY78 budget document says the difference is due to inclusion of "administrative overhead costs of the budget units". Certainly I did not include these (having little to go on), if it means front offices, telephones etc; I did include allocated "benefits and overheads" and a fair share of secretarial help. It is difficult to understand how the discrepancy could be as high as 64% in one case and 50% in the other. Moreover, the variation from FY77 to FY78 suggests a certain volatility in the way they do things.

3. The mystery is compounded by the number of manyears used in each case:

	<u>FY78 Budget</u> <u>(p. 22) a/</u> <u>(for FY78)</u>	<u>Annual Report FY76</u> <u>(for FY76)</u>
CPS	16	21
DPS	46	59

a/ Includes non-RPO consultants.

1/ FY78 figures were deflated by an index of 108.

In the FY78 budget, it is stated that these figures are about the same as in FY77, which in turn were higher than in FY76 (see FY77 budget, page 24).

4. In sum, their manpower figures are some 25% less, their "internal" costs 55-60% higher. It is a great mystery.

Attachments

cc: Mrs. Cleave
Mr. Grimes
Mrs. Hazzah

BBKing:gm

Notes on Research Expenditure (FY76)

1. Since the question of expenditure on research is rather topical, I have been trying to make some rough calculations of the cost of the manpower associated with research so as to arrive not only at totals, but also subtotals for different subdivisions and even the total cost of an individual project.

2. In principle, I have assumed that the "cost" of a professional or research assistant includes:

- (i) his salary
- (ii) allocated benefits as defined by P&B
- (iii) allocated overhead as defined by P&B
- (iv) a proportionate share of secretarial salaries, also grossed up as in (ii) and (iii).

3. The calculations are largely based on the P&B "Report on the Administrative Budget" for FY76, from which financial and manpower figures are extracted in Table 1. The table also shows the mark-up (%) for "allocated" benefits and overhead department by department. On average it is 80% for the two together. Other sources (e.g. FY78 budget Table 4) show slightly different figures.

4. Table 2 is a shorthand record of calculations. I have used the Bank's average FY76 professional salary as shown in the FY77 budget (Table 5) to calculate the total cost of professional salaries. The balance of the cost is for assistant and secretarial salaries. Without any information on how the latter compare,

I have assumed that they are the same. On this basis, an average salary has been calculated. 1/

5. I have then assumed that professionals and assistants use secretarial services in proportion to their salaries. The necessary mark-up is calculated as about 18%. Combining this with the previous 80% gives us a total mark-up of 113%. Salaries as marked up by this amount are used in subsequent calculations.

6. For information, more than anything else, the allocation of manpower to research from two different sources is shown in Table 3. The first source (A) is, in effect, the TRS. The second (B) is our own allocation in the Annual Report, where status reports have been used. Though there are large differences on individual items, the totals are close. Source (B) is used subsequently.

7. Table 4 converts Table 2.1 in the Annual Report into \$. Subsequently, corresponding figures in the FY77 budget document are shown for comparison. There is a very large difference for RPO internal expenditure. The figures for the FY78 budget are different again.

8. Table 5 shows the allocation of resources in DPS & CPS by department, both from the regular budget and the research budget. In the last four columns are shown (a) the use of all resources for research and the corresponding proportion of total resources and (b) the use of budgetary resources only for research and the proportion of departmental budgets.

1/ The error caused by this assumption is not likely to be large, because it so happens that the proportion of professionals and assistants used on research is about the same.

Table 1DPS Budgets/Manpower FY76

	<u>DRC</u>	<u>EPR</u>	<u>ECD,</u>	<u>EAP</u>	<u>VPD</u>	<u>TOTAL</u>
<u>Budget (\$'000)</u>						
1. Salaries	767	671	1,556	2,183	297	5,475
2. <u>Other</u>	<u>167</u>	<u>125</u>	<u>591</u>	<u>437</u>	<u>45</u>	<u>1,364</u>
3. Subtotal*	934	796	2,147	2,620	342	6,839
4. Benefits	377	344	813	1,135	157	2,825
5. <u>Overhead</u>	<u>208</u>	<u>189</u>	<u>448</u>	<u>625</u>	<u>86</u>	<u>1,557</u>
6. Total	1,519	1,329	3,407	4,380	585	11,221
7. (⁴ / ₁)%	49.2	51.3	52.2	52.0	52.9	51.6
8. (⁵ / ₁)%	<u>27.1</u>	<u>28.2</u>	<u>28.8</u>	<u>28.6</u>	<u>28.9</u>	<u>28.4</u>
9. Total %	76.3	79.4	81.0	80.6	81.8	80.0
<u>Manpower (m/yrs.)</u>						
Prof.	19.8	17.7	41.9	56.9	5.7	142.0
Ass.	10.5	3.8	19.9	47.7	1.9	83.8
<u>Sec.</u>	<u>10.0</u>	<u>9.8</u>	<u>23.8</u>	<u>28.1</u>	<u>5.9</u>	<u>77.6</u>
Total	40.3	31.3	85.6	132.7	13.5	303.4

Table 2

Calculations (\$'000)

Salary base

Average prof. salary (Budget Tables)	= 26,125
Multiplied by 142.0 (prof.)	= 3,710
Balance	= 1,765
Divided by 161.4 (non prof.)	= 10,936

Mark-up for secretarial cost

(77.6 x 10.936)	= 849
Balance	= 4,626
Mark-up (%)	= 18.4

Total mark-up

1.80 x 1,184	= 2,131
--------------	---------

Marked-up salaries

Prof: 26.1 x 2.131	= 55.6 (4.63 p.m.)
Ass: 10.9 x 2.131	= 23.2 (1.94 p.m.)

Note

Using the average salary figures as given above could result in errors in particular departments which have an unusually high or low average. The error is large for EPR & VPD (too low), but for the others it is small: EPD (6% too high); ECD (1% too high); DRC (3-1/2% too low).

Table 3

Man-Years on Research: Comparison

	<u>RPO</u>		<u>Studies</u> ^{1/}		<u>Other</u>		<u>Total</u>	
	<u>A</u>	<u>B</u>	<u>A</u>	<u>B</u>	<u>A</u>	<u>B</u>	<u>A</u>	<u>B</u>
<u>DRC</u>								
Prof.	11.2	13.6	1.7	1.7	0.7	0.8	13.6	16.1
Ass.	7.4	5.6	0.3	0.6	1.1	0.7	8.8	6.9
<u>EPD</u>								
Prof.	1.0	0.3	0.2	0.3	0.9	0.9	2.1	1.5
Ass.	0.4	0.1	0.1	-	0.1	0.1	0.6	0.2
<u>ECD</u>								
Prof.	8.8	8.2	4.0	7.4	4.7	3.4	17.5	19.0
Ass.	8.5	6.3	3.6	5.7	3.5	3.0	15.6	15.0
<u>EPR</u>								
Prof.	0.1	-	0.1	-	-	-	0.2	-
Ass.	-	-	-	-	0.3	-	0.3	-
<u>Total</u>								
Prof.	21.0	22.1	6.0	9.4	6.3	5.1	33.3	36.6
Ass.	16.2	12.0	3.9	6.3	4.9	3.8	25.1	22.1
<u>Budget</u> ^{2/}								
Prof.	19.9	n.a.	3.9	n.a.	7.7	n.a.	30.5	n.a.
Ass.	13.2	n.a.	1.7	n.a.	5.2	n.a.	20.2	n.a.

1/ Excluding commodity studies (P 3.4; A 1.7) EPD Total and Budget; not clear whether "Budget" originally included then.

2/ Significance not known.

Sources: A) Cleave 10/11/76 memo RES-01, 02, 03.

B) Annual Report, p. 15.

Table 4

Table 2.1 Revised to Show \$ Amounts ('000)
(Using "B" manpower figures)

	<u>Ext.</u>	<u>RPO</u> <u>Int.</u>	<u>Total</u>	<u>Ext.</u>	<u>DS</u> <u>Int.</u>	<u>Total</u>	<u>Other</u> <u>Int.</u>	<u>Total</u>
<u>DPS</u>								
DRC	851	885	1,736	12	108	120	61	1,917
EPD	163	19	182	-	17	17	52	251
ECD	543	602	1,145	170	543	713	258	2,116
VPD	<u>2</u>	<u>-</u>	<u>2</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>2</u>
	1,559	1,506	3,065	182	668	850	371	4,286
<u>CPS</u>								
AGP	55	22	77	48	90	138	6	221
TRP	254	234	488	14	29	43	117	648
URB	138	183	221	107	53	160	6	387
EWT	37	29	66	36	57	93	11	170
EDP	19	22	41	30	51	81	-	122
NDP	-	-	-	-	43	43	17	60
TMP	-	-	-	31	45	76	-	76
Other	<u>3</u>	<u>-</u>	<u>3</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>50</u>	<u>53</u>
	506	390	896	266	368	634	207	1,737
<u>Regions</u>	<u>4</u>	<u>6</u>	<u>10</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>117</u>	<u>127</u>
	2,069	1,902	3,971	448	1,036	1,484	695	6,150
FY77 Budget figures (page 40)	2,047	3,152	5,199	n.a.	n.a.	(2,182)		7,381
FY78 Budget figures 1/ (page 22)	2,050	2,880	5,930	n.a.	n.a.	(3,570)		8,500

1/ Using 108 as deflator for FY77 to FY76 \$.

Table 5

Research Proportions
(\\$m)

	<u>Budget</u>	<u>RPO</u>	<u>Total</u>	<u>Research</u>		<u>Percentage</u>	
				(a)	(b)	(a)	(b)
<u>DPS</u>							
DRC <u>1/</u>	1.52	.85	2.37	1.92	1.07	81	70
EPD	4.36	.16	4.52	.25	.09	5	2
ECD <u>2/</u>	3.32	.54	3.86	2.12	1.58	55	48
<u>Other</u>	<u>1.86</u>	<u>-</u>	<u>1.86</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>
	11.06	1.56	12.62	4.29	2.74	34	25
<u>CPS</u>							
AGP	3.97	.06	4.03	.22	.16	5	4
TRP	1.41	.25	1.66	.65	.40	39	28
URB	3.39	.14	3.53	.39	.25	11	7
EWT	2.02	.04	2.06	.17	.13	8	6
EDP	1.12	.02	1.14	.12	.10	11	9
NDP	4.59	-	4.59	.06	.06	1	1
TMP	1.85	-	1.85	.08	.08	4	4
<u>Other</u>	<u>5.58</u>	<u>-</u>	<u>5.58</u>	<u>.05</u>	<u>.05</u>	<u>-</u>	<u>-</u>
	23.93	.51	24.44	1.74	1.23	7	5

(a) Research total; related to "total resources".

(b) Research without RPO funds; related to budget.

1/ If "A" figures used, research costs .09 less and percentages 73 and 64.

2/ If "A" figures used, research costs .07 less and percentages 53 and 45.

Those listed below

September 16, 1977

Orville F. Grimes, Jr., VPD

Panel to Review Research Proposal

1. A panel comprising Mr. H. G. van der Tak (Chairman), A. Freire, F. Lethem, M. Selowsky, and H. Thias has been established to review the attached research proposal on Thursday, September 22 at 3 p.m. in Room E1026.

Proposal

Staff Responsible

The Influence of Books on Learning

S. Heyneman
D. Jamison

2. The panel should seek to determine whether the issues raised by the proposed research are of relevance to the Bank, and whether, if so, the proposal gives sufficient promise that the study will be capable of dealing adequately with these issues. To aid in considering such questions, you will find attached a set of guidelines for preparation and submission of research proposals which illuminate many of the issues relevant for the panel discussion.

3. I would appreciate receiving the recommendations of the panel by Thursday, September 29.

Attachments

Distribution: Messrs. van der Tak, Freire, Lethem, Selowsky, Thias,
B. B. King

Cc: Mr. Heyneman

Cc(information): Messrs. T. King, Jamison (o/r), Habte, Zymelman
R. Johanson, Thint



OFFICE MEMORANDUM

A800

LAST NRIC

TO: ~~Those listed below~~

DATE: September 16, 1977

RES. - 504.

AK FROM: Orville F. Grimes, Jr., VPD *of*SUBJECT: Panel to Review Research Proposal *ing*

1. A panel comprising Mr. H. G. van der Tak (Chairman), A. Freire, F. Lethem, M. Selowsky, and H. Thias has been established to review the attached research proposal on Thursday, September 22 at 3 p.m. in Room E1026.

ProposalStaff ResponsibleThe Influence of Books on LearningS. Heyneman
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Attachments

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B. B. King

Cc: Mr. Heyneman

Cc(information): Messrs. T. King, Jamison (o/r), Habte, Zymelman
R. Johanson, Thint

Those listed below

September 13, 1977

Orville F. Grimes, Jr., VPD

Panel to Review Research Proposal

1. A panel comprising Messrs. H. Vergin (Chairman), G. Donaldson, N. Krafft, P. Nottidge, and M. Wolf has been established to review the attached research proposal on Monday, September 19 at 2:30 p.m. in Room C610.

<u>Proposal</u>	<u>Staff Responsible</u>
India: Impact of Agricultural Development on Employment and Poverty: Phase I	T. N. Srinivasan

2. The panel should seek to determine whether the issues raised by the proposed research are of interest to the Bank, and whether, if so, the proposal gives sufficient promise that the study itself will be capable of dealing adequately with these issues. To aid in considering such questions, you will find attached a set of guidelines for preparation and submission of research proposals which illuminate many of the issues relevant for the panel discussion.

3. I would appreciate receiving the recommendations of the panel by Monday, September 26.

Attachments

Distribution: Messrs. Vergin, Donaldson, Krafft, Nottidge, M. Wolf
cc: Messrs. Duloy, Srinivasan, B. B. King
cc (information): Messrs. E. B. Waide, Picciotto, Candler

OFGrimes:gm 

Mr. J. Blaxall, PAB

September 13, 1977

Benjamin B. King, VPD Signed B. B. King

Research Advisory Panel on Income
Distribution and Employment (RAPIDE)

1. This external panel, which was set up in response to the E.D's. desire to have an outside look at research, is now in being and will have to be financed. My suggestion is that, in the first instance, we charge it against the Research Budget (Item 670-92: Conferences).

2. This is, of course, not strictly research; it is more like evaluation. The reason for charging it against the research budget is a pragmatic one; it appears likely that, as long as we have the expected degree of slippage, we should be able to cover it. If, however, we should find ourselves tight, I would ask that P&B be prepared to cover any excess over our budgetary allowance.

- cc: Mr. Karaosmanoglu
- Mr. Vergin
- Mr. Grimes
- Mrs. Cleave
- Mr. Beenstock

BBKing:gm

Res - Gen

WORLD BANK / IFC
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(TELEGRAM/CABLE/TELEX)

- IBRD
- IDA
- IFC
- ICSID

722-7780

TO: GERARDO SICAT
 NATIONAL ECONOMIC & DEVELOPMENT
 AUTHORITY
 P.O. BOX 1116, MANILA
 COUNTRY: PHILIPPINES

DATE: 9/13/77

ORIGINATOR'S EXT.: 4543

CLASS OF SERVICE:

Tely *fst*

CABLE NO. & TEXT: OUR PANEL ON INCOME DISTRIBUTION AND EMPLOYMENT AT THE WORLD
 BANK IS HOPING TO HAVE ITS FIRST MEETING ON OCTOBER TEN TO
 TWELVE IN WASHINGTON DC STOP PLEASE CONFIRM IF THIS IS
 POSSIBLE TO BEENSTOCK WORLD BANK

FISHLOW

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WISHTOM

POSSIBLE TO BEENSLOCK WORLD BANK
MEETING IN WASHINGTON DC 2300 PLEASE CONSIDER IF THIS IS
BANK IS HOPEING TO HAVE ITS FIRST MEETING ON OCTOBER TEN TO

CABLE NO & TEXT:

OUR BUREAU ON INCOME DISTRIBUTION AND EMPLOYMENT AT THE WORLD

CONTRIBUTOR:

ENTERPRISES
P.O. BOX 1174, MANILA
PHILIPPINES
NATIONAL ECONOMIC & DEVELOPMENT
TO: SEBASTO SICAR

SERVICE:
CLASS OF

ORIGINATOR'S EXT:

4244

DATE:

11/23/77

11-23-77

(TELEGRAM/CABLE/TELEX)

OUTGOING MESSAGE FORM

WORLD BANK / JFC

- ICSD
- JFC
- ADI
- BRB

WORLD BANK / IFC
OUTGOING MESSAGE FORM
(TELEGRAM/CABLE/TELEX)

Res - Gen

- IBRD
- IDA
- IFC
- ICSID

(RAPIDE)

TO: JUSTINIAN RWEYEMAMU
 THE STATE HOUSE
 P.O. BOX 9120, DAR ES SALAAM

DATE: SEPTEMBER 13, 1977

ORIGINATOR'S EXT.: 4543

COUNTRY: TANZANIA

CLASS OF SERVICE:

LT/PCA

CABLE NO. & TEXT: OUR PANEL ON INCOME DISTRIBUTION AND EMPLOYMENT AT THE WORLD BANK IS HOPING TO HAVE ITS FIRST MEETING ON OCTOBER TEN TO TWELVE IN WASHINGTON DC STOP PLEASE CONFIRM IF THIS IS POSSIBLE STOP OCTOBER THREE TO FIVE IMPOSSIBLE PLEASE CONFIRM TO BEENSTOCK WORLD BANK

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COMMUNICATIONS
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COMPLIM TO BEERSTOCK MOVED BANK

POSSIBLE STOP OCTOBER THREE TO FIVE IMPOSSIBLE PLEASE

EMERGE IN WASHINGTON DC STOP PLEASE COMPLIM IF THIS IS

BANK IS MOVING TO HAVE ITS FIRST MEETING ON OCTOBER TEN TO

CABLE NO & TEXT: ONE PARAGR ON INCOME DISTRIBUTION AND EMPLOYMENT AT THE WORLD

COUNTRY: JAMAICA

SERVICE: CLASS OF

P.O. BOX 2130, DUB ES SALVAM
THE STATE HOUSE

ORIGINATOR'S EXT: 4243

TO: JAMAICAN REPRESENTATIVE

DATE: SEPTEMBER 13, 1977

AP/TL

(TELEGRAM/CABLE/TELEX)
OUTGOING MESSAGE FORM
WORLD BANK / IEC

- ICSD
- IEC
- ADP
- IRRD

100 - 2000

Distribution below

September 13, 1977


B. B. King, VPD Signed B. B. King

Research Allocations, FY78

1. The attached lists show the revised financial allocations for all research projects in your department.
2. Table 1 summarizes authorizations and expenditures for each project from FY76 onward. The "total authorization" for each project, which refers to the total amount authorized for FY76 and all subsequent years without further submission to the Research Committee, appears in Column 1. Expenses in FY76 and FY77 are subtracted, and the remainder is available for commitment in FY78 (Column 4) unless there are already commitments for FY79 or beyond (Column 5).
3. Table 2 provides a breakdown of FY77 expenses into disbursements and accruals, and shows the adjustments made for over- or underdisbursements against FY76 accruals. Column 6, Table 2 is thus the same as Column 3, Table 1. Funds available for commitment in FY78 (Column 9-- the same as Column 4, Table 1) are derived by adjusting the existing FY78 authorization, if any, for performance in FY77.
4. Project supervisors should consider carefully whether a portion of the funds shown as available during FY78 (Column 4, Table 1) might not be required until later. If they would suggest a different allocation of remaining funds than that shown in Columns 4 and 5, a word to this office as soon as possible would be appreciated.
5. Supervisors are further reminded that commitments in excess of the total authorization will not be approved unless a memorandum is sent to the Secretary of the Research Committee, stating the reasons.

Attachments

For distribution, see next page.

OFGrimes:gm 

Distribution

DRC: Mr. Duloy
Ms. Stout
Mr. Stoutjesdijk

EPD: Mrs. Hughes
Ms. Hidalgo-Gato

DED: Mr. Avramovic
Mr. Stoutjesdijk
Mr. Lowther

CPS: Messrs. Habte, Hultin, Gilpin, Zymelman, Futagami, R. Gomez
Willoughby, Harral
Jaycox, Rathnam
Yudelman, Hotes, Donaldson
Rovani, Ms. Peter

Regions: Mrs. Lele
Mr. Serageldin
Messrs. Bachmann, Meimaris, Ginnsz

All lists: Messrs. Doud, Panickaveetil, S. Perch, Grimes,
Mrs. Stone, Mrs. Hazzah

Table 1: SUMMARY OF AUTHORIZATIONS AND EXPENDITURES

Development Research Center (List 1)

<u>Project Code</u>	<u>Title</u>	<u>Total Authorization a/</u> (1)	<u>Expenses, FY76</u> (2)	<u>Expenses, FY77</u> (3)	<u>Available for Commitment FY78</u> (4)	<u>Remainder of Total Authorization</u> (5)
<u>Office of Director</u>						
670-01	Development Strategies in Semi-Industrial Countries	4.0	2.0 b/	0.7 b/	1.3	-
670-87	Industrial Policies & Economic Integration in West Africa	17.0	12.2	3.0	1.8	-
671-27	Social Accounts & Development Models	117.7	41.4	62.4	13.9	-
671-35	Export Incentives in Developing Countries	177.0	44.8	52.1	80.1	-
671-45	Programming & Designing Investment: Indus Basin	270.0	-	53.4	121.6	95.0
	Sub-Total	585.7	100.4	171.6	218.7	95.0
<u>Income Distribution</u>						
670-06	Short-run & Long-run Influences upon Income Distribution	22.6	6.9	10.7	5.0	-
670-83	Evaluation of Latin American Data on Income Distribution	62.2	70.6	9.9	-	-
671-08	Evaluation of Asian Data on Income Distribution	150.4	51.7	40.0	58.7	-
671-33	Ability Characteristics as Factors of Production	19.5	7.3	1.3	10.9	-
671-36	Income Distribution in Thailand	43.0	12.2	25.6	5.2	-
671-39	Price Intervention in Agriculture	4.8	2.4	2.8	-	-
671-41	Indirect Estimation of the Size Distribution of Income	13.0	2.4	17.6	-	-
	Sub-Total	315.5	153.5	107.9	79.8	-
<u>Development Planning</u>						
670-73	Rural Development in Northeast Brazil	108.0	55.1	44.0	8.9	-
670-86	Prototype Models for Country Analysis	190.0	122.9	96.8	-	-
671-17	The Analytics of Change in Rural Communities	151.1	76.7	46.6	27.8	-
671-29	Agricultural Pricing & Storage Policies in East Africa	73.0	43.4	49.3	-	-
671-43	The Consequences of Risk for Agricultural Policy	48.0	-	25.4	22.6	-
	Sub-Total	570.1	298.1	262.1	59.3	-
<u>Special Topics</u>						
670-23	Scope for Capital-Labor Substitution in the Mechanical Engineering Industry	16.5	8.5	8.0	-	-
670-24	Programming in the Manufacturing Sector	78.5	36.5	28.5	13.5	-
671-09	Natural Resources & Planning - Issues in Trade & Investment	145.0	65.9	54.9	24.2	-
	Sub-Total	240.0	110.9	91.4	37.7	-
	TOTAL	1,711.3	662.9	633.0	395.5	95.0

a/ Budget authorizations for FY76 and subsequent years.

b/ Excludes disbursements of \$11,900 in FY76 and \$8,800 in FY77 against commitments in previous years.

Table 1: SUMMARY OF AUTHORIZATIONS AND EXPENDITURES

Economic Analysis and Projections Department (List 2)

<u>Project Code</u>	<u>Title</u>	<u>Total Authorization</u> <u>a/</u> (1)	<u>Expenses, FY76</u> (2)	<u>Expenses, FY77</u> (3)	<u>Available for Commitment FY78</u> (4)	<u>Remainder of Total Authorization</u> (5)
670-68	International Comparison Project	330.0	127.1	203.0	-	-
671-23	Agricultural Commodity Projections	10.0	8.1	-	1.9	-
671-28	Linkage of Commodity & Country Models	<u>100.5</u>	<u>27.5</u>	<u>30.0</u>	<u>43.0</u>	<u>-</u>
	Sub-Total	440.5	162.7	233.0	44.9	-

a/ Budget authorizations for FY76 and subsequent years.

Table 1: SUMMARY OF AUTHORIZATIONS EXPENDITURES

Development Economics Department (List 3)

Project Code	Title	Total Authorization <u>a/</u> (1)	Expenses, FY76 (2)	Expenses, FY77 (3)	Available for Commitment FY78 (4)	Remainder of Total Authorization (5)
<u>Office of Director</u>						
671-06	Employment Models & Projections	104.2	77.0	24.1	3.1	-
671-24	Simulation of Buffer Stocks	<u>30.0</u>	<u>5.4</u>	<u>10.9</u>	<u>13.7</u>	-
	Sub-Total	134.2	82.4	35.0	16.8	-
<u>Economics of Industry</u>						
671-05	Patterns of Industrial Development	45.0	27.7	17.2	0.1	-
671-32	A Comparative Study of the Sources of Industrial Growth & Structural Change	111.7	56.5	42.6	12.6	-
671-51	Appropriate Industrial Technology	26.8	-	-	24.0	2.8
671-56	Marketing Manufactured Exports	<u>32.5</u>	-	-	<u>17.9</u>	<u>14.6</u>
	Sub-Total	216.0	84.2	59.8	54.6	17.4
<u>Urban & Regional Economics</u>						
670-70	Urban Public Finance & Administration	13.7	-	3.4	10.3	-
671-18	Pricing & Financing of Urban Public Services: Water Supply & Sewage Disposal	25.2	22.8	1.8	0.6	-
671-37	Analyzing the Effects of Urban Housing Policies in Developing Countries	32.2	10.0	22.2	-	-
671-47	Strategic Planning to Accommodate Rapid Growth in LDC Cities	135.0	-	30.4	104.6	-
671-53	El Salvador Health Study	<u>57.0</u>	-	-	<u>27.0</u>	<u>30.0</u>
	Sub-Total	263.1	32.8	57.8	142.5	30.0
<u>Population & Human Resources</u>						
670-99	Economic Aspects of Household Fertility Behavior & Labor Supply in Northeast Brazil	9.0	3.7	0.2	-	-
671-02	Population Growth & Rural Poverty	41.1	25.3	13.7	2.1	-
671-03	Maximizing Usefulness of Household Surveys	2.4	-	2.4	-	-
671-19	Economic Development & Educational Reform	30.2	28.1	2.4	-	-
671-26	Migration Patterns in West Africa	61.0	28.4	13.1	19.5	-
671-38	Narangwal Population & Nutrition	103.0	53.5	61.1	-	-
671-40	International Review Group on Research in Population & Development	20.0	20.0	-	-	-
671-49	Education & Rural Development in Nepal	<u>110.7</u>	-	<u>30.4</u>	<u>55.4</u>	<u>24.9</u>
	Sub-Total	377.4	159.0	123.3	77.0	24.9
<u>Employment & Rural Development</u>						
670-45	Labor Force Participation, Income, & Unemployment	65.5	48.4	20.5	-	-
671-30	Structure of Rural Employment, Income, & Labor Markets	100.0	12.7	8.6	78.7	-
671-31	A Comparative Analysis of Rural-Urban Labor Market Interactions	30.0	22.2	-1.9	9.7	-
671-48	Urban Labor Markets in Latin America	<u>43.6</u>	-	<u>5.5</u>	<u>38.1</u>	-
	Sub-Total	239.1	83.3	32.7	126.5	-
<u>Public Finance</u>						
670-96	Distributive Impact of Public Expenditures	39.0	25.2	14.9	-	-
671-25	Commercial Bank Behavior	<u>50.0</u>	<u>35.2</u>	<u>4.9</u>	<u>9.9</u>	-
	Sub-Total	89.0	60.4	19.8	9.9	-
	TOTAL	1,318.8	502.1	328.4	427.3	72.3

a/ Budget authorizations for FY76 and subsequent years.

Table 1: SUMMARY OF AUTHORIZATIONS AND EXPENDITURES (FY76-78)

Project Code	Title	Total Authorization ^{a/} (1)	Expenses, FY76 (2)	Expenses, FY77 (3)	Available for Commitment FY78 (4)	Remainder of Total Authorization (5)
<u>Education Department</u>						
670-78	Project Evaluation Methodology: Education Attainments	31.4	18.7	12.7	-	-
671-52	Occupational Structures of Industries	73.6	-	-	61.5	12.1
671-54	Economics of Educational Radio	<u>61.0</u>	-	<u>4.0</u>	<u>57.0</u>	-
	TOTAL	166.0	18.7	16.7	118.5	12.1
<u>Transportation Department</u>						
670-26	Substitution of Labor & Equipment in Civil Construction	200.0	101.7	101.4	-	-
670-27	Highway Design Study, Phase II	323.5	55.1	115.4	125.0	28.0
671-13	Port Pricing & Investment Policies for Developing Countries	14.0	16.9	6.2 ^{b/}	-	-
671-14	Madagascar Feeder Road Study	62.5	55.9 ^{c/}	14.2	2.3 ^{d/}	-
671-15	Effects of Health & Nutrition Standards on Worker Productivity	35.0	24.1	13.6	-	-
671-50	Economic Role of Railways	<u>31.5</u>	-	<u>10.8</u>	<u>20.7</u>	-
	TOTAL	666.5	253.7	261.6	148.0	28.0
<u>Urban Projects Department</u>						
671-20	Urban Traffic Restraint (Singapore)	95.7	122.6	7.3	^{e/}	-
<u>Agriculture & Rural Development Department</u>						
670-89	Development Strategies for Smallholder Agriculture in Yugoslavia	5.0	2.0	0.8	2.2	-
671-34	Management & Organization of Irrigation Projects	158.5	35.4	25.0	98.1	-
671-42	Country Case Studies of Agricultural Prices & Subsidies	205.2	-	186.1	19.1	-
671-44	Agricultural Innovation & Rural Development	<u>69.7</u>	-	<u>54.1</u>	<u>15.6</u>	-
	TOTAL	438.4	37.4	266.0	135.0	-
<u>Energy, Water & Telecommunications Department</u>						
670-67	Standards of Reliability of Urban Electricity Supply	73.3	12.1	64.6	-	-
671-46	Appropriate Technology for Water & Waste Disposal	<u>549.4</u>	-	<u>168.1</u>	<u>358.3</u>	<u>23.0</u>
	TOTAL	622.7	12.1	232.7	358.3	23.0

^{a/} Budget authorizations for FY76 and subsequent years.

^{b/} Includes \$8,500 reacrued in FY77. See Table 2.

^{c/} Exceeds FY76 authorization by \$9,900.

^{d/} Remainder of FY77 authorization.

^{e/} To be determined.

Table 1: SUMMARY OF AUTHORIZATIONS AND EXPENDITURES (List 5)

<u>Project Code</u>	<u>Title</u>	<u>Total Authorization</u> <u>a/</u> (1)	<u>Expenses, FY76</u> (2)	<u>Expenses, FY77</u> (3)	<u>Available for Commitment FY78</u> (4)	<u>Remainder of Total Authorization</u> (5)
<u>Eastern Africa Region</u>						
670-93	Evaluation of Lilongwe Land Development Program	-	0.9	2.5 <u>b/</u>	-	-
<u>Europe, Middle East, and North Africa Region</u>						
671-55	Retention of Literacy/Numeracy Skills Among School Leavers	43.0	-	1.9	41.1	-
<u>Western Africa Region</u>						
671-57	Distribution of Income through the Extended Family System	175.3	-	-	165.3	10.0

a/ Budget authorizations for FY76 and subsequent years.

b/ Of which \$600 accrual. See Table 2.

Table 2: FY77 EXPENSES AND FY78 AVAILABILITY

Development Research Center (List 1)

Project Code	Title	Available for Commitment in FY77 (1)	-----FY77 Expenses-----					Availability for ----Commitment in FY78----		
			Disbursements (2)	Accruals (3)	Sub-Total (4)	Adjustment for FY76 Accruals a/ (5)	Total (6)	From FY77 b/ (7)	FY78 Auth. (8)	Total c/ (9)
<u>Office of Director</u>										
670-01	Development Strategies in Semi-Industrial Countries	2.0	0.6	0.1	0.7	-	0.7 d/	1.3	-	1.3
670-87	Industrial Policies & Economic Integration in West Africa	4.8	2.5	1.4	3.9	-0.9	3.0	1.8	-	1.8
671-27	Social Accounts & Development Models	69.3	55.0	5.9	60.9	1.5	62.4	6.9	7.0	13.9
671-35	Export Incentives in Developing Countries	84.2	27.7	22.1	49.8	2.3	52.1	32.1	48.0	80.1
671-45	Programming & Designing Investment: Indus Basin	85.0	53.4	-	53.4	-	53.4	31.6	90.0	121.6
	Sub-Total	245.3	139.2	29.5	168.7	2.9	171.6	73.7	145.0	218.7
<u>Income Distribution</u>										
670-06	Short-run & Long-run Influences upon Income Distribution	15.7	4.5	6.2	10.7	-	10.7	5.0	-	5.0
670-83	Evaluation of Latin American Data on Income Distribution	13.6	9.6	22.8	32.4	-22.5	9.9	- e/	-	- e/
671-08	Evaluation of Asian Data on Income Distribution	78.7	39.6	-	39.6	0.4	40.0	38.7	20.0	58.7
671-33	Ability Characteristics as Factors of Production	12.2	-0.1	1.0	0.9	0.4	1.3	10.9	-	10.9
671-36	Income Distribution in Thailand	21.1	14.6	10.7	25.3	0.3	25.6	-4.5	9.7	5.2
671-39	Price Intervention in Agriculture	2.4	0.1	2.4	2.5	0.3	2.8	-	-	-
671-41	Indirect Estimation of the Size Distribution of Income	10.6	6.6	11.0	17.6	-	17.6	-	-	-
	Sub-Total	154.3	74.9	54.1	129.0	-21.1	107.9	50.1	29.7	79.8
<u>Development Planning</u>										
670-73	Rural Development in Northeast Brazil	52.9	41.4	2.8	44.2	-0.2	44.0	8.9	-	8.9
670-86	Prototype Models for Country Analysis	67.1	91.9	17.8	109.7	-12.9	96.8	-	-	-
671-17	The Analytics of Change in Rural Communities	50.1	47.5	5.0	52.5	-5.9	46.6	3.5	24.3	27.8
671-29	Agricultural Pricing & Storage Policies in East Africa	29.6	49.0	3.3	52.3	-3.0	49.3	-	-	-
671-43	The Consequences of Risk for Agricultural Policy	28.0	20.9	4.5	25.4	-	25.4	2.6	20.0	22.6
	Sub-Total	227.7	250.7	33.4	284.1	-22.0	262.1	15.0	44.3	59.3
<u>Special Topics</u>										
670-23	Scope for Capital-Labor Substitution in the Mechanical Engineering Industry	8.0	8.0	-	8.0	-	8.0	-	-	-
670-24	Programming in the Manufacturing Sector	42.0	20.3	9.4	29.7	-1.2	28.5	13.5	-	13.5
671-09	Natural Resources & Planning - Issues in Trade & Investment	69.1	25.4	41.3	66.7	-11.8	54.9	14.2	10.0	24.2
	Sub-Total	119.1	53.7	50.7	104.4	-13.0	91.4	27.7	10.0	37.7
	TOTAL	746.4	518.5	167.7	686.2	-53.2	633.0	166.5	229.0	395.5

a/ + = excess of FY76 accrual disbursements over FY76 accrual.

- = shortfall of FY76 accrual disbursements from FY76 accrual.

b/ Column (1) less column (6).

c/ Column (7) plus column (8).

d/ Excludes disbursements of \$8,800 in FY77 against commitments in previous years.

e/ FY78 funding to be determined in light of disposition of FY77 accrual (\$22,800).

Table 2: FY77 EXPENSES AND FY78 AVAILABILITY

Economic Analysis & Projections (List 2)

Project Code	Title	Available for Commitment in FY77 (1)	-----FY77 Expenses-----				Availability for -----Commitment in FY78-----			
			Disbursements (2)	Accruals (3)	Sub-Total (4)	Adjustment for FY76 Accruals a/ (5)	Total (6)	From FY77 b/ (7)	FY78 Auth. (8)	Total c/ (9)
670-68	International Comparison Project	112.9	200.0	-	200.0	3.0	203.0	-90.1	90.0	-
671-23	Agricultural Commodity Projections	1.9	-	-	-	-	-	1.9	-	1.9
671-28	Linkage of Commodity & Country Models	<u>31.0</u>	<u>20.0</u>	<u>10.0</u>	<u>30.0</u>	-	<u>30.0</u>	<u>1.0</u>	<u>42.0</u>	<u>43.0</u>
	TOTAL	145.8	220.0	10.0	230.0	3.0	233.0	-87.2	132.0	44.9

a/ + = excess of FY76 accrual disbursements over FY76 accrual.
 - = shortfall of FY76 accrual disbursements from FY76 accrual.

b/ Column (1) less column (6).

c/ Column (7) plus column (8).

Table 2: FY77 EXPENSES AND FY78 AVAILABILITY

Development Economics Department (List 3)

Project Code	Title	Available for Commitment in FY77 (1)	-----FY77 Expenses-----					Availability for ----Commitment in FY78----		
			Disbursements (2)	Accruals (3)	Sub-Total (4)	Adjustment for FY76 Accruals a/ (5)	Total (6)	From FY77 b/ (7)	FY78 Auth. (8)	Total c/ (9)
<u>Office of Director</u>										
671-06	Employment Models & Projections	27.2	23.6	7.2	30.8	-6.7	24.1	3.1	-	3.1
671-24	Simulation of Buffer Stocks	24.6	7.6	3.3	10.9	-	10.9	13.7	-	13.7
	Sub-Total	51.8	31.2	10.5	41.7	-6.7	35.0	16.8	-	16.8
<u>Economics of Industry</u>										
671-05	Patterns of Industrial Development	17.3	16.6	-	16.6	0.6	17.2	0.1	-	0.1
671-32	A Comparative Study of the Sources of Industrial Growth & Structural Change	41.1	23.2	23.8	47.0	-4.4	42.6	-1.5	14.1	12.6
671-51	Appropriate Industrial Technology	-	-	-	-	-	-	-	24.0	24.0
671-56	Marketing Manufactured Exports	-	-	-	-	-	-	-	17.9	17.9
	Sub-Total	58.4	39.8	23.8	63.6	-3.8	59.8	-1.4	56.0	54.6
<u>Urban & Regional Economics</u>										
670-70	Urban Public Finance & Administration	3.5	3.4	-	3.4	-	3.4	0.1	10.2	10.3
671-18	Pricing & Financing of Urban Public Services: Water Supply & Sewage Disposal	2.4	1.3	3.1	4.4	-2.6	1.8	0.6	-	0.6
671-37	Analyzing the Effects of Urban Housing Policies in Developing Countries	22.2	15.0	7.2	22.2	-	22.2	-	-	-
671-47	Strategic Planning to Accommodate Rapid Growth in LDC Cities	35.0	16.6	13.8	30.4	-	30.4	4.6	100.0	104.6
671-53	El Salvador Health Study	-	-	-	-	-	-	-	27.0	27.0
	Sub-Total	63.1	36.3	24.1	60.4	-2.6	57.8	5.3	137.2	142.5
<u>Population & Human Resources</u>										
670-99	Economic Aspects of Household Fertility Behavior & Labor Supply in Northeast Brazil	5.3	0.2	-	0.2	-	0.2	-	-	-
671-02	Population Growth & Rural Poverty	15.8	13.1	0.5	13.6	0.1	13.7	2.1	-	2.1
671-03	Maximizing Usefulness of Household Surveys	2.4	2.4	-	2.4	-	2.4	-	-	-
671-19	Economic Development & Educational Reform	2.1	4.3	2.1	6.4	-4.0	2.4	-	-	-
671-26	Migration Patterns in West Africa	32.6	6.7	8.3	15.0	-1.9	13.1	19.5	-	19.5
671-38	Narangwal Population & Nutrition	49.5	15.9	87.2	103.1	-42.0	61.1	-	-	-
671-49	Education and Rural Development in Nepal	28.3	19.6	10.8	30.4	-	30.4	-2.1	57.5	55.4
	Sub-Total	136.0	62.2	108.9	171.1	-47.8	123.3	19.5	57.5	77.0
<u>Employment & Rural Development</u>										
670-45	Labor Force Participation, Income & Unemployment	17.1	14.3	20.6	34.9	-14.4	20.5	-	-	-
671-30	Structure of Rural Employment, Income, & Labor Markets	87.3	5.1	3.6	8.7	-0.1	8.6	78.7	-	78.7
671-31	A Comparative Analysis of Rural-Urban Labor Market Interactions	7.8	0.2	0.2	0.4	-2.3	-1.9	9.7	-	9.7
671-48	Urban Labor Markets in Latin America	20.1	3.0	2.5	5.5	-	5.5	14.6	23.5	38.1
	Sub-Total	132.3	22.6	26.9	49.5	-16.8	32.7	103.0	23.5	126.5
<u>Public Finance</u>										
670-96	Distributive Impact of Public Expenditures	13.8	14.9	1.0	15.9	-1.0	14.9	-	-	-
671-25	Commercial Bank Behavior	14.8	5.0	-	5.0	-0.1	4.9	9.9	-	9.9
	Sub-Total	28.6	19.9	1.0	20.9	-1.1	19.8	9.9	-	9.9
	TOTAL	470.2	212.0	195.2	407.2	-78.8	328.4	153.1	274.2	427.3

a/ + = excess of FY76 accrual disbursements over FY76 accrual.
 - = shortfall of FY76 accrual disbursements from FY76 accrual.
 b/ Column (1) less column (6).
 c/ Column (7) plus column (8).

Project Code	Title	Available for Commitment in FY77 (1)	-----FY77 Expenses-----				Availability for ----Commitment in FY78----			
			Disbursements (2)	Accruals (3)	Sub-Total (4)	Adjustment for FY76 Accruals a/ (5)	Total (6)	From FY77 b/ (7)	FY78 Auth. (8)	Total c/ (9)
<u>Education Department</u>										
670-78	Project Evaluation Methodology: Education Attainments	12.7	-	21.4	21.4	-8.7	12.7	-	-	-
671-52	Occupational Structures of Industries	-	-	-	-	-	-	-	51.5	61.5
671-54	Economics of Educational Radio	7.5	-	4.0	4.0	-	4.0	3.5	53.5	57.0
	TOTAL	20.2	-	25.4	25.4	-8.7	16.7	3.5	115.0	118.5
<u>Transportation Department</u>										
670-26	Substitution of Labor & Equipment in Civil Construction	98.3	101.7	-	101.7	-0.3	101.4	-	-	-
670-27	Highway Design Study, Phase II	140.4	73.9	33.1	107.0	8.4	115.4	25.0	100.0	125.0
671-13	Port Pricing & Investment Policies for Developing Countries	-	6.2	8.5	14.7	-8.5	6.2	-	-	-
671-14	Madagascar Feeder Road Study	16.5	10.1	5.0	15.1	-0.9	14.2	2.3	-	2.3
671-15	Effects of Health & Nutrition Standards on Worker Productivity	10.9	-	14.3	14.3	-0.7	13.6	-	-	-
671-50	Economic Role of Railways	10.7	-	10.8	10.8	-	10.8	-0.1	20.8	20.7
	TOTAL	276.8	191.9	71.7	263.6	-2.0	261.6	27.2	120.8	148.0
<u>Urban Projects Department</u>										
671-20	Urban Traffic Restraint (Singapore)	25.0	7.7	16.2	23.9	-16.6	7.3	d/	-	d/
<u>Agriculture & Rural Development Department</u>										
670-89	Development Strategies for Smallholder Agriculture in Yugoslavia	3.0	-	-	-	0.8	0.8	2.2	-	2.2
671-34	Management & Organization of Irrigation Projects	34.6	5.0	20.0	25.0	-	25.0	9.6	88.5	98.1
671-42	Country Case Studies of Agricultural Prices & Subsidies	205.2	150.1	36.0	186.1	-	186.1	19.1	-	19.1
671-44	Agricultural Innovation & Rural Development	61.7	44.2	9.9	54.1	-	54.1	7.6	8.0	15.6
	TOTAL	304.5	199.3	65.9	265.2	0.8	266.0	38.5	96.5	135.0
<u>Energy, Water & Telecommunications Department</u>										
670-67	Standards of Reliability of Urban Electricity Supply	61.2	41.6	23.4	65.0	-0.4	64.6	-	-	-
671-46	Appropriate Technology for Water & Waste Disposal	198.9	118.7	49.4	168.1	-	168.1	30.8	327.5	358.3
	TOTAL	260.1	160.3	72.8	233.1	-0.4	232.7	30.8	327.5	358.3

a/ + = excess of FY76 accrual disbursements over FY76 accrual.
 - = shortfall of FY76 accrual disbursements from FY76 accrual.

b/ Column (1) less column (6).

c/ Column (7) plus column (8).

d/ To be determined.

Table 2: FY77 EXPENSES AND FY78 AVAILABILITY (List 5)

Project Code	Title	Available for Commitment in FY77 (1)	-----FY77 Expenses-----					Availability for ----Commitment in FY78----		
			Disbursements (2)	Accruals (3)	Sub-Total (4)	Adjustment for FY76 Accruals a/ (5)	Total (6)	From FY77 b/ (7)	FY78 Auth. (8)	Total c/ (9)
<u>Europe, Middle East & North Africa</u>										
671-55	Retention of Literacy/Numeracy Skills Among School Leavers	<u>6.2</u>	<u>-</u>	<u>1.9</u>	<u>1.9</u>	<u>-</u>	<u>1.9</u>	<u>4.3</u>	<u>36.8</u>	<u>41.1</u>
<u>Eastern Africa</u>										
670-93	Evaluation of Lilongwe Land Development Program	<u>-</u>	<u>0.2</u>	<u>0.6</u>	<u>0.8</u>	<u>1.7</u>	<u>2.5</u>	<u>-</u>	<u>-</u>	<u>-</u>
<u>Western Africa</u>										
671-57	Distribution of Income through the Extended Family System	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>165.3</u>	<u>165.3</u>
<u>Office of the Vice President, Development Policy</u>										
670-92	Conferences	<u>50.2</u>	<u>16.4</u>	<u>2.8</u>	<u>19.2</u>	<u>0.2</u>	<u>19.4</u>	<u>30.8</u>	<u>25.0</u>	<u>55.8</u>
	TOTAL	2,339.9	1,561.0	632.2	2,193.2	-155.7	2,037.5	307.4	1,522.1	1,829.5

a/ + = excess of FY76 accrual disbursements over FY76 accrual.
 - = shortfall of FY76 accrual disbursements from FY76 accrual.
 b/ Column (1) less column (6).
 c/ Column (7) plus column (8).

Those listed below

September 8, 1977

Orville F. Grimes, Jr., VPD

Panel to Review Research Proposal

1. A panel consisting of Messrs. B. Balassa (Chairman), J. Gunning, S. Sandstrom, C. Taylor, and G. West* has been established to review the attached research proposal on Thursday, September 15 at 3 p.m. in Room N231.

<u>Proposal</u>	<u>Staff Responsible</u>
A General Algebraic Modeling System	A. Meeraus J. Bisschop

2. As is customary, the panel should seek answers to questions like (a) Are the issues raised by the proposed research of interest to the Bank? and (b) Is the study so designed as to deal meaningfully with these issues? To aid in considering these questions, I attach a set of guidelines for the preparation and submission of research proposals which illuminate many of the issues relevant for the panel discussion.

3. The recommendations of the panel should be sent to me by Thursday, September 22.


* Participation to be confirmed.

Attachments

Distribution: Messrs. Balassa, Gunning, Sandstrom, C. Taylor, G. West, B. B. King

cc: Messrs. Meeraus, Bisschop

cc (information): Messrs. Duloy, Candler

OFGrimes:gm 

Messrs. B. de Vries, G. Hyde, F. Kahnert,
G. Maniatis, D. Turnham
Orville F. Grimes, Jr., VPD

September 7, 1977

Panel to Review Research Proposal on Small-Scale
Enterprises Development

1. The above members of the Working Group on Small-Scale Enterprises Research have agreed to meet as a panel on Wednesday, September 14 at 3 p.m. in Room C910 to review this research proposal. The documents to be considered are the August 18 research proposal and the revised set of cost estimates distributed last week. Please contact my office (Ext. 6003) if you lack either of these documents.


2. The attached guidelines for the preparation and submission of research proposals should illuminate some of the issues that will likely arise in the course of the review.

3. I would much appreciate receiving a memorandum setting out the recommendations of the panel by Wednesday, September 21.

Attachments

cc: Messrs. I.M.D. Little, D. Anderson, Leiserson, Mazumdar,
B. B. King

cc (Information): Messrs. Bottelier, Nowicki, R. Stern,
C. Taylor, Ms. M. Cortez, Datta Mitra
Ms. M. Cortez, Datta Mitra

OFG:grimes:tg 

Distribution below

September 7, 1977

Orville F. Grimes, Jr., VPD

Project Narratives

I would appreciate your reminding supervisors of research projects that some of the information furnished in their project narratives, such as the completion date, may no longer be current. Minor changes may be made in the narratives until about September 30. We are not of course suggesting that supervisors undertake further editorial revisions. However, during this month it will be possible to incorporate a limited amount of new or updated information if necessary.

Distribution: Mr. Lowther
Ms. Stout
Ms. Hidalgo-Gato
Mr. Veraart
Mr. R. Gomez
Mr. Soncini
Ms. Peter
Ms. P. Moses
Mr. Rathnam

cc: Mrs. M. de Tchihatchef

OFG:tgf 

Res - Gen

Messrs. M. Ahluwalia and M. Leiserson

September 2, 1977

Benjamin B. King Signed B. B. King

RAPIDE

I failed to say in my last memo that Michael Beenstock is now installed as coordinator (or whatever) of RAPIDE. Please contact him (Ext. 4543) about any arrangements you wish to make and keep him informed (copies of papers, etc.).

cc: Messrs. Chenery (o/r)
Karasomanoglu
Duloy
Stoutjesdijk
Waide
Grimes
Ms. Mitchell (o/r)

BBKing:tqr

Mr. S. Heyneman, EDC

September 2, 1977

Kin Maung Thint, Chief LCPED

Draft Research Project Proposal - The Influence of Books on Learning

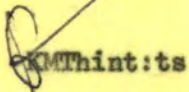
We have reviewed the above research proposal and consider that if it can provide supportable data to answer the question posed on page 11, paragraph 1 (a) "how much we can expect investments in textbooks to contribute to more efficiency in learning, and under what circumstances" the proposed project will be more than justified.

We would, however, have preferred an approach which would:

- (a) be confined to certain age-groups and subject areas;
- (b) take into consideration the content, the quality and ways of utilizing textbooks; and
- (c) assess "learning", wherever possible, not only by tests of memorization but also by its expression in life situations.

You might wish to take into consideration some of the points mentioned above during phase I of the project. In any event, we have no hesitation in endorsing this research proposal.

cc: Mr. Aklilu Habte EDC.
Mr. Kouros LCPED

Thint:ts

Mr. Orville F. Grimes, Jr. VPD

September 2, 1977

David Turnham, AGR

FY77 Research: Description and Resources

In reference to your July 22 memorandum to Mr. Yudelman, I find that two of the projects in question fall under my management responsibility: R113 ACC Rural Development Study and R114 Small-scale Fisheries Development. Under the former no departmental funds were spent in FY1977 as the research phase was completed in FY76. With regard to the latter, approximately \$13,680 were expended in consultant travel and fees. I attach the requested description of each of the above-mentioned projects. I regret the delay in transmitting this information to you.

Attachments

jo'd

cc: Mr. Yudelman

R113 ACC RURAL DEVELOPMENT STUDY

The ACC Rural Development Study was undertaken at the request of the Administrative Coordinating Committee of the UN. The purpose of the study was to assess the programs of the specialized agencies with respect to poverty-oriented rural development and make recommendations to the ACC regarding strengthening agency operations and improving interagency cooperation. The study was undertaken by consultants Khan and Hexner under a special one-time budget item authorized by Mr. McNamara for FY76. The published study and its recommendations were endorsed by the ACC on April 8, 1976.

R114 SMALL-SCALE FISHERIES AND RURAL DEVELOPMENT 1/
(with particular emphasis on fish farming
and related activities)

This study (56 pages) was undertaken with the following objectives in mind:

- a. to provide a technical, socio-economic and administrative overview of small-scale fisheries in general and aquaculture in particular; (this portion deals with fishing technology: fish processing, marketing and aquaculture vs. capture fisheries, infrastructure and capital equipments, institutional setting, and legal, social and environmental factors);
- b. to review past experiences in small-scale fisheries in the rural setting;
- c. to draw some conclusions on large- vs. small-scale fisheries, on appropriate technology, on nutritional impact, on integration into rural development projects/programs and on strategies for development; and
- d. to investigate possible roles for the Bank in small-scale fisheries development and particularly in aquaculture.

The study was undertaken by a consultant.

As a follow-up to the consultant's report, a first draft has been produced (38 pages) by the Rural Development and Nutrition Divisions entitled "Introduction to Aquaculture and a Brief Survey of Techniques, Potentials, Constraints and Prospects". This study was motivated by several factors, chief among which was the awareness that whereas the "new-style" rural development projects continue to generate benefits probably much in excess to what can be quantified, they are by and large focused on those with some access to land. Yet, something like one-third of the rural poor are landless who derive their income from non-farm employment. Given the increasing population pressure, increasingly limited opportunities to expand land under cultivation and the limited labor-absorptive capability of the agricultural sector, the study on aquaculture was undertaken as a modest contribution towards the search for non-agricultural productive employment possibilities.

1/ You erroneously refer to this study as "Small-scale Fisheries Development". I hope you incorporate the correct title in your final version.

RES. - GEN.
September 1, 1977

Professor Richard M. Bird
Institute for Policy Analysis
University of Toronto
150 St. George Street
Toronto, Ontario M5S 1A1
Canada

Dear Richard,


Bill Doebele and I appreciated your kind words about the Valorization study. Its appearance as a Bank Staff Working Paper, with the vicissitudes our research has been subject to, is indeed gratifying.

Thank you also for correcting our citation of your earlier paper (for which our apologies), a particularly timely improvement as we plan to reissue the paper shortly in a slightly different form. Johannes has added a good deal of his own material, strengthening to a considerable extent the discussion of revenue/expenditure patterns and collection performance. With some additional pruning, the paper should be suitable for submission as a combined effort to Land Economics or a comparable journal. Aside from its potential interest as an empirical inquiry into the issues raised in William Rhoads' and your earlier paper, it would publicize the forthcoming monographs by Johannes and Roy Bahl on municipal finance and (if ever completed!) by Bill Doebele and myself on land tenure and development. Johannes or I will ensure that you receive a copy of the final version.

With best regards,

Sincerely yours,

Orville F. Grimes, Jr.
Secretary to the
Research Committee
Development Policy

OFGrimes:tqr 

Res - Gen.

Messrs. M. Ahluwalia and M. Leiserson

August 31, 1977

Benjamin B. King

RAPIDE

1. Al Fishlow expects to arrive in Washington on Wednesday or Thursday, September 7 or 8 and stay through Friday. He will, no doubt, expect to see you. He tells me that you have also promised him an updated statement of priorities.
2. He would also like to take the opportunity to talk to the chairman of the panel on 670-69 (Taylor-Brazil).
3. I shall be seeing him on Friday since I will be away on Wednesday and Thursday.
4. By now, we have acceptances from Kuznets, Lewis, Solis and Sicat.

cc: Messrs. Chenery (o/r)
Duloy
Waide
Grimes
Beenstock

BBKing:tqr

OFFICE MEMORANDUM

TO: Mr. Benjamin B. King

DATE: August 26, 1977

FROM: Mats Hultin *Mats Hultin*SUBJECT: Annual Report 1978

1. I have been on mission and home leave and I have therefore not yet responded to your memo of June 21 about a new structure of the Bank's annual research report. I have furthermore only one major topic to propose for discussion.

2. To what extent should the Bank conduct basic research in such areas as education, population, transportation, public utilities? There are for instance in education, sectors which are of importance for our policies in education financing without being of direct economic or financial nature. We would therefore be interested in the findings of research in those sectors. I question however if we should conduct that research ourselves as I believe that we would have no comparative advantage in doing so. Such basic research would in most cases be better conducted by universities and other research institutions. We should limit our effort in those non-economic sectors to general studies or surveys about the state of the art and leave the field and experimental studies to others. You will however find that our research program comprises a mixture of surveys and field studies also in non-economic areas.

MH/sg

Mr. A. Karaosmanoglu

August 23, 1977

Benjamin B. King Signed B. B. King
Directors' Meeting

At last February's Board meeting, Hollis said:

"So I think that we now have tried to optimize within a known constraint, and the President has suggested that we make a study of what we would do with somewhat less restricted funds, having in mind the Bank's objectives, and that is what we plan to do over the next month." (months?)

Should we anticipate his return and ask people to think about what they might do with more--and also less.

BBKing:tr

Mr. Montague Yudelman, AGP

August 22, 1977

Benjamin B. King, VPD Signed B. B. King

Review Panels on Research

Thank you for your note of August 19. I know that the Advisory Panel existed and was present when it discussed Bank research in the summer of 1974. Since I am unaware of what it has done since, I would appreciate any documentation on its activities in this respect. Only then will it be possible to form a judgment on the prematurity of another panel, which could, in fact, be a resurrection (in whole or in part) of the old one. Who were the other stars in the galaxy?

cc: Messrs. van der Tak
Donaldson

BBKing:tqr

August 19, 1977

Mr. Sam Nilsson
Executive Secretary
The International Federation
of Institutes for Advanced Study
Ulriksdals Slott
S-17171 Solna, Sweden

Dear Mr. Nilsson:

I am replying to your letter of July 20 to Hollis Chenery asking about the availability of financial support for IFIAS.

The research undertaken by the World Bank is intended to be closely related to its operations. Much of it is carried out in collaboration with individual consultants or with other research institutions; preference is given to institutions in developing countries. The Bank has no allocation of funds to finance independent research in other institutions.

I regret to say, therefore, that we are unable to be of assistance to you.

Yours sincerely,

Signed B. B. King
Benjamin B. King
Benjamin B. King
Research Adviser
Development Policy

BBKing:tqr

Res - General

August 19, 1977

Professor Albert Fishlow
Department of Economics
University of California
Berkeley, California 94720

Dear Al,

I enclose all the papers that the panel, which is to evaluate the Lance Taylor project, has received except:

- (i) The manuscript itself. It may be a later version than the one you received, but I can give it to you when you come.
- (ii) Your review of it.

Bevan Waide, who is chief economist of the South Asia region, is the chairman. His telephone number is (202) 477-2397. He may call you before you come at the end of the month. If you have any questions, please feel free to ask him direct.

Yours sincerely,

Signed B. B. King
Benjamin B. King
Research Adviser
Development Policy

Enclosures

cc: Mr. Waide

Fishlow's home number: (415) 548-4703. Best time to catch him is 10:30 - 12:00 (i.e. 7:30 - 9:00 California time) at home.

BBKing:tqr

4. If you have any reactions or suggestions as to people for the next three groups, I would be glad to have them. Please send copies of any replies to Mr. van der Tak as well.

Distribution

Messrs. Chenery (o/r), Balassa, de Vries, Dubey, Jaycox,
Lerdau, Little, Picciotto, van der Tak, Vergin,
Waide

cc: Messrs. Weiner, Karaosmanoglu, Avramovic, Duloy,
Grimes (o/r)

August 16, 1977

Dr. R.F. Sturrock
Assistant Director
Wellcome Trust Research
Laboratories
P.O. Box 43640
Nairobi
KENYA

Dear Dr. Sturrock:

Thank you very much for your response to our request for your assistance in identifying sources of data and for your comments on our proposed research study of the economics of schistosomiasis control activities. We have found your comments as well as the reprints you sent us very useful.

Your comments on the transmission model, and measurement of "effectiveness" would be taken into account along with other responses we have obtained in subsequent reformulation of the empirical model.

We will keep you informed of the progress of our work and look forward to exchanging ideas.

Sincerely,

Fredrick L. Golladay *F.L. Golladay*
Office of Environmental
and Health Affairs

ABekele:fb

cc: Dr. J.A. Lee
Mr. F.L. Golladay

August 16, 1977

Dr. G. Webbe
Scientific Director
London School of Hygiene
and Tropical Medicine
Winches Farm Field Station
395 Hatfield Road
St. Albans Herts
ENGLAND

Dear Dr. Webbe:

Thank you very much for your response to our request for your assistance in identifying sources of data and for your comments on our proposed research study of the economics of schistosomiasis control activities. We are encouraged to learn of your plans to initiate data collection on the Bank's schistosomiasis control program in Upper Egypt. We would appreciate your assistance in obtaining access to these data as well as others you might know of.

As the initial phase of our work would be exploratory, knowledge of available data sets is essential in specification of the empirical model.

We will inform you of our progress and look forward to exchanging ideas.

Sincerely,

Fredrick L. Golladay *Golladay*
Office of Environmental
and Health Affairs

ABekele:fb
cc: Dr. J.A. Lee
Mr. F.L. Golladay

August 16, 1977

Dr. David J. Bradley
Director
Ross Institute of Tropical Hygiene
London School of Hygiene and
Tropical Medicine
Keppel Street (Gower Street)
London WC1E 7HT
ENGLAND

Dear Dr. Bradley:

Thank you very much for your response to our request for your assistance in identifying sources of data and for your comments on our proposed research study of the economics of schistosomiasis control activities.

We look forward to your comments and exchanging ideas.

Sincerely,

Fredrick L. Golladay *Golladay*
Office of Environmental
and Health Affairs

ABekele:fb
cc: Dr. J.A. Lee
Mr. F.L. Golladay

August 16, 1977

Dr. Warren M. Hirsch
Courant Institute of
Mathematical Sciences
New York University
251 Mercer Street
New York, New York 10012

Dear Dr. Hirsch:

Thank you very much for your response to our request for your assistance in identifying sources of data and your comments on our proposed research study of the economics of schistosomiasis control activities. We are pleased to learn of your continued interest in schistosomiasis modeling. While we are aware of differences in our approaches to the problem, we believe that the exchange of ideas will be mutually enriching.

Either I or my collaborator, Mr. Abraham Bekele, would like to personally contact you for further discussions on our visit to New York in the near future. We also hope you would visit our Office when you have the opportunity to come to Washington.

Sincerely,

Fredrick L. Golladay *F. L. Golladay*
Office of Environmental
and Health Affairs

ABekele:fb
cc: Dr. J.A. Lee
Mr. F.L. Golladay

August 16, 1977

Dr. William R. Jobin
Head, Human Ecology Division and
Executive Secretary, Caribbean
Committee for Bilharzia Research
Center for Energy and Environment
Research
Caparra Heights Station
San Juan
PUERTO RICO

Dear Dr. Jobin:

Thank you very much for your response to our request for assistance on identifying sources of data and for comments on our proposed research study of the economics of schistosomiasis control activities.

We are excited by your invitation to review the data you have on Puerto Rico in particular and on the 41 control projects you are reviewing for the EMCF report in general. At an appropriate time in the near future we would like to visit your Center to examine the data as well as solicit your professional judgment on our approach to the problem.

We will inform you of the progress of our work and look forward to exchanging ideas.

Sincerely,

Fredrick L. Golladay *Golladay*
Office of Environmental
and Health Affairs

ABekele:fb
cc: Dr. J.A. Lee
Mr. F.L. Golladay

August 16, 1977

Dr. Ernest Paulini
Escola de Engenharia
Universidade Federal
de Minas Gerais
30.000 - Belo Horizonte
Minas Gerais
BRAZIL

Dear Dr. Paulini:

Thank you very much for your response to our request for your assistance in identifying sources of data and for your comments on our proposed research study of the economics of schistosomiasis control activities.

We are pleased to learn of your plans to visit the United States in mid-September. Should you be passing through Washington, we would appreciate your visit to our Office.

We look forward to hearing from you.

Sincerely,

Fredrick L. Golladay *F. Golladay*
Office of Environmental
and Health Affairs

ABekele:fb
cc: Dr. J.A. Lee
Mr. F.L. Golladay

August 16, 1977

Dr. Joel E. Cohen
Professor of Populations
The Rockefeller University
1230 York Avenue
New York, New York 10021

Dear Dr. Cohen:

Thank you very much for your response to our request for your assistance in identifying sources of data and for your comments on our proposed research study of the economics of schistosomiasis control activities. We have found both your comments and enclosures very useful.

Your comments on the objective function and the transmission model will be incorporated into our model, along with other criticisms we have obtained, in subsequent reformulation of the empirical model.

We will inform you of the progress of our work and look forward to exchanging ideas.

Sincerely,

Fredrick L. Golladay *Golladay*
Office of Environmental
and Health Affairs

ABekele:fb
cc: Dr. J.A. Lee
Mr. F.L. Golladay

August 16, 1977

Dr. Klaus Dietz
Institut fur Medizinische Biometrie
Universitat Tubingen
Aulestrabe 2
7400 Tubingen-Lustnau
FEDERAL REPUBLIC OF GERMANY

Dear Dr. Dietz:

Thank you very much for your response to our request for your assistance in identifying sources of data and for your comments on our proposed research study of the economics of schistosomiasis control activities. We have found both your comments and enclosures very useful.

Your comments on the objective function and the transmission model will be incorporated into our model, along with other criticisms we have obtained, in subsequent reformulation of the empirical model.

Sincerely,

Fredrick L. Golladay *Golladay*
Office of Environmental
and Health Affairs

ABekele:fb
cc: Dr. J.A. Lee
Mr. E.L. Golladay

August 16, 1977

Dr. Andrew L. Gram
Gram/Phillips Associates, Inc.
1000 East Walnut Street - Suite 223
Pasadena, California 91106

Dear Dr. Gram:

Thank you very much for your response to our request for your assistance in identifying sources of data and for your comments on our proposed research study of the economics of schistosomiasis control activities.

We will soon follow-up the leads you have given us. Dr. Jobin in Puerto Rico and Dr. Davis of the World Health Organization have already responded to our requests. We trust that the data sets from these two sources will be accessible to us.

Communication with Rhodesian agencies is not feasible (for reasons I am sure you are aware of). The West German program in Egypt is potentially an excellent source of data and I will soon try to find out who to contact for information. As we intend to concentrate our efforts on S. haematobium and S. mansoni during the initial phases of our study, data on S. japonicum would not be needed until the final phase when we would try to generalize the most essential features of the empirical model. We would, however, still be interested in cataloging sources of data on the control of all species of human schistosomiasis.

We will inform you of our progress and look forward to further cooperation.

Sincerely,

Abraham Bekele *AB*
Office of Environmental
and Health Affairs

AB/fb

cc: Dr. J.A. Lee
Mr. F. Golladay w. incoming

Yellow

OFFICE MEMORANDUM

TO: Mr. D. Keesing, ECDND

DATE: August 15, 1977

FROM: Benjamin B. King, VPD *BBK*SUBJECT: New Research Project on Manufactured Exports

1. You seem to be attempting a number of things in this proposal:

- (i) Quantitative assessment of the role of "large-scale" activity; by industry; by type of activity (subsidiary, subcontracting, bulk purchase, etc.).
- (ii) Description of the process by which decisions are made by large-scale organizations.
- (iii) Economic or financial reasons which determine the timing of a shift from domestic to import or one importing country to another (does comparative advantage work the way we think it does?)
- (iv) Reasons (political?) for choosing one developing country over another, given equal "comparative advantage".
- (v) Forecasting in particular cases what is likely to happen over the next five years or so.

2. I would see some merit in spelling out what are the main objectives more precisely. While not ignoring the possible externalities of trying all at the same time, it seems likely that some of them will have to "give" a bit during the year (forecasting, for example).

3. Is it possible and, even if so, desirable to do some preliminary mapping of the dimensions from existing sources? Has the US Government (Commerce, Labor?) anything?

Res - General
(RAPIDE)

August 11, 1977

Dear Professor Raj:

As you may be aware, the Bank has over the last five years carried on a program of economic research on a substantially larger scale than hitherto. Although we regularly review within the Bank individual research projects as they are completed, this appears to be a good time to seek external advice on our progress to date and on future directions. Accordingly, I am initiating a series of panels on groups of related research projects. The first such panel will be on research into income distribution and employment. Professor Albert Fishlow, who is currently Professor of Economics at Berkeley, has agreed to act as chairman of the panel. I would much appreciate it, if you could spare the time to serve as a member of the panel.

The precise way in which the panel conducts its business will, of course, be up to its members. However, I would expect that there would be two meetings in Washington, one in September/October 1977 and one near the end of the year. It is hoped that the duration of these meetings could be kept down by supplying reading material beforehand and that they would not exceed three days each on average. The Bank would, of course, make travel arrangements as needed and pay for all travel expenses, together with an honorarium.

Professor Fishlow will also be writing to you, explaining in more detail how he hopes to proceed.

Sincerely,

(Signed) Robert S. McNamara
Robert S. McNamara

Professor K. N. Raj
Centre for Development Studies
Aakulam Road
Ulloor, Trivandrum 695011
India

BBKing:gm
cc: for Mr. McNamara's Office (2)
Messrs. Waide/Alisbah
Kraske (New Delhi Office)

Cleared with: A. Karaosmanoglu *AK*
August 10, 1977

Res - General

August 11, 1977

Dear Sir Arthur:

As you may be aware, the Bank has over the last five years carried on a program of economic research on a substantially larger scale than hitherto. Although we regularly review within the Bank individual research projects as they are completed, this appears to be a good time to seek external advice on our progress to date and on future directions. Accordingly, I am initiating a series of panels on groups of related research projects. The first such panel will be on research into income distribution and employment. Professor Albert Fishlow, who is currently Professor of Economics at Berkeley, has agreed to act as chairman of the panel. I would much appreciate it, if you could spare the time to serve as a member of the panel.

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Professor Fishlow will also be writing to you, explaining in more detail how he hopes to proceed.

Sincerely,

(Signed) Robert S. McNamara
Robert S. McNamara

Sir Arthur Lewis
Department of Economics
Princeton University
Princeton, New Jersey 08540

BBKing:gm
cc: for Mr. McNamara's Office (2)

Cleared with: A. Karaosmanoglu *AK*.

August 10, 1977

Res - General
(RAPIDE)

August 11, 1977

Dear Mr. Sicat:

As you may be aware, the Bank has over the last five years carried on a program of economic research on a substantially larger scale than hitherto. Although we regularly review within the Bank individual research projects as they are completed, this appears to be a good time to seek external advice on our progress to date and on future directions. Accordingly, I am initiating a series of panels on groups of related research projects. The first such panel will be on research into income distribution and employment. Professor Albert Fishlow, who is currently Professor of Economics at Berkeley, has agreed to act as chairman of the panel. I would much appreciate it, if you could spare the time to serve as a member of the panel.

The precise way in which the panel conducts its business will, of course, be up to its members. However, I would expect that there would be two meetings in Washington, one in September/October 1977 and one near the end of the year. It is hoped that the duration of these meetings could be kept down by supplying reading material beforehand and that they would not exceed three days each on average. The Bank would, of course, make travel arrangements as needed and pay for all travel expenses, together with an honorarium.

Professor Fishlow will also be writing to you, explaining in more detail how he hopes to proceed.

Sincerely,

(Signed) Robert S. McNamara
Robert S. McNamara

Mr. Gerardo P. Sicat
Director-General
National Economic & Development Authority
P.O. Box 1116
Manila, Philippines

BBKing:gm
cc: for Mr. McNamara's Office (2)
Messrs. Hawkins/Gould
Cleared with: A. Karaosmanoglu *AK*
August 10, 1977

Research General

Mr. L. Westphal, ECDND

August 8, 1977

Benjamin B. King, VPD Signed B. B. King

Transfer of Armeane M. Choksi

This is to confirm the agreement that Mr. Choksi will transfer from your division to become Secretary of the Research Committee on January 1, 1978 in place of Mr. Grimes.

cc: Mr. Karaosmanoglu
Mr. Avramovic
Mr. K. Ahmed
Mr. Choksi
Mrs. Cleave (o/r)

BBKing:gm

Mr. Robert S. McNamara

August 5, 1977

(through Mr. A. Karaosmanoglu) Signed B. B. King
Benjamin B. King

Review Panel on Research on Income
Distribution and Employment

1. We would now like to proceed with invitations to become members of this panel. A list prepared in consultation with Professor Fishlow, the chairman, is attached together with short curricula vitae, except for Professors Lewis and Kuznets who need no introduction (Attachment 1).

2. If you approve, we will have letters of invitation prepared for your signature. A draft letter is attached (Attachment 2) together with a draft letter from Professor Fishlow (Attachment 3) which would be sent at about the same time. He would sound out Professors Lewis and Kuznets before any letters are sent.

3. Several Executive Directors, who were consulted on the membership of the panel, were evidently surprised at the absence of an outside panel to review all research, particularly with a view to determining the proper level of expenditure for research. Mr. Grimes' memo of July 22 (Attachment 4) elaborates on this feeling. The transcript of the meeting on the Annual Report on Research includes suggestions to this effect by Sen and Janssen, but no agreement on your part to set up such a panel. In fact, it was always our idea that it would be very difficult to assemble a panel with the time and competence to undertake such a task without the prior completion of several more limited reviews on particular subjects.

4. You did, however, suggest that there be a "total reexamination" within the next 12 months. So far, no such reexamination has been undertaken. I have spoken to Hollis about this; he intends to make proposals when he returns from leave in September.

Attachments

cc: Messrs. Chenery (o/r)
Karaosmanoglu
Avramovic
Duloy
Ahluwalia
Leiserson

BBKing:gm

LIST OF INVITEES

Sir Arthur Lewis (Jamaica)

Professor Simon Kuznets (US)

Professor K. N. Raj (India)

Born 1924. Currently Director of the Centre for Development Studies, Trivandrum, Kerala. From 1953 to 1973. was Professor of Economics at Delhi School of Economics. He advised the Government of India and the UN on many occasions. One of India's most eminent and respected economists, whose work over a wide range includes much that is socially oriented. For example, the Centre conducted a case-study in Kerala for the UN on issues related to poverty, unemployment and development policy (published in 1975).

Miguel Urrutia (Colombia)

Currently Minister of Mines and Energy. Previously Director of the Department of National Planning. Has published various works on income distribution, the latest being a book (in collaboration with Professor Berry) on income distribution in Colombia.

Gerardo P. Sicat (Philippines)

Currently a member of the Cabinet, Minister of Planning, and Director-General of the National Economic Development Authority, the main economic policy-making body in the Philippines. He was first appointed to the government in 1970, as Chairman of the National Economic Council. After receiving a doctorate in economics from MIT in 1963 he held various positions at the University of the Philippines, interspersed with brief consultancies to government agencies and to the Asian Development Bank, ECAFE and the Development Centre of the OECD. He was born in 1935. His main areas of interest are trade theory, industrial economics and applied econometrics; much of his work has been on Philippine industrial development and trade policy. He has published in Asian, UK and US professional journals and is author or co-author of several books and monographs.

Justinian Rweyemamu (Tanzania)

Became Special Adviser on Economic Affairs to the President of Tanzania in 1975, having been Principal Secretary, Ministry of Economic Affairs and Development Planning for a year prior to that. Born in 1942, he received his Ph.D. in economics from Harvard and began his career at the University of Dar es Salaam, where he was Dean of Arts and Social Sciences from 1970-73, and since 1973 has been Head of the Department of Economics. He holds several advisory and executive positions in Tanzanian financial and academic communities, being a Director of the Bank of Tanzania, Director of the National Development Corporation, a member of the National Scientific Research Council and its Executive Committee, and a member of the Executive Committee, Council for the Social Sciences of East Africa, among other responsibilities. He has been associated with the ILO's World Employment Programme and has represented Tanzania at numerous international conferences. Most of his published work concerns trade, investment and industrialization in African development.

REDRAFT
BBKing:gm
August 4, 1977

Dear

As you may be aware, the Bank has over the last five years carried on a program of economic research on a substantially larger scale than hitherto. Although we regularly review within the Bank individual research projects as they are completed, this appears to be a good time to seek external advice on our progress to date and on future directions. Accordingly, I am initiating a series of panels on groups of related research projects. The first such panel will be on research into income distribution and employment. Professor Albert Fishlow, who is currently Professor of Economics at Berkeley, has agreed to act as chairman of the panel. I would much appreciate it, if you could spare the time to serve as a member of the panel.

The precise way in which the panel conducts its business will, of course, be up to its members. However, I would expect that there would be two meetings in Washington, one in September/October 1977 and one near the end of the year. It is hoped that the duration of these meetings could be kept down by supplying reading material beforehand and that they would not exceed three days each on average. The Bank would, of course, pay for all travel expenses, together with an honorarium.

Professor Fishlow will also be writing to you, explaining in more detail how he hopes to proceed.

DRAFT
AFishlow:gm
August 5, 1977

Dear

You have already heard from Robert McNamara, inviting you to serve on a small panel of five or six persons to review the Bank's research on Income Distribution and Employment. I join in hoping you will be able to accept.

As you probably know, the Bank has greatly expanded its research efforts in this area in recent years. That, and the intrinsic importance of the subject matter, explain why it has been selected for evaluation first. The scope and terms of reference of the review are for us to decide, although the views of the Bank's own Research Committee will be a valuable input. Obvious questions would seem to include an assessment of the quality and influence of the research, the validity of the priorities, and the effectiveness of the internal selection and evaluation procedures within the Bank. Our findings will receive a careful reading and can influence the Bank's continuing research in the field of Income Distribution and Employment. In addition, because this panel is the first, our procedures will influence the subsequent evaluation of other parts of the research program.

The Bank is offering us a free hand. The panel will be able to count on assistance in organizing and summarizing the extensive amount of material. By distributing much of this beforehand, it will be possible to use our meeting time in Washington more effectively. A draft agenda for the first

meeting and a packet of materials should be ready by the end of the month.

Your unique perspective is an essential input to the thoughtful review required. I personally am eager for your active participation. If you have any questions, please do not hesitate to get in touch with me. I look forward to your joining the panel.

Best regards (for those he knows personally)

Yours sincerely (for others)

Mr. Hollis B. Chenery

July 22, 1977

Orville F. Grimes, Jr., VPD

Outside Panels to Evaluate Research

1. A composite list of candidates to serve with Professor Fishlow on the Research Advisory Panel on Income Distribution and Employment (RAPIDE) was circulated on July 15 to Messrs. Hanfland, Pesqueira, Rigaud, Sen, and Thahane. I followed up this week with a brief visit to obtain their views on the suitability of the candidates proposed and receive other suggestions. While discussions with Messrs. Pesqueira and Rigaud centered on the list of candidates, those with Dr. Sen, Mr. Thahane and, to some extent, Mr. Hanfland took a different turn. They were not persuaded that outside panels to review research in particular sectors should take precedence over an outside review of Bank research as a whole.

2. Both Dr. Sen and Mr. Thahane saw the discussions at the Joint Audit Committee and the Board earlier this year as having concluded that first priority should be given to the question of the overall size and scope of the research program. Both also felt this question was to be addressed by an outside panel. I replied that we had initiated work in several directions, with the review of income distribution and employment research intended to complement the largely internal discussion of overall directions and resources promised as part of the next research report. After absorbing the experience of two or three of the sectoral panels, we also intend to constitute an apex group whose main task would be to review the entire program. Mr. Thahane's reaction was that to provide guidance on the future role of the Bank, an outside panel which could form a judgment about the appropriate size and content of the research program would have been more useful at this time than a sectoral panel. Dr. Sen went further, urging that such a group be appointed this year so that preliminary results, at least, may be available by January 1978. He added that if this is not done, he and several other Directors would oppose the research program budget when it is next discussed.

3. Mr. Hanfland began our meeting by stating his confusion about whether the RAPIDE panel was to review all Bank research or only that on income distribution and employment. I recalled Dr. Janssen's support of the

proposal by Dr. Sen at the Board discussion last February to undertake an outside review of the entire program, but stressed that without adequate preparation outsiders would have undoubtedly found this an extremely forbidding task. They would moreover find the body of work produced during the past five years highly uneven, with a rather well-defined set of studies in income distribution and employment and some other sectors, but not a great deal in, for example, population or urbanization. Mr. Hanfland said he hoped an overview panel would be constituted soon, but was satisfied with the reasons why at present we had no firm timetable for doing so.

4. As a postscript to the above discussions, Mr. El-Naggar telephoned me today to transmit his own impression that an outside panel was to be established this year to review Bank research as a whole. He implied, as had Dr. Sen, that several Directors may seek to clarify this issue at a forthcoming Board meeting.

cc: Mr. B. B. King (o/r)
Mr. Weiner

OFG:gm

Research - General

August 3, 1977

Mr. L. E. Stanfield
Central Operations Division
Office of Contract Management
Department of State
Agency for International Development
Washington, D.C. 20523

Dear Mr. Stanfield:

Re: AID/otr-G-1352 A-3

Attached herewith are the original and six signed copies
of the above document.

Yours sincerely,

Signed B. B. King

Benjamin B. King
Research Adviser
Development Policy

Enclosures

:gm

cc: Mr. Doud
Mrs. Sachse

1. Amendment No. A-3	2. Effective Date July 1, 1977	3. Grant No. AID/otr-G-1352	4. Effective Date October 1, 1974
5. Grantee (Name and Address) International Bank for Reconstruction and Development Washington, DC 20433		6. Administered by- Grant Officer Central Operations Division Office of Contract Management Agency for International Development Washington, D.C. 20523	
7. PIG/T No. - 930-11-995-030-73-3068028-A Appropriation No. - Allotment Symbol -		8. Previous PIG/T's - 930-11-995-030-73-3058005 and A-1 930-11-995-030-73-3068028	

9. The above numbered Grant is hereby modified as follows:

- A. The duration period of this Grant is hereby extended to December 31, 1977.
The total amount of funds obligated hereunder remain unchanged.

This Amendment is entered into pursuant to the authority of the Foreign Assistance Act of 1961, as amended. Except as herein provided, all terms and conditions of the grant contained in Block #3 remain unchanged and in full force and effect.
The Grantee is required to sign this document and return 3 copies to issuing office.
INTERNATIONAL BANK FOR RECONSTRUCTION AND DEVELOPMENT

UNITED STATES OF AMERICA
AGENCY FOR INTERNATIONAL DEVELOPMENT

BY: BBK

Benjamin B. King

(Name typed or printed)

TITLE: Research Adviser

DATE: August 3, 1977

BY: L. E. Stanfield

L. E. Stanfield

(Name typed or printed)

TITLE: Grant Officer

DATE: July 1st, 1977

Mr. Alberto Favilla, LC2

August 3, 1977

Benjamin B. King, VPD

Signed B. B. King

Review Panel on Research on Income
Distribution and Employment

1. This external panel is being set up, much along the lines of the Berelson Committee on population, to review the Bank's research on income distribution and employment to date. The Chairman of the panel is Professor Albert Fishlow, currently of the University of California (Berkeley) but moving to Yale. The general purpose of the panel is to review the Bank's research work on these subjects, assess its relevance to the policy needs of the Bank and developing countries and suggest lines in which further work might be undertaken.
2. There would be four to six members of the panel apart from the Chairman. They would be required to attend a maximum of three meetings entailing absences of less than a week each during (probably) September to December this year. While there would also be some reading to be done, I dare say that this might be more limited for the members than the Chairman.
3. The choice of Urrutia as a prospective member has been made by both Fishlow and Bank staff, though it has not yet been formally approved by McNamara. I have no reason to expect that he would object.
4. The informal approach through the resident representative you suggest would be most welcome.

cc: Messrs. Duloy
Ahluwalia

BBKing:gm

Mr. I. Serageldin, EMN

August 1, 1977

Mona A. Hazzah, VPD

Research Project Status Report

1. ^{ma} I would appreciate it if you could have the attached Status Report completed for the research project listed below. The information provided should be current as of June 30, 1977. To this end I attach where necessary a copy of the June 1977 Commitment Report printout, which provides a summary and itemization of expenses recorded through June.

2. Since this Status Report covers all expenses incurred throughout FY77, I would be grateful if you could carefully check page four, "Summary of Resources" and complete all the items listed.

3. To ensure effective financial supervision of projects in the FY77 research program, the completed Status Report for the project listed should be sent to this office (F1219) no later than Friday August 26, and preferably earlier. Thank you.

<u>Project Code</u>	<u>Staff Member Responsible</u>
671-55	I. Serageldin

Attachment

MHazzah:tqr

Mrs. H. Hughes, EPD

August 1, 1977

Mona A. Hazzah, VPD

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<u>Project Code</u>	<u>Staff Member Responsible</u>
670-07	B. Balassa
670-68	E. Sachse
671-23	C. Chung
671-28	A. Schwartz

Attachments

cc: Ms. Hidalgo-Gato (w/att.)

MHazzah:tqr

Mr. C. Harral, TRP

August 1, 1977

Mona A. Hazzah, VPD

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<u>Project Code</u>	<u>Staff Member Responsible</u>
670-26	B. Coukis
670-27	P. Fossberg
671-14	B. Mitchell
671-15	S. Basta/B. Coukis
671-20	P. Watson/E. Holland

Attachments

cc: Ms. P. Moses (w/att.)

MHazzah:tqr

Mr. Y. Rovani, EWT

August 1, 1977

Mona A. Hazzah, VPD

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<u>Project Code</u>	<u>Staff Member Responsible</u>
670-67	M. Munasinghe
670-76	J. Warford
671-46	J. Kalbermatten

Attachments

cc: Miss P. Peter (w/att.)

MHazzah:tqr

Mr. D. Avramovic, ECD

August 1, 1977

Mona A. Hazzah, VPD

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<u>Project Code</u>	<u>Staff Member Responsible</u>	<u>Project Code</u>	<u>Staff Member Responsible</u>
670-45	D. Mazumdar	671-25	S. Yusuf
670-70	J. Linn	671-26	K. Zachariah
670-96	J. Meerman	671-30	L. Squire/S. Bose
671-02	T. King	671-31	R. Sabot
671-05	V. Prakash	671-32	L. Westphal
671-06	D. Avramovic	671-37	B. Renaud
671-07	L. Westphal	671-38	D. Chernichovsky/
671-18	J. Linn		R. Faruqee
671-19	J. Simmons	671-40	T. King
671-24	S. Reutlinger	671-47	D. Keare
		671-48	M. Leiserson
		671-49	D. Jamison

Attachments

cc: Mr. Lowther (w/att.)
Mr. Stoutjesdijk (w/o att.)

MHazzah:tqr

Mr. M. Yudelman, AGP

August 1, 1977

Mona A. Hazzah, VPD

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<u>Project Code</u>	<u>Staff Member Responsible</u>
670-89	G. Donaldson
671-22	A. Egbert
671-34	F. Hotes
671-42	A. Egbert/C. Bruce
671-44	G. Donaldson

Attachments

cc: Messrs. Bruce (w/att. except 671-34)
Hotes (w/att. except 671-34)

Mr. M. Hultin, EDP

August 1, 1977

Mona A. Hazzah, VPD

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<u>Project Code</u>	<u>Staff Member Responsible</u>
670-78	C. Gilpin
671-54	S. Futagami

Attachments
cc: Messrs. Gilpin (w/att.)
Futagami (w/att.)

MHazzah:tqr

Mr. J. Duloy, DRC

August 1, 1977

Mona A. Hazzah, VPD

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<u>Project Code</u>	<u>Staff Member Responsible</u>	<u>Project Code</u>	<u>Staff Member Responsible</u>
670-01	B. Balassa	671-17	P. Hazell
670-06	M. Ahluwalia	671-27	G. Pyatt
670-23	Y. Rhee	671-29	R. Norton
670-24	A. Stoutjesdijk	671-33	M. Selowsky
670-73	G. Kutcher/ P. Scandizzo	671-35	B. Balassa
670-83	M. Ahluwalia	671-36	M. Ahluwalia
670-86	R. Norton	671-39	M. Ahluwalia
670-87	B. Balassa	671-41	M. Ahluwalia
671-08	M. Ahluwalia	671-43	P. Hazell/ P. Scandizzo
671-09	A. Stoutjesdijk	671-45	J. Duloy

Attachments
cc: Ms. M. Hidalgo-Gato (w/att.)

MHazzah:tqr

Mr. Jairam Ramesh

July 29, 1977

R. M. Steinberg

Draft Research Proposal

I am personally very interested in the subjects treated in your draft research proposal, "The Financing of Technological Development and Innovation: An Analysis of the Links Between the Financial and the Technological Systems in Developing Countries." I want to list my major reactions to your proposal, which could be followed up by further discussions.

That there is a serious problem, a failure of linkage, I would agree without reservation. Whether your study would guide the Bank in achieving more productive linkage is another matter. Your research need not spend much time convincing us of the usefulness of the goals. What needs further understanding is what has or could realistically be accomplished in this area, what are the major obstacles, what can be done to overcome these obstacles. Financial institutions (including perhaps the World Bank) are generally oriented by expertise and interest to delivering and collecting money.

In analyzing the problem for a country there are three interlinking systems, the financial system, the technological system, and the government system. The government system seems in your paper to enter as an after-thought. The whole problem in Country X may simply be that the Minister of Finance and the Minister of Technology despise each other.

This leads to two further points. Your research proposal puts considerable emphasis on analyzing policy statements. But implementation seems to me the major problem. How are you in a year's time going to explain to us why it is working or not working, and what to do about it in nine or ten countries?

Your paper focuses on "the process of technology mobilization and acquisition of this on the building of local innovative capabilities". For the less technologically developed country I think there should be more focus, and better coordination between financial and technology institutions, on the process of technology transfer and adaptation of imported technology. I would think that innovation starts in a better strategy for adaptation of imported technology with the gradual build-up of local capabilities.

I would also make some changes to the text we can discuss later. I do think the subject is important and worth looking into. But this is entirely my personal view, and at some later point you may wish to seek a formal departmental review of your proposal.

RMS
RMS/GLH:ttl

Mr. Hollis B. Chenery

July 22, 1977

Orville F. Grimes, Jr., VPD

Outside Panels to Evaluate Research

1. A composite list of candidates to serve with Professor Fishlow on the Research Advisory Panel on Income Distribution and Employment (RAPIDE) was circulated on July 15 to Messrs. Hanfland, Pesqueira, Rigaud, Sen, and Thahane. I followed up this week with a brief visit to obtain their views on the suitability of the candidates proposed and receive other suggestions. While discussions with Messrs. Pesqueira and Rigaud centered on the list of candidates, those with Dr. Sen, Mr. Thahane and, to some extent, Mr. Hanfland took a different turn. They were not persuaded that outside panels to review research in particular sectors should take precedence over an outside review of Bank research as a whole.

2. Both Dr. Sen and Mr. Thahane saw the discussions at the Joint Audit Committee and the Board earlier this year as having concluded that first priority should be given to the question of the overall size and scope of the research program. Both also felt this question was to be addressed by an outside panel. I replied that we had initiated work in several directions, with the review of income distribution and employment research intended to complement the largely internal discussion of overall directions and resources promised as part of the next research report. After absorbing the experience of two or three of the sectoral panels, we also intend to constitute an apex group whose main task would be to review the entire program. Mr. Thahane's reaction was that to provide guidance on the future role of the Bank, an outside panel which could form a judgment about the appropriate size and content of the research program would have been more useful at this time than a sectoral panel. Dr. Sen went further, urging that such a group be appointed this year so that preliminary results, at least, may be available by January 1978. He added that if this is not done, he and several other Directors would oppose the research program budget when it is next discussed.


3. Mr. Hanfland began our meeting by stating his confusion about whether the RAPIDE panel was to review all Bank research or only that on income distribution and employment. I recalled Dr. Janssen's support of the

July 22, 1977

proposal by Dr. Sen at the Board discussion last February to undertake an outside review of the entire program, but stressed that without adequate preparation outsiders would have undoubtedly found this an extremely forbidding task. They would moreover find the body of work produced during the past five years highly uneven, with a rather well-defined set of studies in income distribution and employment and some other sectors, but not a great deal in, for example, population or urbanization. Mr. Hanfland said he hoped an overview panel would be constituted soon, but was satisfied with the reasons why at present we had no firm timetable for doing so.

4. As a postscript to the above discussions, Mr. El-Naggar telephoned me today to transmit his own impression that an outside panel was to be established this year to review Bank research as a whole. He implied, as had Dr. Sen, that several Directors may seek to clarify this issue at a forthcoming Board meeting.

cc: Mr. B. B. King (o/r)
Mr. Weiner

OFGrimes:gm 

Mr. George Beier, URB

July 18, 1977

Orville F. Grimes, Jr., VPD

Research Proposal, "A Comparative
Study of Self-Help Housing"

1. Despite the long delay, which I regret, I thought it might still be useful to set down a few thoughts on the Perlman/Terner proposal.

2. In both the earlier and the present (June 4) version, the proposed program of work seeks to provide answers to questions like these:

- (a) Why does the self-help process develop?
(profitability; absence of alternatives)
- (b) How does it work?
- (c) What is its value to participants? To the local economy?
- (d) How can self-help principles be incorporated into more conventional programs without diluting their effectiveness in the process?

It is hard to imagine a broader research agenda in the field of low cost housing. I would further suspect that within each of the broadly defined subject areas there are a number of more specific issues which could be intensively studied in their own right, whose relevance for operations varies widely. This suggests that during research preparation--which I agree with Anna Sant'Anna will likely run longer than the sponsors originally anticipated--the major focus should be on identification of the issues, questions, or hypotheses it would be most useful for the study to address. When these are determined it will be clearer how the Bank's needs in this area relate to the comparative advantage of the research team.


3. As these objectives are clarified, it may well be discovered that the research will be useful in specific ways even if it falls short of providing "a series of proposed policy recommendations to the Bank" (p.29). All too often the tendency to strike in all directions in order to secure wide support for a proposal merely raises everyone's expectations while fully satisfying no one's. Would the project be a success if it does no more than place a

July 18, 1977

wider perspective on our roster of country experiences with self-help, gained from operations and monitoring and evaluation? I suspect so. Specification of "minimum expected results," perhaps illustrated by contrast to issues on which the study could provide some insight but no firm conclusions, could be a useful way to classify the outputs expected.

4. Speculating now about where this process might lead us, we might find that an area in which the sponsors could provide special insight is that of the institutional barriers to implementation of self-help. Before programs are begun, who knows about self-help methods? Who then decides to participate? Why? What role do local leaders and community organizations play? What factors influence community acceptance? Such an orientation would in my view come closer to tapping the skills and experience of the research team, by allowing them to concentrate on institutional (as opposed to both institutional and economic) reasons for success and failure. It would also deepen understanding of a subject covered to some degree by the monitoring and evaluation exercises without overlapping with them to any great extent.

cc: Messrs. Jaycox, Dunkerley, Churchill, Stone, Lethbridge,
Madavo, Mohan (o/r), Ms. Sant'Anna (o/r)

OFGrimes:gm 

Messrs. Hanfland, Pesqueira, Rigaud, Sen,
Thahane

July 15, 1977

Orville F. Grimes, Jr., VPD


Candidates for Research Advisory Panel
on Income Distribution and Employment

1. In the current annual report on research ("World Bank Research Program," January 13, 1977; R77-9) we stated our intention to convene a panel to survey the research carried out by the Bank in the fields of income distribution and employment. The Chairman of this panel, which will begin work during 1977, is Professor Albert Fishlow (University of California, Berkeley), a pioneer in research on income distribution in Brazil. Four or five additional panel members will be selected, to lend a reasonable diversity of country experience and policy perspective to the final group.

2. You will find attached a list, consolidated from various sources, of possible panel members. We have attempted a rather arbitrary breakdown into researchers and those whose experience is primarily on the policy side, realizing that such a division has little meaning for many of the individuals on the list. Which candidates are in your view most suitable? Are there equally promising candidates that we have overlooked? To assist us in making the final selections, I would welcome the opportunity to discuss this matter briefly with you, before the end of next week if you possibly can.

Attachment

cc: Mr. Chenery
Mr. B. B. King (o/r)

OFGrimes:gm 

Researchers

Policymakers

Asia

K. N. Raj (India)
A. K. Sen (India)
Kim Mahn Je (Korea)
Prof. Dandekar (India)
Prof. Dantwala (India)

G. Sicat (Philippines)
L. Jayawardena (Sri Lanka)
Manmohan Singh (India)
Chakravarty (India)
Dr. Mooy (Indonesia)

Africa

J. O. Adekunle (Nigeria)

J. Rweyemamu (Tanzania)

Mediterranean

Dr. El-Shaffey (Egypt)

Abdul Meguid (Egypt)
Dr. Sefer (Yugoslavia)
A. Papic (Yugoslavia)
Dr. Cetin (Turkey)

Latin America/
Caribbean

A. Lewis (Jamaica)

M. Urrutia (Colombia)
L. Solis (Mexico)
I. Kerstenetzsky (Brazil)
C. Massad (Chile)
A. Vilela (OAS; Brazil)
W. Demas (Carib. Dev. Bank)
A. McIntyre (Sec. Gen.,
CARICOM)

Europe/Other
Part I

E. Malinvaud (France)
J. Faaland (Norway)
B. Hansen (Denmark)
W. Beckerman (UK)
P. Collier (UK)
A. Lindbeck (Sweden)

North America

A. Fishlow (Chairman)
S. Kuznets (US)

July 15, 1977

Research - Env. & Health
(Schistosomiasis)

July 15, 1977

Dear Dr. Adelman:

During the past six months Dr. Fredrick Golladay and I have been engaged in preparing a research proposal on the design of schistosomiasis control programs for funding by the Research Committee of the World Bank. An abstract of the proposal is enclosed. The proposed analytical model is not yet in its final form, but has the essential features required for the study we intend to undertake.

As I have previously related to you, I would like part of the study to be my thesis for the doctoral degree. The objectives as stated in the enclosed abstract would seem to be somewhat too ambitious for the degree requirement. I would therefore like to request your comments on the design of the study in general and ways of scaling it down for the thesis requirement in particular.

We are currently receiving responses from experts in this general area of research and possible data sources. It is probably too early to assess the general tone of these responses. But as we expected, a couple of biostatisticians (mathematical epidemiologists) have expressed their doubts of the adequacy of the transmission model we have chosen [equations 6 and 6']. Aside from this, the responses we have received so far are positive.

I look forward to a meeting with you to discuss our proposal in more detail.

Sincerely,

Abraham Bekele
Office of Environmental
and Health Affairs

Enclosure

Dr. Irma Adelman
3507 R Street, N.W.
Washington, D.C. 20007

AB:br

cc: Dr. J. A. Lee

Mr. Hollis B. Chenery

July 14, 1977

Orville F. Grimes, Jr.

Research Evaluation Guidelines

n/a
The attached guidelines for research evaluation panels were recently drafted and sent for comment to the Operations Evaluation Department. Mervyn Weiner telephoned me yesterday afternoon with a suggestion on presentation, and I hope to hear from the others shortly.

While this is sent to you mainly for information, if you have any comments or reactions they would naturally be most welcome.

Attachment

cc: (w/o att.) Mr. B. B. King (o/r)

OFG:gm *[Signature]*

Mr. Kenneth A. Bohr, OED

July 13, 1977

Orville F. Grimes, Jr., VPD

Research Evaluation Guidelines

1. As we discussed, I attach a set of guidelines prepared for use by participants in the evaluation of completed research projects. While primarily a response to the suggestion of the Joint Audit Committee that we move toward a more standardized format for evaluation reports, the guidelines could help to organize thoughts and discussion at evaluation panel meetings. We understand that they will be supplemented as appropriate by particular questions raised by OED staff.

2. I would welcome your comments and reactions, as well as those of Mr. Weiner and Mr. Kapur, to the attached. In particular, does it meet the suggestions of the Joint Audit Committee, in spirit if not always in letter? Depending on your comments we could issue revised guidelines within a week or two, with materials for meetings scheduled later in August and in September.

Attachments

cc: Messrs. B. B. King (o/r)
Weiner
Kapur

OFGrimes:tqr

Evaluation of Completed Research Projects: Suggested Guidelines

The principal objectives of evaluation as applied to completed Bank research projects are illustrated below in the form of questions for discussion at evaluation panel meetings. These questions, taken together, are an attempt to determine how effectively the research project has met its goals and how useful it has been in improving knowledge of development issues involving the Bank. While not intended as exhaustive, questions are grouped into headings which are suggested as an organizing format for the report on the panel's findings.

A. Objectives and Strategy

1. Is the general problem to which the research is addressed of interest to the Bank?
2. Were the objectives of the study clearly formulated? Did they change as the study was undertaken?
3. To what extent did the study fulfill these objectives?
4. Who are the intended beneficiaries? (Bank operational staff; planning authorities and decision makers in developing countries; other researchers)
5. Has the project assisted in developing indigenous research capacity in the countries under study?
6. What efforts were made to coordinate work with other studies underway in the Bank or outside, to enhance the comparability of results or avoid duplication?

B. Design

1. Does the research improve in specific ways upon a well-established methodology, or is the analytical framework relatively innovative?
2. Were the theoretical approaches and the methodologies employed in the study appropriate to its stated purposes? What methodological difficulties were encountered? How were they overcome?

3. How reliable were the data? Does their reliability depend on the design and coverage of sample surveys conducted as part of the project?
4. Are the research outputs written and presented in a manner which makes them accessible to the intended audience(s)?

C. Organization

1. Did the research tasks follow a logical sequence? Were there opportunities to review progress at intermediate stages?
2. How effective were the consultants or consulting firms employed? How open the channels of communication between Bank staff and consultants?
3. What was the nature and extent of awareness, support, or participation among:
 - Bank Operating Departments?
 - Local research institutes?
 - Governmental agencies?
4. By what means have findings been communicated to the intended beneficiaries?

D. Cost

1. How does the overall cost and efficiency of the study compare with initial estimates? Did it take longer than expected?
2. Was the extent of Bank staff involvement in design, implementation, and supervision adequate to meet the study's objectives?

- E. Summary: What lessons for the conduct of future research projects are suggested from the above?

Mr. K. Bohr, OED

July 7, 1977

Orville F. Grimes, Jr., VPD

Evaluation of Completed Research Projects, 1977

Listed below are the research projects which as we discussed today are scheduled for evaluation before the end of September.

<u>Code</u>	<u>Project Title</u>	<u>Tentative Date of Evaluation Panel Meeting</u>
670-08	Project Appraisal & Shadow Prices	--
670-14	Agriculture Mechanization Study in India	--
670-44	Education Finance & Income Distribution	first or second week of August
670-69	Growth & Income Distribution in Brazil	September
670-90	Labor Market in a Rapidly Growing Economy	second week of September
670-99	Economic Aspects of Household Fertility Behavior & Labor Supply in Northeast Brazil	early September
671-11	Public Utility Pricing & Investment	--
671-16	Standards for Site & Services Projects	--

We should be in touch as final plans are drawn up for panel meetings and the participants chosen. Your advice as to OED representation on each of these panels would of course be most welcome.

cc: Mr. B. B. King (o/r)
Mr. Weiner
Mr. Kapur

OFGrimes:gm

Mr. Hollis B. Chenery

July 6, 1977

Orville F. Grimes, Jr.

RAPIDE: Summary of Suggestions for Panel

1. Last March and April Ben and I asked Regional Programs Directors and others for ideas about suitable candidates (particularly those whose experience is mainly on the policy side) for the review panel on income distribution and employment research. The most promising seem to be:

Asia: Dandekar (India)
Kim Mahn Je (Korea)
Dr. Mooy (Indonesia - Bappenas)

Africa: Adekunle (Nigeria)
Paul Collier (Oxford)

EMENA: Sefer or Papic (Yugoslavia)
Malinvaud (France)
Assar Lindbeck (Sweden)
Dr. Cetin (Turkey)

LAC: Carlos Massad (Chile)
Anibal Vilela (OAS; Brazil)
L. Solis (Mexico)

2. Ben also asked Mervyn Weiner for suggestions from EDs. The following names were mentioned:

Drake: Sir Arthur Lewis
William Demas (Pres., Caribbean
Development Bank)
Alistair McIntyre (Sec. Gen., CARICOM -
head of Commonwealth Study
Group for CIEC)

El-Naggar: Dr. El-Shaffey (Egypt - ex-Minister of
Finance and presently
Professor, University of
Cairo)

Franco: Miguel Urrutia (Colombia)

3. Finally, following the recent Research Committee meeting Mr. Picciotto has forwarded his suggestions, which are attached.

Attachment

cc: Mr. B. B. King (o/r)

OFGrimes:gm

(typed from handwritten memo)

June 30, 1977

TO: Orville Grimes
FROM: R. Picciotto
SUBJECT: "Fishlow" Panel

A few names which come to mind with reference to
income distribution and employment:

John Mellor	(new IFPRI head)
Professor Dantwala	(Bombay University)
John Thomas	(Harvard)
Just Faaland	(Norway Development Institute ?)*
Professor Dandekar	(Poona University ?)
Aktar Hameed Khan	(Michigan State ?)

*Chr. Michelsen Institute, Bergen (OG)

Those listed below

July 6, 1977

Orville F. Grimes, Jr., VPD

Forthcoming Research Committee Meeting

It is likely that following its meeting on June 24, the Research Committee will next meet in late September or early October. To be considered at this meeting, proposals in final form should consequently reach me no later than Wednesday, August 31. I would also urge sponsors to submit proposals in semi-finished form prior to August 31, so that either I (in July) or Ben King (in August) may assist at that stage of the review process. Subsequent meetings will be scheduled at approximately 4-6 week intervals, depending on the flow of work.

cc: Research Committee Members
DPS, CPS Directors and Division Chiefs
Regional Chief Economists
Mr. Lowther
Ms. Stout
Miss Hidalgo-Gato
Miss Peter
Mrs. Cleave
Mrs. Hazzah (o/r)

OFGrimes:gm *OF*

Research General
cc RPO 671-46
cc RPO 671-47
cc RPO 671-57

Research Committee Members

July 1, 1977

Orville F. Grimes, Jr., VPD

Meeting on June 24

1. Attending the meeting on June 24 were Messrs. Chenery (Chairman), Balassa, de Vries, Dubey, Jaycox, Kuczynski, Lerdau, Picciotto, van der Tak, Waide, and Grimes. Also present for the discussion of the intermediate waste disposal technologies project (No. 671-46) was Mr. A. Stone.

2. Mr. Chenery announced that Professor Albert Fishlow (University of California, Berkeley) has agreed to serve as chairman of the panel being established to survey Bank research in income distribution and employment. 1/ Professor Fishlow will discuss the panel's composition while on a visit to Washington during the week of June 27. Committee members are encouraged to offer their suggestions on panel membership; many have already done so.

Marketing Manufactured Exports

3. The reviewers of this proposal found it to be in a relatively neglected subject area, but one of high potential payoff for the Bank in improved understanding of the performance of exports and small industry. Committee members agreed, but felt it worthwhile to examine more closely how the principal researcher intends to treat the effects of changes during the study period in Colombia's incentive structure and in relative costs. As a reaction to his proposal not to generate new data but to draw on existing studies by Hutcheson and others, it was pointed out that these studies analyze changes over time in the relative profitability of exports taken together, but not clothing exports in particular. Therefore, although recommending approval of this proposal as amended by Mr. Morawetz's June 7 memorandum, the Committee suggested that further attention needs to be paid to costs and profitability as part of the explanation of the marketing successes and failures of Colombian clothing producers.

1/ Research Advisory Panel on Income Distribution and Employment (RAPIDE).

"Appropriate Technology for Water Supply and Waste Disposal" (No. 671-46)

4. Particularly in its search for existing intermediate technologies and for information about them, this project was seen as having made substantial progress since its approval in September 1976. Its accomplishments give reason to expect that the proposed field research emphasizing alternative technologies and the design of pilot projects will have an early operational payoff. Efforts to extend the study toward models of technology diffusion and regional impacts of project interventions, on the other hand, at present appeared markedly less promising. It was noted that a revised approach to modeling diffusion mechanisms had been prepared following the panel meeting, for review by the project Steering Group and panel members. On their favorable recommendation, this portion of the study would be considered in the normal manner at a forthcoming Research Committee meeting.

5. However, a review of the dynamic macro-regional model had already taken place (see memorandum from DeAnne Julius, June 17). From the outcome of this review, the prospects appeared remote that a set of policy questions of concern to the Bank could be satisfactorily dealt with in the model framework proposed. The Committee accordingly declined to support this aspect of the research. The additional funds approved for other aspects of the FY78 and FY79 work program amount to \$350,500.

"Strategic Planning to Accommodate Rapid Growth in LDC Cities" (The City Study - No. 671-47)

6. As with virtually every project where large amounts of data are collected and the research design is complex, the sponsors of the City Study have had to consider how carefully they were able to specify, before data collection was far advanced, the methodologies to be employed. Their approach to the methodological issues raised by the study, which had been arrived at in consultation with the project Steering Group, reflected a perception about the extent to which the range of policy questions of the full program of research could be specified at this early stage.

7. Most Committee members recognized that the experimental nature of research in this area suggested that these questions of methodology and policy focus could not be fully resolved in advance of the first tranche of

data collection and analysis, and would need to be reviewed in the course of the study. But they remained unpersuaded that a prior issue had been satisfactorily settled: What, specifically, were the policy questions, relationships, or hypotheses that the study would aim to address over the next two years and beyond? How were Bank activities in the field of urban development expected to be improved if the study could shed light on such questions?

8. It was agreed that in a relatively short time (e.g., by September 15), the project sponsors should compose a brief statement of the objectives to be addressed and the hypotheses to be tested. This statement would be submitted for review to the Steering Group, which would recommend to the Research Committee at its September 1977 meeting that the study be continued, modified, or possibly cancelled. To ensure progress in other domains of the research, interim funding of \$100,000 was approved pending receipt of the Steering Group's recommendation. In dissenting from this course of action, Mr. Lerdaу voted against approval of additional funds until a statement of objectives can be agreed upon.

Distribution of Income from Irrigation Projects
through the Extended Family System in the Sahel

9. Commending this proposal as one with a clear purpose that had been carefully thought out, Committee members recommended approval of this proposal as modified by the panel's comments and Mr. Bachmann's reply of June 22. Even though focused on one river valley, the sample design and study organization would likely encompass enough diversity in types of agriculture and groups of the population to hazard some generalizations about the importance elsewhere of sociological influences on the distribution of project benefits. At the very least, the proposed study should provide insight into whether such influences in the Senegal Valley would lead Bank staff to reconsider current methods of gauging project cost per beneficiary. The principal consultant was felt to have an adequate familiarity with the main features of research design and implementation in the Senegal Valley; the addition of an agricultural economist would strengthen the field team. A total authorization of \$175,300 was accordingly approved.

Distribution: Messrs. Chenery, Balassa, de Vries, Dubey, Jaycox, B. King, Kuczynski, Lerdaу, Little, Picciotto, van der Tak, Vergin, Waide

OFGrimes:gm *OK*

OFFICE MEMORANDUM

TO: Mr. G.B.H. Renger, Chief, LCPID

DATE: June 23, 1977

FROM: Krishna Challa, LCPID *Kc*SUBJECT: Comments on the Proposed Research Program on Finance and Development

1. I refer to the proposal entitled "A Program of Research on Finance and Development" by Prof. Richard Eckaus, on which Mr. Bhatt (ECD) invited comments. The proposal certainly touches upon many important areas of interest to IDF staff. However, as is clearly admitted in the proposal, the areas of research need to be defined more narrowly and their respective and priorities determined. I hope the following comments would be useful in this respect. The general thrust of my comments is to support any research that could in the short-to-medium run (say over the next 4 or 5 years) have useful operational implications to the work of IDF divisions.

2. First, while the question of the effect of interest rates on savings mobilization is no doubt an important topic, there is already considerable empirical as well as theoretical literature on this matter, and I am pessimistic as to what can be added through additional empirical studies at this time. Any empirical research that would help deduce useful general conclusions on the interest rate-savings relationship would have to span several countries and time periods. Arriving at operationally useful conclusions is particularly difficult, since the amount of savings is very much a function of the particular institutional arrangements, legal requirements and regulation of the banking system, political orientation and the duration of time over which the interest rate effects are studied.

3. For similar reasons, I would be skeptical about research on the flow of funds tables or on the effect of financial intermediation or savings.

4. I would welcome the proposed research on the performance to date of development finance companies with respect to resource mobilization and allocation among alternative investments; this could complement research already completed or planned by the Operations Evaluation Department in the case of Bank supported projects. Some special attention to study the effects of financial institutions specializing by sector appears desirable.

5. Several countries have been experimenting with selective credit control systems to direct/subsidize/regulate investments among various sectors according to desired patterns. Very little is known, however, about the effectiveness of such selective credit controls and their effects on the operation of the rest of the financial system. Empirical research on this matter along the lines outlined in the proposal would be very welcome. It would be particularly useful in connection with our work in several Latin American countries.

6. Finally, I feel that not enough is included in the proposal about research on effects of inflation on the financial system and methods to cope with them. In particular, some research is badly needed on alternative methods of indexing financial instruments and ways to implement them: for example, what are

the relative merits of implementing them gradually (with respect to time and number of instruments) vs. a one-short implementation? Similarly, some research on methods to modify the tax structure continuously to adjust for inflation might be very helpful.

7. I would also like to suggest that participation of some IDF staff in the design of the research methodology on some of the above topics might serve a useful purpose.

KCHalla/slb

cc. Messrs. Bhatt, ECD
Glaessner, LCP
Gordon, IDF
Knetter, LCPID o/r
Baskind, LCPID
Hutcheson, LCPID

Distribution below

June 21, 1977

Benjamin B. King, VPD Signed B. B. King

Annual Report on Research 1978

1. This year we hope to change the character of the traditional Chapter II in the research report. So far a lot of it has been taken up with a project-by-project description, woven together as best one can. This time we intend to have the descriptions set up in tabular form, limited to a few sentences each (probably similar if not identical, to the opening paragraph in the Abstracts).

2. This would leave the text of Chapter II to a discussion of the whys and wherefores of Bank research (including non-RPO research) in particular areas. Why do we do what we do? What problems do we see that need investigation? And so on. Reference to individual projects in the text would only be made as necessary.

3. In undertaking this dicey venture, I will be talking to you in the latter part of August (if you are here). It would be very useful to me, if you could send me before then:

- (a) copies of any existing documents germane to the subject.
- (b) a brief, quite informal note expressing your ideas to the extent not already covered in (b).

Please (i) make the "subject" of your memo(s) "Annual Report 1978" so that they can be filed in the right place in my absence on leave (until end July) and (ii) send a copy to Orv Grimes.

Distribution

Agriculture & Rural Development

J. Duloy (or nominee)
G. Donaldson
M. Leiserson
Industry
F. Moore
L. Westphal

Education

M. Hultin
J. Simmons
Urban Development and the
delivery of urban public
services
A. Churchill
D. Kearens
J. Warford

cc: for information
Messrs. Chenery, Avramovic, Fuchs, Gordon, Jaycox, Haq,
Rovani, Stoutjesdijk, Yudelman, Grimes
BBKing:gm

Research Committee Members

June 17, 1977

Orville F. Grimes, Jr., VPD

Meeting on June 24, 1977

- no attachments
This volume contains material for the meeting of the Research Committee on Friday, June 24, 1977 at 3 p.m. in Room E1208. The agenda for the meeting is:

- 1) Proposal: Marketing Manufactured Exports: A Colombian Case Study
- 2) Proposal: Distribution of Income from Irrigation Projects through the Extended Family System in the Sahel
- 3) Request for Supplemental Funding: "Appropriate Technology for Water and Waste Disposal" (671-46)
- 4) Request for Supplemental Funding: "Strategic Planning to Accommodate Rapid Growth in LDC Cities" (671-47)

The papers for the meeting are in the following sections:

- i) Budget Information - tables showing budgetary positions for FY78 and the proposals to be considered at this meeting
- ii) Proposals - the research proposals, panel recommendations, and related documents
- iii) Supplementary Requests - requests for additional funding under existing research projects
- iv) Miscellaneous

Distribution: Messrs. Chenery, Balassa, de Vries, Dubey, Jaycox, B. B. King, Kuczynski, Lerdau, Little, Picciotto, van der Tak, Vergin, Waide

OFGrimes:gm *[Signature]*

Research General
cc RPO 671-57
RPO 671-47

Research Committee Members

June 17, 1977

Benjamin B. King, VPD Signed B. B. King

Proposals for June 24 Meeting

1. Since I will not be at the meeting, I would like to make a few points on the proposals in writing.

Marketing Manufactured Exports (Colombia)

2. I strongly support this project. Since there is limited time available to the researcher, I think the project should not be overloaded with a study of incentives, except insofar as it is strictly relevant to the original purpose.

Distribution of Income from Irrigation Projects (Sahel)

3. I support this project, while recognizing the risk involved and its apparently region-specific nature. On the latter point, it would appear justified as a model for possible studies in other areas where nothing is known about the social system and the unexpected consequences for rural development projects. There may even be insights into the difference between traditional "poverty" and slightly developed "poverty".

4. Again, I think there is some risk of overloading the project. To the extent that farm management methodology is used to identify the benefits being distributed and possibly to illuminate the impact of the social system on farm management, well and good. However, if it is expected that the study should, except in a rough way, identify the difference between actual and potential farm benefits (under a different social system), I think you are asking for a different or additional project. This is not to say that the differences within the available spectrum of evolving social systems should not be identified.

City Study

5. While I agree with Bevan Waide (and others) that there is a need to identify objectives in order to avoid chasing wild geese, I suspect that this is very much an iterative process. If we knew what could be achieved now, we would be a lot better off. I have no objection to preparing a menu of objectives, provided it is whittled

down and otherwise modified as the project proceeds. My own feeling, for example, is that optimum city size is about the last thing we will get out of this, but would not prejudge the issue at this stage to the extent of leaving it off the list.

6. The continuous process of identifying objectives suitable for the Bank is very much a job for the Steering Group, which, *ceteris paribus*, should meet quarterly to review the progress of the project and send a brief note on the conclusions (if any) to the Secretary for distribution to the Committee. I think it might be desirable to have a fuller progress report after nine months or a year and an in-depth review after not more than 18 months in order to give guidance for the next tranche of the project. By that time, we ought to know where we are going. I have misgivings about the open-ended nature of the project, but would suppress them, if the end is going to be closed at that time.

7. If any member of the Steering Group cannot attend a meeting and has strong views on any subject, he should feel free to make a written statement.

8. I do not think approval of the Committee need be delayed. It can be made conditional on reasonable agreement with the Steering Group on initial objectives in the near future.

Appropriate Technologies for Water Supply

9. While I support the general objective of this project, I think the "dynamic regional model" should be out. We have considerable expertise in the Bank on the subject in general, apparently untapped. To go outside to a firm of consultants, left on their own, is to court disaster. I feel somewhat the same way about diffusion of technology, but less so, only through greater ignorance. In other words, more pipes and fewer pipe-dreams!

Distribution:

Messrs. Chenery, Balassa, de Vries, Dubey, Jaycox, Kuczynski,
Lerdau, Little, Picciotto, van der Tak, Vergin, Waide

cc: Mr. Grimes

BBKing:gm

RES. - GEN.

Mr. Hollis B. Chenery

June 10, 1977

Benjamin B. King Signed B. B. King

RAPIDE

Here are the results of the voting with two precincts reporting. Should the winners now be reported to McNamara?

Attachment

cc: Messrs. Karaosmanoglu
Avramovic
Leiserson
Duloy
Ahluwalia
Ohlin
Grimes

BBKing:gm

Score on the basis of four returns

	<u>DRC (2)</u>	<u>ECD (2)</u>	<u>Total</u>
Fishlow	8	6	14
Helleiner	0	2	2
Houthakker	8	3	11
Lewis	0	9	9
Tobin	5	9	14
Rodan	5	0	5
Solis	1.5	-	1.5
Hansen	1.5	-	1.5
Unallocated	<u>1</u>	<u>1</u>	<u>2</u>
	30	30	60

Points: 5, 4, 3, 2, 1 respectively for places 1-5.

June 10, 1977

Mr. Lars Jeurling, PAB

June 9, 1977

Orville F. Grimes, Jr., VPD

Research Program Costs: FY78 Budget Back-Up Note

1. We appreciate the opportunity to comment on the draft back-up note which explains the difference between research costs as reported in the current Annual Report on Research (January 13, 1977) and those outlined in the FY78 Budget Memorandum. However, we understand that following a timetable that was not known to us, this note has already been put in final. The clarifications or corrections we would urge you to consider therefore require some other format (perhaps a brief addendum) for circulation to those who receive the back-up note. We take up these points in their order of discussion in paragraph 2, part B of the draft.

(a). The statement that "The Research Paper does not include the cost of YP input and consultant input other than that covered by the External Research Budget" seems incorrect on both counts. Staff time figures are those enumerated in a computer run (October 9, 1976) whose title is "Summary of Staff Time by Reporting Department, Activity, Project." I understand that unless specifically excluded, YP time is indeed part of the overall "Staff Time" totals, so I fail to see how these costs can be said to be omitted. Moreover, while consultant time on research other than External Research projects is not separately identified, consultant fees figure prominently in the \$447,600 of actual outlays on in-house research given in Table 2.1, page 15 of the research report.

(b). Our impression was that by mid-October 1976, when the research paper was being drafted, final estimates of FY76 stafftime would have been in hand. Unknown to us at the time, however, by early November the research totals showed five additional manyears. We feel it would be worth exploring how in future we might adopt a final, mutually agreed figure somewhat earlier in the year.

(c). This subsection could have mentioned that the cost per manyear factor provided to us for use in the research paper included staff benefits, office equipment,

Mr. L. Jeurling

- 2 -

June 9, 1977

and other elements of the "82 percent" figure, plus travel and communications. The note correctly states that it did not include management, secretarial salaries, and other discretionary expenses. However, had it been pointed out to us that P & B includes such information in its budget document, we would have been glad to include it too.

(d). As I read this statement, our method of costing assistant time separately might in fact be preferred. By using actual totals, we avoid the questionable assumption that the ratio of assistant to professional staff time for research is the same as the Bank-wide average.

cc: Mr. B. King
Mr. Blaxall
Mr. Rodriguez

OFGrimes:gm *ef*

Supervisors of Newly Approved
Research Projects

June 9, 1977

Orville F. Grimes, Jr., VPD

Project Narratives


1. Attached ^{n/a} is a note requesting supervisors of projects in the research program to submit brief narratives on the scope, design, and organization of their projects. Following editorial revisions now under way, these narratives will be compiled and published in booklet form for distribution to research institutions, libraries, and government agencies around the world.

2. With the attached memo as a guide, would you please prepare a narrative on the project you supervise, to reach this office by Monday, June 20. You may also find the current edition of the published booklet (World Bank Research Program: Abstracts of Current Studies, October 1976, available from the Publications Unit) a useful reference as to style and length.

- Mr. L. Westphal ("Appropriate Industrial Technology," No. 671-51)
- Messrs. B. Rush/S. Basta ("El Salvador Health Study," No. 671-53)
- Messrs. S. Futagami/D. Jamison ("Economics of Educational Radio," No. 671-54)
- Messrs. I. Serageldin/M. Wodajo ("Retention of Literacy/ Numeracy Skills Among School Leavers," No. 671-55)

Attachment

cc: Mr. B. B. King
Ms. McCarthy

OFGrimes:gm 

✓ Research General
CL RPO 671-51
RPO 671-52
RPO 671-53
RPO 671-54
RPO 671-55
June 6, 1977

Research Committee Members

Orville F. Grimes, Jr., VPD

Minutes of Meetings on May 20 and 23, 1977

1. Present at the meeting on May 20 were Messrs. Chenery (Chairman), Balassa, Dubey, B. King, Kuczynski, Little, Picciotto, van der Tak, Vergin, Waide, and Grimes. Attending the May 23 meeting were Messrs. B. King, Balassa, Dubey, Kuczynski, Little, van der Tak, Waide, Pfeffermann, and Grimes.

2. Mr. Grimes reported that the shortfall in disbursements from the FY77 budget was indeed likely to exceed the 10% carryover limit, as mentioned at a previous meeting. Modest underdisbursements for most projects combined with a few very large discrepancies accounted for this result. While some forthcoming proposals, notably for later phases of the Water and Waste Disposal (671-46) and City Study (671-47) projects, were expected to make substantial claims on future resources, FY78 should likewise see little or no financial stringency.

3. Manpower, rather than external resources, seems at present the main constraint on expansion of the Bank's research capability. It was recalled that at the most recent Board discussion of research, the question of how to determine the appropriate level of research expenditure was singled out for more intensive study prior to the Board research review in February 1978. Mr. King at a forthcoming Research Committee meeting will initiate a discussion of this topic, whose eventual outcome will be a set of recommendations to Mr. McNamara.

Appropriate Industrial Technology

4. Committee members agreed with the review panel that this study could develop practical ideas on the design of industrial projects and lending programs, as well as a general strategy for research on employment-maximizing production techniques. However, to produce a thorough survey of the field and a program for further research was all that could realistically be accomplished within the time and resources available. Discussion was consequently directed toward examining how the objectives of the proposed study could be brought further in line

with these limited resources. It was felt that this could best be accomplished by confining the study to (a) a micro-level investigation of substitution possibilities facing producers, including reasons why existing appropriate techniques have not been adopted, to be based on data of known or easily determined reliability; and (b) an assessment of the policy instruments available to stimulate adoption of more appropriate techniques; that is, to two of the three major topics the proposal seeks to study. The third--estimation of total employment impacts derived or interpolated from the micro findings--was discouraged, except for those industries where it could be done without much expenditure of time. Dissimilar procedures and assumptions used in the available studies, plus missing data, would greatly complicate the task of aggregation. Moreover, whatever implications could be drawn for employment creation at the economy-wide level would need to take fuller account of incentives, comparative advantage, and related issues than is feasible in the proposed research.

5. On this understanding the Committee recommended approval of the proposal, authorizing a total of \$26,800. Agreement will be sought from the sponsors to include an IFC representative on the steering group which will be established to advise on the proposed research and discuss its findings. This group should be constituted so as to furnish some of the substantial engineering inputs needed for the study to be successful.

Construction Standards for Simple Building Accommodation Requirements

6. As noted in Mr. Dubey's memorandum of May 10, review panel members were not sure what specifically this research could add to the Bank's knowledge of appropriate low cost construction designs for basic education and other facilities, and what the expected output was from the proposed study. Some of their doubts, reflected also in the Committee's views, had to do with whether it was possible to derive any general conclusions in this area given the findings of many previous studies that the most appropriate construction methods were those using indigenous materials and techniques adapted closely to local conditions. An in-depth review of national experience with such techniques might possibly more effectively be undertaken as part of ongoing operational work. One member pointed out that the revised proposal prepared after the review panel appeared to have responded satisfactorily to the questions

raised with regard to the purpose, scope, and output of the study, and argued strongly for its approval in view also of the general importance and operational relevance of the subject. However, a clear majority of the Committee voted to reject the proposal.

Occupational Structures of Industries

7. Despite their shortcomings, forecasts of manpower requirements were acknowledged to be a useful tool for manpower and educational planning. Bank project analysts would likely benefit from a set of updated coefficients on which to base projections, as has been confirmed by those who assisted in reviewing this proposal. On these grounds the Committee recommended acceptance of the proposed Stage 1, including provision for a progress report and review after nine months as outlined in Mr. Little's memorandum of May 12. A further consideration was that the research might also improve the Bank's analytical capacity in related areas, such as the links between productivity and occupational structure and the development of new skill groupings. At an early stage it might be found desirable, as one illustration, to experiment with disaggregation of both industries and skills at the 3-digit level. Several Committee members would indeed encourage more disaggregation of industries than of skills, to the extent permitted with the present resources. The sponsors will accordingly be asked to involve in the design of the study an expert who could incorporate this wider range of potential benefits.

El Salvador Health Study

8. Queries of review panel members that had been resolved to their satisfaction in the current, revised proposal included the extent of Bank supervision, the need for disentangling insofar as possible the separate impacts of housing components on health, and possible delays or disruptions to the research stemming from political unrest in El Salvador. A key issue for the success of the study is the adequacy of the statistical design and sociometric measurements used. Given the complexity of the problems to be studied, the sponsors were urged to get a second opinion on these matters from a top-flight outside expert. With this proviso, the Committee commended this path-breaking proposal, and recommended its approval as revised with a total authorization of \$57,000.

Economics of Educational Radio

9. As the two-volume compilation of educational radio case studies recently issued by the Education Department had not been available before the review panel met, it was not easy to assess the relationship between that study and the present proposal. Furthermore a volume synthesizing the case studies was under preparation and would indicate major areas for further research. The proposed research would take up two of these areas, and in particular aim at greater quantification of costs and benefits of educational radio in various settings. After some discussion, Committee members were persuaded that the proposed research complements and further extends the studies now nearing completion. Nonetheless, the sponsors should be asked to ensure that a review of what is already known is in hand before additional case studies are launched. Committee members further endorsed the review panel's recommendation to include an example of non-success with distance learning, by adding a study of the Brazil madureza program to those proposed for Israel, Kenya and Korea. The Brazil study would be undertaken at an additional cost of \$4,000, bringing the total authorization to \$52,000.

Retention of Literacy/Numeracy Skills Among School Leavers

10. Reservations about this proposal centered on uncertainties about (a) the specific content and output of Stage 1; the extent to which, for example, survey instruments would actually be applied to a sample of school leavers; (b) which variables, particularly intelligence, location (rural/urban), and post-school experience, could be successfully controlled for in the experimental design; and (c) the most appropriate means of ensuring that adequate statistical techniques are brought to bear at the critical design stage.

11. Primarily on the premise that Stage 1 seems to allow enough time to clear up these issues before conducting intensive case studies, the Committee recommended that the proposed Stage 1 be approved, but that the sponsors provide a clearer articulation of the budgetary expenditure and the functions performed by those employed on the project. Messrs. Serageldin and Wodajo in consultation with the Research Committee Secretary should establish a steering group with an eye to what its members can contribute to the

statistical design. The sponsors should furthermore not hesitate to seek an outside opinion on the adequacy of sampling techniques, even at a small addition to the budget, should that prove desirable.


Supplementary Request: "Education and Rural Development in Nepal" (No. 671-49)

12. While this request for an extension of the Nepal study to the Chiang Mai region in Thailand was approved as presented, some Committee members would have welcomed a prior statement of research objectives in rural development more generally, against which to evaluate this request. Without one, it was difficult to judge whether the economy of the Chiang Mai region presented features of sufficient general interest to make it a high priority for intensive study.

Supplementary Request: "International Comparison Project" (No. 670-68)

13. The request for an additional FY77 allocation of \$20,000 under this project was approved as presented.

Distribution: Messrs. Chenery, Balassa, de Vries, Dubey, Jaycox, B. King, Kuczynski, Lerdau, Little, Picciotto, van der Tak, Vergin, Waide; Pfeffermann

OFGrimes:gm 

Those listed below

June 3, 1977

Orville F. Grimes, Jr., VPD

Forthcoming Research Committee Meeting

1. It is likely that after its June 24 meeting, the Research Committee will next meet in late September. A subsequent meeting would probably take place in late October.
2. To be considered at the September meeting, research proposals in final form and requests for supplemental funding under existing projects should reach me no later than Wednesday, August 31. A corresponding submission date for the subsequent meeting will be fixed later.
3. I would appreciate it if those planning to submit proposals by August 31 would confirm their intention of doing so (preferably with a semi-final proposal draft) sometime during the summer.

Distribution:

Research Committee Members
DPS, CPS Directors and Division Chiefs
Regional Chief Economists
Mr. Chernichovsky
Mr. Lowther
Ms. Hidalgo-Gato, Stout
Miss Peter
Mrs. Cleave
Mrs. Hazzah o/r

OFGrimes:gm

OFFICE MEMORANDUM

TO: Mr. B. B. King, Research Adviser, DPS

FROM: Ernest Stern, ^{ES}VP, South Asia

SUBJECT: Research in India

DATE: June 2, 1977

There are several proposals being discussed for research in India. Some of these may be intended for Research Committee consideration, while others may be proposed for financing from Departmental budgets.

Externally-financed research has been a sensitive subject in India for many years although the intensity and scope of adverse feeling has varied. At present, the climate for such research seems good, but changes in attitude are possible, if unpredictable. It is therefore our policy to be highly selective in endorsing Bank-financed studies in India, so as to avoid the risk of having too high a profile at some future date. At present we would be reluctant to see more than two or three studies under implementation at any one time, unless strong reasons are advanced to the contrary. These limitations do not apply to research undertaken by the Indian authorities out of the proceeds of loans and credits - as is already happening in the case of research being done by ICICI and IDBI.

We are particularly reluctant to see research projects undertaken in India directly by Bank staff and expect that Indian institutions would be involved in research proposals as a matter of course.

In order to avoid needless preparatory work, I would therefore be grateful if you could draw the attention of anyone proposing to sponsor research in India to this policy, and advise them to be in touch with the India Division at a very early stage in project design.

cc: Messrs. Chenery, Waide, Blobel, Alisbah

Mr. Douglas H. Keare, Chief, ECDRB

June 1, 1977

C. R. Dickenson, Deputy Chief, EMT

Visit to Colombia - Back-to-Office Report

1. We have received and read with interest the Back-to-Office Reports prepared by Messrs. Thoss and Sfeir-Younis and note the fact that the National Planning Department has proceeded with setting-up a new research group to gather data and formulate a more appropriate methodology to cover the cost of public services provision within the decentralization context. We further note that in connection with telecommunications, the questionnaire has been sent to the different municipalities.

2. We have ourselves undertaken a fairly comprehensive study of the telecommunications sector in 1974 and, in the hope it will be of interest, we attach a copy of the sector memorandum prepared outlining the results of this study. *n/a*

3. We should perhaps indicate that telecommunication services and, in particular, telephones are provided within the framework of a national network and it may be difficult to obtain adequate data from the specific municipalities operating in defined areas. It might therefore, be helpful for us to review the questionnaire sent to the different municipalities and possibly make suggestions on whether the data requested are comprehensive and likely to be adequate for the study in question.

Attachment:

CRDickenson/dmc

Research - General
(Financial Dev.)

Mr. Paul F. Knotter, Acting Chief, LCPID

May 25, 1977

Thomas L. Hutcheson, LCPID

Mr. V.V. Bhatt Request for Comments on a Research Proposal in
Financial Development

1. This research proposal is admittedly unfocussed and given the state of the art this is no criticism. My suggestions and comments are going to be equally unfocussed.
2. On flow-of-funds analysis, I would downplay elaborate FF tables but I do think that a summary table similar to the attached example can be very useful, particularly if the private sector can be disaggregated to firms and households and the financial sector is disaggregated to Monetary Authority and others.
3. I support the idea of a study of reserve requirements on financial intermediaries. Several aspects are important:
 - a) Reserve requirements as a tax on the monopoly value of bank charters.
 - b) Reserve requirements as a way of financing the public sector by capturing the gains from seigniorage and the inflation tax.
 - c) Reserve requirements as a way of giving subsidized credit to certain sectors or otherwise directing credit.
 - d) Reserve requirements effects on intermediaries profitability and ability to mobilize resources.
4. I also second studies of interest rate policies; the numerous examples of their effects on resource mobilization of DFCs would be a good place to start. Although I think DFCs do need to be studied as institutions, I would think that a lot of this is done ad hoc in the course of appraisals. Therefore, this aspect might be limited to drawing conclusions on the basis of available data. Finally, I think that the effects of inflation on both financial and non-financial firms when tax system tax nominal rather than real incomes needs study.
5. In all of these areas the need for detailed country knowledge should not be overlooked. Superficial work will go no further than current, anecdotal knowledge at best and would result in erroneous conclusions at worst.

THutcheson:gl

cc: Messrs. Jurgensen, LCPID
V.V. Bhatt, ECD

OFFICE MEMORANDUM

TO: Mr. Douglas H. Keare, Chief, ECDRB

DATE: May 18, 1977

FROM: *Alfred Scott*
Alfred Scott-Younis, ECDRBSUBJECT: Back-to-Office Report, Visit to Colombia, April 10-24

1. According to my terms of reference dated April 4, 1977, I arrived in Bogota on April 10. The first objective of the mission was to assist the National Planning Department (DNP) officials in refining their research program on urban public services costs and city size. (See Back-to-Office Report, dated May 17, 1977). The second objective of the mission was to continue the field research related to the urban solid waste sector in different Colombian cities.

Solid Waste Collection and Disposal

2. The second objective of the mission was to continue the research related to the solid waste sector in Colombia. I visited Bogota, Medellin, and Cali, where I collected information on cost and comparative solid waste disposal systems. Discussion was conducted with national and local authorities on the progress of my research.

3. One of the most important institutional changes that has been in effect since my last visit to Colombia is the new organization and responsibilities of the INSFOPAL (Instituto de Fomento Municipal). They have taken responsibility for the planning and implementation of the PRONASU (Programa Nacional de Aseo Urbano) at the national and local levels; and have issued guidelines to conduct specific studies about the actual state of the garbage collection and disposal systems in different Colombian cities (see Annex 2). One of the difficulties they might encounter refers to the present deficiency of domestic consulting firms specialized in this area to conduct these studies.

4. The major factor leading to this institutional change is the understanding by public authorities that the solid waste sector has become one of the critical problems in the rapid Colombian urbanization process. In addition, the growing need for coordination and immediate policy planning of the solid waste sector has encouraged government to identify and distinguish those aspects of it which are matters of national policy (i.e., environmental quality standards) from those which could be dealt with at the local level (i.e., optimization of garbage collectors' routes).

5. The complexity of the sector, the lack of knowledge and adequate research has led me to conclude that some of the following problem areas must be studied.

(a) Tariff structure in different cities. The tariff structure is not uniform in different Colombian cities, and the basic problem is to find a tariff structure which meets the Colombian government's objective of income redistribution while it enables the system to move toward a more efficient allocation of resources, with socially acceptable standards.

(b) Intermunicipal arrangements. The law does not provide guidelines to regulate and facilitate intermunicipal arrangements for solid waste collection and disposal. This will become a critical issue when the system will eventually become more efficient and a clear need to take advantage of the economies of size will be necessary.

(c) Residual generation and disposal in different cities. An intersectoral analysis within a city taking into account origin and destination of residuals has to be made. This study will enable policy makers to assess more realistic demand projections for capital and other scarce inputs in this sector.

(d) The role of the private sector. The private sector is already collecting and disposing residuals by using their own means of transportation (i.e., construction sector). A study of structure, inputs, and intervening economic incentives in the private sector will enable public authorities to compare or to implement institutional changes which might lead to a favorable allocation of resources within the public sector.

(e) Market and price mechanisms of recyclable and reclaimable materials. The recycling economy in Colombia seems to be large and generating substantial benefits to the urban poor.

(f) Balanced public sector services development. Among the existing set of public services some of them act as leaders (i.e., housing) and others as followers (i.e., garbage collection and disposal) in the context of urban growth. There are specific trade-offs to be studied between alternative technological packages within a given set of public services. For example, high density housing will move garbage collection costs to a different level as compared with low density housing.

(g) Public sector efficiency. Investment planning in public services is based upon existing levels of technical efficiency (which are in most cases below optimal levels). This has brought about an over-investment in the service sector. Micro and macro efficiency studies--such as macro and micro garbage collector routing--will produce substantial cost saving benefits.

(h) Benefit costs analysis of alternative disposal technologies. Project design and implementation in this sector has taken into consideration the socio political realities of the sector, in this case the urban poor ("pickers"). The alternative technologies have to be evaluated taking into consideration labor intensive projects.

(i) Budget studies and the National Commission for Solid Waste. Careful studies have to be conducted on the financial aspects of the sector. Also, given the importance of this sector in Colombia, we have to study the feasibility, functions, and scope of a National Commission for Solid Waste which will be an executive secretary dealing with this sector's national policies; and

(j) Intercity cost functions. There is a set of variables which might explain cost variability among cities of different sizes. These variables may be population, density, frequency of service, type of administrative authority, and the like.

6. Most of my work from now to the end of June will concentrate on stating some of these problems, possible solutions and alternative methods of analysis. Future research in this area will demand more sophisticated studies and surveys. The lack of data in this sector represents the most immediate research constraint. This will demand in the future direct involvement (financing) by domestic organizations and/or by the Bank.

7. The research on solid waste fits into the overall research on comparative costs and decentralization policies in Colombia. While most of these studies will enlighten the functioning of this sector, para 5, subparas. (c), (e), (g), (i), and (j) will directly contribute in the development and implementation of the macro/regional model proposed.

cc. Messrs. Avramovic, Chenery, Churchill, Donaldson, G., Favilla, Gouveia, Grimes, Ingram, Kalbermatten, Lee, J., Little, Overby, Ringskog, Saunders, Scott, I. (Bogota), Selowsky, Strombom, Stoutjesdijk, Warford, Zavala

Ms. Julius

ECDRB Staff Members

ASY:mah

GUIA PARA PRESENTACION DE PROPUESTAS PARA ESTUDIOS DE ASEO URBANO.1. OBJETIVOS DEL ESTUDIO DE ASEO URBANO.

1.1. Analizar los aspectos Técnicos, Administrativos y financieros de la prestación actual del servicio de Aseo.

1.2. Determinar y diseñar los sistemas más convenientes a corto y mediano plazo para :

1.2.1. Manejo doméstico de los residuos sólidos.

1.2.2. Barrido de vías.

1.2.3. Recolección de residuos sólidos.

1.2.4. Transporte.

1.2.5. Tratamiento , si hay lugar.

1.2.6. Disposición final.

Estos diseños tendrán en cuenta principalmente los aspectos siguientes :

- Preservación del medio ambiente.
- Consideraciones técnicas.
- Aspectos económicos.

1.3. Adecuar las estructuras técnicas, administrativas y financieras del servicio de aseo a los sistemas propuestos que permitan la autosuficiencia financiera del Servicio de Aseo.

- 1.4. Recomendar un plan para racionalización inmediata del servicio existente.
 - 1.5. Definir un sistema de evaluación que incluya indicadores de control que permita un método de corrección para reprogramación futura.
-



INSTITUTO NACIONAL DE FOMENTO MUNICIPAL

2. ALCANCES.

Los aspectos a considerar serán los siguientes :

2.1. Situación actual.

2.1.1. Características generales de la localidad.

- Aspectos Urbanísticos.
- Aspectos Demográficos.

2.1.2. Servicio de Aseo existente.

- Aspectos técnicos (barrido, recolección, transporte y disposición final).
- Aspectos Financieros y tarifarios.
- Aspectos administrativos.
- Aspectos Institucionales.

2.1.3. Planes y Programas existentes relacionados con el servicio y análisis de su compatibilidad. -

2.1.4. Investigación, estudio y proyecciones de los aportes de residuos sólidos en la localidad.

2.1.5. Análisis, conclusiones y restricciones del servicio.

2.2. Programas de racionalización inmediata del servicio en estos mismos campos.

2.3. Situación futura.

2.3.1. Identificación de alternativas técnicas y operacionales para el servicio de aseo , y sus etapas de desarrollo hasta el año 1987. -

2.3.2. Recomendaciones y justificaciones de las alternativas más convenientes, desde los puntos de vista técnico, administrativos, económicos y ambientales.



- 2.3.3. Factibilidad financiera de las alternativas seleccionadas.
- 2.3.4. Desarrollo a nivel de detalle de la alternativa seleccionada, en los diferentes aspectos contemplados dentro del período de diseño.
- 2.3.5. Reestructuraciones administrativas, institucionales, financieras y tarifarias necesarias en la organización actual para su adecuación a los sistemas propuestos.
- Organigramas (inicial y final).
 - Planta de Personal .
 - Funciones a nivel de las dependencias relacionadas con el servicio de aseo.
 - Guía operacional del programa.
 - Estructuras financieras necesarias para la autosuficiencia del servicio.
 - Estudios tarifarios.
- 2.3.6. Definición del sistema de evaluación más apropiado para los sistemas propuestos, que permitan su reprogramación futura, si fuese el caso.
- 2.3.7. Acciones de coordinación e integración de entidades y programas que tengan o puedan tener alguna relación con el servicio de aseo urbano.
-

INSTITUTO NACIONAL DE FOMENTO MUNICIPAL

3. CONTENIDO.

Las actividades y el nivel de detalle que cada consultor considere necesarios para dar cumplimiento a los objetivos y alcances antes enunciados, deberá - ser definido por cada uno de los proponentes y ser consignados y justificados en la respectiva propuesta. -

Con base en este contenido el consultor, deberá proponer los términos de referencia bajo los cuales adelantaría el estudio respectivo.

4. ETAPAS PARA EJECUCION.

El desarrollo del estudio se divide en dos etapas :

Primera etapa . Incluye el diagnóstico de la situación actual y estudio de facti**u** bilidad de las soluciones propuestas.

Comprende el desarrollo de los numerales del 1 al 2.3.3. inclusive.

Segunda etapa . Comprende el desarrollo a nivel de detalle de la alternativa se leccionada y aprobada por la Entidad Contratante.

Esta etapa será opcional y por tanto los estimativos de personal requeridos y su - tiempo de participación , deberán presentarse en forma separada para cada etapa. Comprende el desarrollo de los numerales del 2.3.4. al 2.3.7. inclusive.

5. FORMA DE PRESENTACION DE LA PROPUESTA.

La propuesta se presentará solamente en su parte técnica ; incluyendo además nece**s** sariamente términos de referencia detallados.

Organización propuesta para ejecución.

Cronograma de ejecución.

Personal participante por actividad y etapas.

OFFICE MEMORANDUM

Mr. [Signature]
Mr. [Signature]

TO: Mr. Douglas H. Keare, Chief, ECDRB

DATE: May 17, 1977

FROM: RCT Rainer C. Thoss and Alfredo Sfeir-Younis, ECDRB

SUBJECT: Visit to Colombia - Back-to-Office Report

1. In accordance with our terms of reference dated April 4, 1977, we visited Bogota, Colombia, from April 19 to April 24. The objective of this visit was to continue the discussion with the Colombian government about a study of urban services costs in different Colombian cities, and the potential contributions of such a study to a policy of optimal spatial allocation of socio-economic activities ("(de)centralization"), as well as the pricing of public services in the context of financing urban growth. In the course of these discussions we spent two days at the Departamento Nacional de Planeacion (DNP) and one day at the Corporacion Centro Regional de Poblacion (CCRP).

2. As expressed in Mr. Linn's memorandum of February 14, 1977 and Mr. Sfeir-Younis' of February 28, 1977, the National Planning Department (DNP) was going to put together a new research group, gather data, and formulate a more appropriate methodology to study the cost of public services provision within the decentralization context. DNP has hired three full time researchers for this study; one in the area of engineering and business, and two in the area of economics and quantitative methods. Also, they have received the cooperation of other DNP units in terms of technical assistance and data collection. Data gathering efforts have been oriented to three public services, i.e., water and sewerage, telephones, and electricity. Most of the data refer to expenditure due to the difficulties in collecting physical input statistics. It is expected that by the end of this month DNP will have collected most of the available data for these services. Data on water and sewerage has been collected from investment feasibility studies made for small size cities (less than 70,000 inhabitants); for telephones, a questionnaire was sent to different municipalities; and for electricity it is being collected from national offices since this service is provided nationally. The data collected will be used to make some preliminary studies in the form of average costs functions for the mentioned sample of public services in different Colombian cities (i.e., Pereira, Manizales, Bucaramanga, Bogota). The method for the calculation of an average cost curve considers first a disaggregation of total costs into capital costs and operation and maintenance costs; capital cost including expansion of existing facilities and new investments and operating costs including labor costs, services, and administration. Second, the classification of the most relevant activities of each service (e.g. in the case of water supply: water catchment, filtering, transmission, treatment, storage, and distribution). Third, the determination of a set of variables which would explain average cost levels for each activity. Fourth, the estimate of an average cost curve for each service in each city. Finally, the adjustment of cost figures by a price index that shows relative price differentials among cities.

3. Given the immediate limitations of this method, the mission devoted its time to reshape and integrate these data into a more general and realistic model. The model is one of Activity Analysis which considers as one part of its constraints relevant cost data.

4. In our discussions with DNP officials we concentrated upon the possibilities of making the research more policy-oriented, by embedding this work into a broader conceptual framework of an optimal spatial allocation decision model. This would mean that, besides public expenditure, the following aspects of optimal allocation decisions should be considered:

- multiplier effects
- environmental benefits and costs
- productivity differentials
- improvement of employment opportunities
- improvement of the income distribution

It was agreed that the monetary cost of urban services is not the only criterion for a (de)centralization policy and that one should try to reach at least a rough estimate of social opportunity cost of services provision. The comparative cost study should therefore be considered within the general framework of multi-locational activity analysis, especially taking into account the different resource constraints which limit the range of available locational options. The nature of this approach is discussed in greater detail in the Appendix. It would provide a link between the macro economic models at the national level and the much more detailed analysis of single cities.

5. This change in the scope of the analysis from expenditures to social opportunity costs requires the collection of more data and their processing in the form of activity analysis. Fortunately, however, a large part of the additional information needed is already available in the simulation model SERES, constructed by CCRP with the participation of Mr. Alvaro Reyes. The model SERES contains a 10 sector input-output part and consumption functions to take care of multiplier effects; it considers the generation of public revenue and direct and indirect taxes; and it treats the demand for primary inputs (capital and labor) in the form of fixed-proportion production functions. Labor demand is disaggregated into four different groups, according to the degree of education.

6. We estimate that a model of the more comprehensive (spatial allocation policy) variant could be constructed in about two years. There are two possible procedures for reaching the final result:

- One would be to study first all kinds of services and other parts of the system, each separately, and putting the parts together as the final step of the analysis.
- The other possibility would be to first start with a highly aggregated version of a consistent model, then introducing step by step more detailed information by way of disaggregation of activities (i.e., more columns and rows).

In the last case, for example, the following schedule could be followed:

- Step 1: Construction of a multi-locational model (nine regions?) using the SERES material and other readily available information; test runs; sensitivity analysis.
- Step 2: Disaggregation of the public utility activities already under study; test runs; sensitivity analysis.
- Step 3: Disaggregation of the social services activities; test runs; sensitivity analysis.
- Step 4: Analysis of fiscal policy instruments (e.g. charges); test runs; sensitivity analysis.

7. Agreement was reached that this work will be in principle conceived in three different phases: (a) Phase I will finish data gathering for water and sewerage, telephones, and electricity. Also, DNP will present to the World Bank a report on some empirically estimated cost curves based on their partial equilibrium analysis method; (b) Phase II will consider the incorporation and implementation of cost and public services provision within the Activity Model; and (c) Phase III will consider the completion of the model focusing on its technical specifications, empirical testing, and policy analysis. It is expected that Phase I will be finished by June 1 and Phase II by the end of December.

8. The transition of Phase I into Phase II, and onwards, would demand sophisticated data gathering processes, and the knowledge of more comprehensive economic models. Moreover, there will be a need for a thorough analysis of decentralization questions in Colombia with a clear understanding of the relevant policy issues. This would eventually require a more active participation of the Bank not only in terms of qualified personnel but also in terms of financial assistance. DNP has asked the Bank for technical assistance, particularly, during Phase II of this study.

cc. Messrs. Avramovic, Chenery, Churchill, Donaldson, G., Favilla, Gouveia, Grimes, Gupta, S., Ingram, Kalbermatten, Lee, J., Little, Overby, Ringskog, Saunders, Scott, I. (Bogota), Selowsky, Strombom, Stoutjesdijk, Warford, Zavala
Ms. Julius

ECDRB Staff Members

RThoss/ASfeir-Younis:mah

STEPS TOWARDS A MODEL FOR THE STUDY OF SPATIAL
(DE)CENTRALIZATION AND PUBLIC SERVICES COSTS

On the basis of the discussions with the National Planning Department, the following research program was tentatively agreed upon:

1. Future research on the comparative costs of urban services should be considered as a contribution to a more comprehensive multi-locational model of the development process.

Without objective function, such a model could be used to simulate the impacts of alternative levels of exogenously determined policy measures, population growth, migration, etc. on urban services and their costs.

With an additional objective function (e.g. maximizing a function of substitutable fundamental objectives), the same model could be used to simulate the consequences of alternative policy targets, especially showing the optimal spatial distributions of socio-economic activities resulting from different targets, taking into account social benefits as well as social opportunity costs, resulting from productivity and environmental carrying capacity differentials, as well as urban services costs. It must be emphasized, that only when a model contains objectives and resources constraints it can satisfactorily deal with "costs" of any type. In our case, it must specifically focus on the role of urban services for employment and growth, wages and income distribution, and environmental quality, in order to find out what are the true costs of urban services to the Colombian economy and what are benefits rather than costs. In this form, the model can be regarded as an aggregated project selection model in which the same criteria are used as are proposed for project appraisal by Squire/van der Tak ("Economic Analysis of Projects").

2. Future research therefore should be considered as an attempt to "pre-fabricate" urban service columns and rows for an eventual model of this type. In due time, the results then could be combined with the relevant parts of SERES (plus exogenous driving variables), to form a traditional simulation model. If some of the exogenous conditions are substituted by a function of fundamental objectives, the model is turned from a projection model into a flexible targets (optimization) model. Depending upon the desired degree of detailed information, this model then may or may not have to be organized as a multi-level program.

3. To accomplish this result, the following steps seem to be necessary:

3.1 A conceptual framework of the final model must be devised at the beginning in order to guarantee consistency of the separate "pre-fabricated" parts, taking into account the already available materials from SERES.

3.2 Variables for urban service activities have to be defined more precisely. This can be considered as a disaggregation of the public sector

of the SERES model. In this context, a strong preference is to be given to physical units of measurement for these activities, because then it becomes easier to distinguish between physical inputs and monetary expenditure for those services. In connection with the definition of units of measurement for those activity levels, also the required degree of disaggregation within each service has to be decided. Of course, each service itself could be considered as a system of interdependent activities, but for the beginning it is to be recommended not to go into too much detail within each particular type of service and leave the further intrasectoral breakdown for future studies.

3.3 The requirements (standards) for urban services per unit of output, and/or per capita must be specified. This is in part a value judgment and must eventually be subjected to sensitivity analysis in the view of social opportunity costs (welfare foregone).

3.4 Land use coefficients of all activities must be estimated, because allocation decisions in some Colombian cities may depend heavily on the available land.

3.5 Budget equations must be specified in order to describe the necessary and feasible flows of public funds. The expenditure side of those constraints is formed by the monetary expenditure per unit of physical output, multiplied by the activity levels of public services. This procedure implies that market prices for public inputs are considered as given and cannot be changed by the government. Regional price differences (e.g. different land prices) may result in regional differences of urban services costs, even if the physical inputs per unit of output are the same in all cities.

3.6 In order to account for environmental opportunity costs, residuals balances and environmental ambient standards have to be specified. Here special care should be taken to integrate the research of Alfredo Sfeir-Younis on solid waste disposal in Colombia, as a model for the approach to be taken in all the "public utility" sub-sectors.

3.7 Migration should be included in the analysis. As far as projections are concerned, it seems possible to use for that purpose the results of Michael Conroy. Their shortcoming, however, seems to be his assumption that migration depends entirely on employment, i.e., in-migration into a city stops automatically if (and only if) industrial employment stops growing. This seems an unrealistic assumption.

3.8 The National Planning Department expressed great interest in also including possibilities of import substitution explicitly. Contrary to this view, which I previously shared, I would now rather have it included implicitly. This means that the model should work on the assumption of fixed proportions for imports for a given period. In the course of time, then, the import coefficients can be diminished, and those of domestic inputs parallelly increased, to take care of import substitution.

3.9 It should be clear that, in a given period (say, one year), only incremental changes of the inherited spatial pattern and the available infrastructure are feasible. This means that the step-size of changes in the

activity levels has to be limited by flexibility constraints, each of which specifies the maximal conceivable rate of growth or decline.

3.10 Parallel to all this work, the materials of model SERES should be collected and prepared for combination with the results of the cost studies.

3.11 Also parallel to the above research, the fundamental objectives of the government should be discussed and specified. This implies answers to the following questions:

- which objectives are substitutable (should be included in the objective function to be maximized), and which should only be included as constraints?
- which weights should be used in the objective function for
consumptions vs. investment,
private vs. public uses,
internal use vs. export earnings,
consumption of the rich vs. consumption of the poor, and
income vs. environmental quality?

4. As to the empirical work on comparative costs, the selection of cities should not preclude the use of the results for the purposes of spatial allocation policy. The National Planning Department at present is working on a proposal for delineating regions for spatial policy. This has led so far to the definition of 8 regions (plus Amazonas, Vaupes, Guainia and Vichada). It was agreed that from each of these regions the major city (cities) should be selected for the comparative study. This leads to 10 cities in 8 regions, namely:

1. Barranquilla
2. Cartagena
3. Medellin
4. Bucaramanga
5. Manizales-Pereira-Armenia
6. Bogota
7. Cali
8. Ibague

Taking the rest of the country as one single region, this would eventually lead to a model with 9 regions, for each of which the optimal activity levels would have to be determined simultaneously.

5. The enclosed matrix gives an impression about the structure which could be envisaged for the final model. It gives the interrelations within one isolated region.

	Urban Service Activities		Public Investment Activities				Production Activities		Final Demand		In-Com	Un-employ	Popul	Migration	Visiting	Sewage	Revenue	User's Charges			RHS
	X_A	$-X_A X_i$	DQ_A	$-DQ_A$	DQ_A	$-DQ_A$	X_i	$X_{10} X_{11}$	$C_2 C_3$	$OK EX$								$Y_1 Y_2$	$U_1 U_2$	$P_1 P_2$	
Intermediate Inputs	-H		-G				I-A	0	-D	-b-e											= 0
Labor inputs and imports	0		0		-Z		0	1	0	0											= -q(t-1) - km
Public Revenue	-V _{us}		-ma																		= 0
Value Added	-V _{us}						-V _x			I											= 0
Multiplier Effect									I	-C											= 0
Capital Inputs	\tilde{K}_{us}		-I		-I																≤ (1-f)Q(t-1)
Labor Inputs and Population	L_{us}						L_x			I		-L _s									≤ (1-f)K(t-1)
Land Inputs			L_a		L_a				L_x												≤ 0
Public Expenditure	\tilde{C}_{us}		\tilde{C}_a		\tilde{C}_{pv}		-P _x											-b	-I	-I	= 0
Required Service Standards	-I						E_x						N								≤ 0
Environmental Standards			ω_p																		≤ 0
Equity Standards																					≤ 0
Sustainable T			ω_p		ω_p				ω_c	ω_p											≤ 0

SERES

Variables:

X Production (9 services, 11 sectors)
 DQ Public Investment (9 services)
 DK Private Investment
 C Consumption (2 income groups)
 EX Total Exports
 Y GNP (2 income groups)
 U Unemployed Persons (4 qualification groups)
 P' Inhabitants (2 income groups)
 M Migration
 DT_G Additional Territory for Garbage Disposal
 S Untreated Sewage
 R Tax Revenues and Loans
 C , Revenue from Users' Charges (9 services, 2 income groups)
 QM Public Capital Imports
 KM Private Capital Imports
 T_B Land for Building
 T_H Land for Housing

Indexes

A	Administration	1	Agriculture (modern)
B	Education	2	Agriculture (export)
H'	Health Services	3	Agriculture (traditional)
T	Transportation	4	Industry (modern)
EL	Electricity	5	Industry (traditional)
TT	Telephone	6	Services (modern)

Indexes (continued)

W	Water	7	Services (traditional)
G	Solid Waste	8	Transportation
S	Sewerage	9	Mining
		10	Construction (modern)
		11	Construction (labor intensive public works)

I, II Index of Income Groups

In the partitions of the matrix, upper case letters symbolize matrices, lower case letters vectors; I stands for a unit matrix; a circumflex indicates a diagonal matrix of coefficients.

The part which could be adapted from SERES has been indicated by a heavy dotted line.

6. After the return of the mission to Washington, it was learned that Mr. S. Gupta (Economic Analysis and Projections Department) is planning to construct a IP-model for Colombia with (tentatively) seven sectors and three regions. In preliminary discussions the desirability of close cooperation was stressed.

Research Committee Members

May 13, 1977

Orville F. Grimes, Jr., VPD

Meetings on May 20 and May 23, 1977

This volume contains material for the meeting of the Research Committee on Friday, May 20, 1977 at 3 p.m. in Room E1208. With a rather full agenda, we will probably find it necessary to reconvene on Monday, May 23, 1977 at 3 p.m. in Room E1208.

The agenda for these meetings is:

- 1) Proposal: Appropriate Industrial Technology: Macro-Economic Implications and Policy Issues
- 2) Proposal: International Study of Retention of Literacy/Numeracy Skills among School Leavers
- 3) Proposal: An Evaluation of the Effects of a Sites and Services Project on the Health of the Low Income Population in the Cities of El Salvador
- 4) Proposal: Construction Standards and Methods Appropriate for Simple Building Accommodation Requirements
- 5) Proposal: Occupational Structures of Industries
- 6) Proposal: Economics of Educational Radio
- 7) Request for Supplemental Funding: "International Comparison Project" (670-68)
- 8) Request for Supplemental Funding: "Education and Rural Development in Nepal" (671-49)


The papers for the meeting are in the following sections:

- i) Budget Information - tables showing budgetary positions for FY77 and FY78, and the proposals to be considered at the next several meetings
- ii) Proposals - the research proposals, panel recommendations, and related documents

- iii) Supplementary Requests - requests for additional funding under existing research projects
- iv) Forthcoming Proposals
- v) Completion Reports
- vi) Miscellaneous - revised guidelines for preparation of proposals and Status Report^{ss}

Distribution

Messrs. Chenery, Balassa, de Vries, Dubey, Jaycox, B. King, Kuczynski, Lerdau, Little, Picciotto, van der Tak, Vergin, Waide

OFG:gm 

May 11, 1977

Mr. W. Marczewski
OECD Development Center
94 Rue Chardon-Lagache
75016 Paris, France

Dear Witold:

I am writing in relation to your research project on the establishment of a system of socioeconomic data sets for rural and urban areas. I have been discussing with colleagues in the Bank the possibility of providing some financial support to this study. It now looks as if we might be able to provide at least some seed money. However, in order to take a decision, we would need some more information on the project.

In this connection, I have three requests. Perhaps you could emphasize a little more the close integration of what you wish to do with the work under way in FAO and in fact provide for the use of the FAO work in the methodology as well as a description of what FAO is doing. Secondly, I think the presentation of the proposal might usefully be done along the lines of the usual research proposal in the Bank. I have sent to Mme. Harari an outline of what is usually required. You need not stick to this in great detail since the project as such would not have to go to the research committee, but the major items should be taken into account. Finally, we would need some clear cost estimates for each stage of work and, in particular, for the methodological work required at the beginning including provisions for travel and discussions with FAO.

I might also mention that if the Bank picks up part of the cost, this would be a joint effort by the Rural Development Department and the Urban Projects Department. David Turnham may send further comments but this should not stop you from preparing the proposal at this time since we are eager to conclude the matter before the financial year is over at the end of June '77.

Given the lead time required in the Bank to finalize financial arrangements, I would hope to have your proposal as soon as possible and certainly not later than the end of May.

With best personal regards.

Yours sincerely,

Friedrich Kahmert
Operations Review and Support Unit
Urban Projects Department

FKahmert:bb/ba

cc: Messrs. Jaycox, Dunkerley, Churchill

OFFICE MEMORANDUM

Research - General

TO: Research Committee Members
FROM: Orville F. Grimes, Jr. *OGJ*
SUBJECT: Revisions in Procedures

DATE: May 10, 1977

For your information I attach herewith the recently revised guidelines for preparation and submission of research proposals, along with the new form used to monitor the status of current projects.

Attachments

Distribution: Messrs. Chenery, Balassa, de Vries, Dubey, Jaycox, B. King, Kuczynski, Little, Picciotto, van der Tak, Vergin, Waide.

Guidelines for Submission of Research Proposals

A. Introduction

Projects proposed for consideration by the Research Committee should be submitted to the Secretary to the Research Committee, Development Policy (Room F1233, tel. ext. 6003). The Secretary will forward those that are suitable for review to an ad hoc panel, generally composed of three to six Bank staff members with a member of the Research Committee as Chairman. With whatever modifications to the proposal result from the review panel's deliberations, the proposal and panel recommendations are forwarded to the Research Committee for consideration at its periodic meetings.

Submission dates for proposals are given in announcements of forthcoming Research Committee meetings that are circulated to DPS and CPS Directors and Division Chiefs and Regional Chief Economists. Sponsors of research should be aware that proposals in final form must reach the Secretary to the Research Committee by the submission deadline, to ensure a productive as well as reasonably unhurried review. Particularly when the flow of proposals is expected to be heavy, it is also useful to forward proposals in draft form prior to the deadlines. The Research Committee Secretary and Research Adviser can then provide assistance on particular aspects of project design and, when it appears desirable, arrange for a preliminary meeting with the ad hoc panel.

B. Preparation of Proposals

A research proposal consists of two sections:

- (1) A narrative describing the proposed project, and
- (2) Cover sheets (attached), which summarize pertinent project data, indicate approval of the project by the responsible Division Chief and Department Director, and reflect the views of other Bank Departments having an interest in the study.

Narrative

A full explanation of the scope and objectives of the proposed research and its technical and organizational feasibility is given in the project narrative. There is no prescribed length, but descriptions should be as brief as possible without sacrificing clarity. The narrative must be accompanied by a summary not exceeding two single spaced pages.

Listed below are the topics to be given special emphasis in preparation of the project narrative. While coverage of these topics, and their order of presentation, will naturally vary among projects, research sponsors are strongly urged to use the major headings (Objectives and Strategy; Design; Organization; Resource Requirements) as the organizing framework for their narratives.

I. OBJECTIVES AND STRATEGY

- A. Statement of the general problem to which the research is addressed; origin of interest in the problem within the Bank
- B. The goals or objectives of the proposed study
- C. The relationship of the study to other current and planned research, in the Bank and elsewhere, on the same subject
- D. Expected usefulness for Bank operations in projects or sectors, country economic analysis, and policy formulation; or to planning authorities and others in developing countries
- E. The degree to which the study will assist in developing indigenous research capacity in member countries (to the extent not covered under Part III.D)
- F. Expected contributions to knowledge of development processes, if not described elsewhere
- G. How the intended audience(s) will be served by the output of the study
- H. Reasons for the choice of countries to be involved

II. DESIGN

- A. The analytical framework on which the study is based
- B. The specific research tasks or components
- C. Methodologies to be applied in testing hypotheses; the extent to which the theoretical approaches differ from or improve upon those of previous studies
- D. Nature and reliability of the data to be used, including, if applicable, the design and coverage of sample surveys
- E. Nature of the final product or products

III. ORGANIZATION

- A. The work program and sequencing of research tasks; possibilities for review of progress at intermediate stages
- B. Reasons for choice of consultants, consulting firms, or research institutes to be involved.
Note: A c.v. of the major consultant identified should be attached to the narrative.
- C. Coordination among Bank Departments, including the potential contribution of a Steering or Advisory Group of interested staff. The Regional operating Department(s) whose clearance will be required for execution of the study should be identified. Studies involving operational travel and other contacts with member countries should specify the nature of these contacts and indicate the views of the concerned operating Departments about them.
- D. Nature and extent of collaboration with research institutes in the countries to be involved
- E. Extent of awareness, support, or participation by governmental agencies in the countries to be involved, and the steps to be taken to crystallize such support. Care should be exercised to specify the individuals or units (not just "the Ministry of...") with views on the proposed study.

IV. RESOURCE REQUIREMENTS

- A. Nature of Bank staff contributions and extent of staff involvement in the design, implementation, and supervision of the study. Staff time estimates are summarized in Part IV (2) of the submission cover sheets.
- B. An itemized budget, by fiscal year, consistent with information supplied in Part IV (1) of the cover sheets. The rate per day or per month of consultants' time, per diem and air fare estimates for travel, unit rates for data processing, and other unit cost estimates should be explained for each item. Financial commitments from outside agencies, if any, should be described in detail.

Cover Sheets

The following instructions refer to the line items on the form.

Part I. Project Identification

1. Title: Title of research project, to be used for reporting purposes.
2. Department(s) Responsible: The Department(s) in which the principal work will be done, and which will be responsible for overall supervision.
3. Staff Participation: The principal supervisor (3.a.) manages the disbursement of project funds and, in Status Reports, provides the Research Committee Secretariat with an appraisal of progress achieved. Frequently, substantive responsibilities are also vested in other staff members (3.b.).
4. No. of Contracts: Expected arrangements for temporary research assistance, as well as for consultants and consulting firms, should be included.
5. Estimated Total Cost: Include the total amount currently requested, for all fiscal years (see Part IV, 1). If the current request is for the first stage of a larger program of research, an outline of the financial requirements of later stages should be provided in the narrative.
6. Estimated Total Staff Time Required: The estimated weeks of staff time required to complete the work for which financing is currently requested (see Part IV, 2).

Part II. Coordination and Approval

1. Interdepartmental Coordination: Other CPS or DPS Departments which deal with the topics addressed in the project should be given an opportunity to review the proposal and arrive at a judgment about it. Studies involving specific countries or regions should also be coordinated with the appropriate Regional Program or Projects Departments. Arrangements made for liaison with Regional operating Departments are specified in Part III, 5.

The coordinator in each of these Departments indicates whether he or she (henceforth: he) supports the project as proposed, does not support it, or has no objection to using Research Committee funds in this manner. If he does not support the project, he should submit his reasons in a memorandum to be

attached to the proposal. A statement of reasons for support is also helpful, particularly as reservations may persist about a particular aspect of the research design or organization.

2. Departmental Approval: The Division Chief and Director of the sponsoring Department sign the form, indicating that the proposal is approved for consideration by a review panel and by the Research Committee.

Part III. Implementation

1. Date Work to Start: The month and year during which actual work on the project is to begin. This will normally be after preliminary discussions have been completed, government approval obtained, and a final research design agreed upon.
2. *Date First Draft Expected: Estimated date of completion of first draft of final report.
3. *Date Final Report Expected: Estimated date when final report will be available for dissemination.
*Note: These dates are also included in Status Reports, which are prepared at intervals during the life of the project. Adjustments in the original work schedule, if any, are explained in the Status Reports.
4. Implementation Method: Check the appropriate box or boxes and provide corresponding names when available.
5. Proposed Liaison with Operating Departments: Indicate the arrangements envisaged (meetings, seminars, other consultation) for regular contact with operational staff during execution of the project.
6. Reports Expected in the First Year: List the interim or progress reports, inception reports, and other papers or reports that are expected to be completed during the first year of the project.

WORLD BANK RESEARCH PROGRAM

Project Proposal

Date of Submission

PART I. PROJECT IDENTIFICATION

1. Title:	
2. Department(s) Responsible:	3. Staff Participation a. Principal Supervisor: b. Others Responsible:
4. No. of Contracts:	5. Estimated Total Cost:
6. Estimated Total Staff Time Required (weeks): Professional: _____ Assistant: _____	

PART II. COORDINATION AND APPROVAL

1. Interdepartmental Coordination:

<u>Department</u>	<u>Name and Signature</u>	<u>Support Project</u>	<u>No Objection</u>	<u>Do not Support Project-Comments Submitted</u>
a.				
b.				
c.				
d.				

2. Departmental Approval:

_____ Division Chief (signature)

_____ Department Director (signature)

PART III. IMPLEMENTATION

1. Date Work to Start: _____ 2. Date First Draft Expected: _____

3. Date Final Report Expected: _____

4. Implementation Method: _____ Names: _____

a. Bank Staff..... _____

b. Individual Consultants..... _____

c. Developing Country Contractor/Institute.. _____

d. Developed Country Contractor/Institute... _____

e. Conference or Seminar..... _____

5. Proposed Liaison with Operating Departments: _____

6. Reports Expected in the First Year: _____

PART IV. FINANCIAL AND STAFF RESOURCES

1 Dollar Costs (Estimated Disbursements by Fiscal Year):

	FY	FY	FY	After FY	Total
a. Consultant Fees					
b. Travel					
c. Data Processing					
d. Other Contractual Services					
e. Contingencies					
Total					

2. Staff Requirements (Estimated staff-weeks by Fiscal Year):

	FY	FY	FY	After FY	Total
a. Professional					
b. Assistant					
Total					

WORLD BANK RESEARCH PROGRAM

STATUS REPORT

Date of Submission _____

I. PROJECT IDENTIFICATION AND APPROVAL OF REPORT

1. Title	2. Project No. _____
3. Department:	4. Division:
5. Staff Participation a. Principal Supervisor: b. Others Responsible:	6. Date Approved by Research Committee:
7. Departmental Approval:	

Division Chief (signature)

Department Director (signature)

II. IMPLEMENTATION

	Originally	Previous Status Report	This Status Report
1. Date of First Contract			
2. Date First Draft Expected			
3. Date Final Report Expected			

4. Reports Completed (During Report Period)

5. Reports Expected in the Next 6 Months

NOTES: Item II,2: Estimated date of completion of first draft of final report. Explain changes in the time schedule in Part IV.
 II,3: Estimated date when final report available for dissemination. Explain changes in the time schedule in Part IV.
 II,4: In addition to Staff Working Papers, Departmental reports, etc., list intermediate working documents, technical memoranda, and other reports of potential interest to Bank staff. Include authors and date of completion.
 II,5: Indicate the form in which prospective publications are likely to be issued (articles, Staff Working Papers, etc.)

IV. STATUS OF PROJECT

Please describe, using an additional page if necessary, the progress of the study. Explain any changes in the time schedule, whether or not such changes have led to a modification of the completion dates given in Part II, 2 and II, 3. Indicate the nature of additional expenses anticipated through the end of the fiscal year (Part III, column (4)); if contracts are being negotiated, mention the parties involved.

V. SUMMARY OF RESOURCES

(For the June 30 Report, all items should be completed. At other times, fill in only those items showing major changes from previous reporting periods).

1. Expenses through FY75:	2. Research Committee Authorizations as from FY76:	3. Total Research Committee Financing:	
4. Expenses as from FY76: FY ___: FY ___: FY ___: Total:	5. Other Financing: a. Bank Departments FY ___: FY ___: FY ___: Total:	b. Outside Sources FY ___: FY ___: FY ___: Total:	
6. Staff Time (weeks):	Professional	Assistant	Total
a. Current FY (Expected)			
b. Preceding FY			
c. All Earlier FYs			

- INSTRUCTIONS: Item V, 1: The sum of actual expenses, if any, out of Research Committee authorizations in FY75 and earlier years.
- V, 2: Enter the "total authorization" of the project, i.e., the authorization for FY76 (if any) and all subsequent years.
- V, 3: Equals V, 1 + V, 2.
- V, 4: Actual expenditures of funds authorized by the Research Committee, FY76 through FY prior to that of current Report.
- V,5a: Departmental discretionary funds spent primarily or exclusively on project (if any).
- V,5b: For FY of current Report, please provide breakdown of contributions by donor. Include estimates, to the extent possible, of local contributions.
- V,6b: For the June 30 Report, "preceding FY" is the FY just ended.

Mr. Hollis B. Chenery

May 9, 1977

Benjamin B. King Signed B. B. King

Research Advisory Panel on Income Distribution and Employment (RAPIDE)

1. The following is a progress report on our thinking on this subject, together with suggestions for the next steps to be taken. I have used the experience of the Berelson Committee (based on several conversations with Goran Ohlin) extensively, not to say slavishly.

2. Membership. Five; to include at least two "policy" members from developing countries. The key is the chairman, who will (a) probably have to do the lion's share of the work, (b) have to be "technical" more than "policy", (c) have to be living in North America. Choice of members should be in consultation with the chairman.

3. Duration. The preliminary target for starting should be September/October 1977, but will depend on the availability of chairmen and members. Time to final report would be six months.

4. Meetings. There would be three meetings of the full panel, the first and last in Washington (the Berelson Committee's last meeting was in New York which had disadvantages). A series of interviews with members of the staff (including some from CPS and Regions) would be arranged in consultation with the chairman; possibly also with the Joint Audit Committee. The main purpose of these meetings would be to give the panel members a general idea of the function of research in the Bank and a more specific explanation of the rationale for this particular category of research in the Bank context. Questions would of course be up to the panel. The venue and time of the middle meeting would also be up to the panel; its purpose would be to review progress and exchange ideas on a draft outline or rough draft of a report. It is likely that there would be supplementary individual visits to Washington by the Chairman, at least.

5. Documentation. It goes without saying that a complete set of research output (not only RPO's) should be available for each member of the panel. Income Distribution and Employment and Rural Development divisions should also write a 5-10 page guide as to what has been done and why. Consideration should also be given to the following:

- (a) A few economic reports with significant sections or annexes on either subject (including some of the special employment reports).
- (b) Relevant issues papers.
- (c) Relevant research evaluation reports.
- (d) Documentation on project analysis methodology (old and new), as it relates to income distribution.
- (e) Latest annual report on research and abstracts.

It is clearly going to be rather easy to extend the ramifications of this exercise very widely. The right cut-off is not at all clear and will probably be determined, in part at least, by the absorptive capacity of the panel. My guess is that, initially we should have a "must" list and a "supplementary" list, available on demand.

6. Scope. The terms of reference should include observations on:

- (i) The quality of Bank research.
- (ii) The use actually made so far.
- (iii) The potential relevance in the light of the Bank's comparative advantage and its operational and policy requirements.
- (iv) The adequacy of means of dissemination.
- (v) Suggestions as to future directions.

7. Budget. The budget estimate for the Berelson Committee, which, I am told, was not far off, was \$90,000, including contingencies. This breaks down (with allocation of contingencies proportionally) as follows:

May 9, 1977

	(\$'000)
3 meetings (Washington 2, London 1)	23
Honoraria to panel members	37
Staff support and travel within US	<u>11</u>
Subtotal	71
Field Trips	<u>19</u>
Total	90

I doubt that field trips will be necessary in this case. With some further allowance for inflation, a ball-park range would be \$75,000 to \$85,000. This can be refined.

8. Specific names (Chairman). A North American chairman is mainly required for greater ease of communication. He may have to come back to Washington several times; at least he should be able to use the telephone. He ought not to have had very close contact with the Bank; and he should not be so busy as to preclude a fair amount of attention to the job. The list of eligibles is rather short:

- (1) Simon Kuznets
- (2) Gerry Helleiner
- (3) Erik Thorbecke

Other possibilities that have been mentioned are Arthur Lewis, Dave Bell, David Hopper and Jim Tobin.

9. Specific names (members). We have canvassed all regional program departments in search of possible members, mainly on the policy side. The results are a bit thin though there are a few interesting possibilities. Mervyn Weiner is also obtaining suggestions from E.D.'s whom he is interviewing anyway for another purpose. The lists will be screened and consolidated.

10. I suggest that we have a short meeting with those on the distribution of this note and that, afterwards, you propose a preferred list of chairmen to Mr. McNamara.

cc: Messrs. Karaosmanoglu, Weiner, van der Tak, Avramovic,
Leiserson, Duloy, Ahluwalia, Ohlin, Grimes
BEKing:gm

Supervisors of External Research Projects

May 9, 1977

Orville F. Grimes, Jr., *OPD*

Project Narratives

1. In preparing a new edition of the Abstracts of Current Studies booklet, we plan to retain the slightly greater emphasis placed in last year's version on the objectives and methodology of projects and, in appropriate cases, preliminary findings. Thus the current format is substantially the same as last year's, with the exception noted in paragraph 3(b). On this basis and following the guidelines set out below, I would accordingly appreciate it if you would prepare, by Monday, June 6, 1977, a narrative on the research project(s) that you supervise. Your draft of 3-4 pages (double spaced) should consist of a main narrative section followed by three summary sections on project responsibility, completion, and published reports.

(a) Narrative

2. Though coverage will naturally vary among projects, this section should deal with the following:

- The Project Framework: Nature of the topic being considered; the approaches taken so far and how this research project differs from or improves upon them; how the Bank has so far dealt with the problem. For research that evaluates Bank development projects, describe the project in some detail.
- Objectives and Strategy: This discussion with the one on methodology forms the major part of the narrative. How will the study be useful for Bank policy and operations, for policymaking agencies in developing countries, and for the development community more generally? It would be helpful if you could make explicit why the Bank, not a university or some other institution, has undertaken this research. Include here or as a separate paragraph a description of the output(s) expected from the project. If the study is carried out in phases, describe how the current phase builds on earlier ones (enumerating major findings from these earlier phases) or lays the groundwork for further analysis.

- Methodology: Describe, as appropriate: features of the model or model structure used; how surveys are to be designed and carried out; how different portions of the research relate to each other. Avoid equations, but please do not hesitate to elaborate on technical aspects you feel are essential for a clear understanding of the project.
- Outputs of the project (if not covered elsewhere), and planned extensions of the work.

3. The narrative should end with three summary sections giving information about:

- (b) Responsibility: The names of the Departments, Bank staff members, and consultants involved in the project. For collaborating research institutions, list full names and locations and summarize their contributions to the research design and execution. In addition, this year's section should also indicate whether government ministries or other public agencies are involved, through awareness and approval if not active participation.
- (c) Completion Date: The month and year in which the project is expected to be completed. Please be more specific than "final report is being prepared."
- (d) Reports: List the books, Occasional Papers, Staff Working Papers, journal articles, and other reports that have been completed and are available to the public. Articles issued in the World Bank Reprint series should be so indicated. The reports should be listed in a standard professional format, with author, title, publisher, date of publication, and, for a journal article, volume number and date. For publications in languages other than English, special attention may be needed to accents and spelling.

An assistant will be available in early June for a limited time to work with you as necessary to revise your drafts. Please, therefore, make sure that the drafts reach me no later than Monday, June 6. Thank you.

cc: Mrs. Hughes, Messrs. Duloy, Avramovic, Hultin, Jaycox, Rovani, Willoughby, Yudelman, B. B. King

Miss Hidalgo-Gato, Miss Peter, Mr. Lowther
Mr. D. Bahl, Mrs. de Tchihatchef
Ms. Weaving, Ms. McCarthy (o/a), Mrs. Hazzah (o/r)

OFGrimes:gm

INCOMING TELEX

DISTRIBUTION

22203 HTRB TR
(TelexNo.)
FROM
BUYUK IARABYA HOTEL

Mr. Zachariah
Mr. T. King's office

1977 APR 29 PM 4:45

29.4.1977

ONE FOR ZACHARIAN IUSSP POPULATION POLICIES COMMITTEE IS BEGINNING CASE STUDIES OF GHANA EGYPT EL SALVADOR AND SRI LANKA. PROJECT DIRECTOR FOR GHANA IS ADDO AND FOR SRI LANKA IS EDWARD WIJEMMA ATTACHED TO MARGA INSTITUTE, SRI LANKA INSTITUTE OF DEVELOPMENT STUDIES. FINANCING IS BEING SOUGHT FROM UNFPA AND ACCORDING TO GONZALES, SECRETARY TO COMMITTEE, POSSIBILITY OF BANK FINANCING FOR SAY SRI LANKA WOULD BE WELCOMED. HALVOR GILLE WOULD KNOW EXACT STATE OF REQUEST FOR FUNDING.

L FORGAT TO ASK RICARDO MORAN TO ACCOMPANY DOV TO BOTSWANA PANEL AS ACTING DIVISION CHIEF BOTH FOR MORAL SUPPORT AND TO EXPLAIN HOW PROJECT FITS INTO DIVISION PROGRAM. PERHAPS COULD SEND PANEL MEMBERS RECENT PAPER ON BANK POPULATION RESEARCH.

PLEASE NOTIFY PATRICIA THAT HOME LEAVE BEGINS AUGUST 14 OR 15. DO STRESS TO HER THAT THOUGH THE PROPOSED JOB HAS MANY ATTRACTIVE FEATURES THE TIMING, NATURE OF WORK AND SALARY ARE FAR FROM IDEAL AND SHE SHOULD NOT TAKE IT UNLESS SHE WOULD BE REALLY HAPPY DOING IT .

THIS MEETING IS PLEASANT AND USEFUL BUT NOT VERY EXCITING. REGARDS

KING

Mr. A. Karaosmanoglu

April 28, 1977

Benjamin B. King

Benefits and Beneficiaries
of Research Projects

1. To the extent that research is successful in providing new tools for analyzing or promoting the development process, the ultimate beneficiaries of research are the developing countries themselves. The benefits are so variable and so intangible that they defy description beyond the rather platitudinous statement that better insight should make it possible to attain development objectives more surely or more cheaply or both.

2. To reach the ultimate beneficiaries requires a channel of communication and this is probably the least satisfactory aspect of research now being undertaken. Broadly speaking, there are four possible modes of communication:

- (a) Through distillation in books (of not too technical a character), policy papers, sector papers, speeches and the like, which receive wide circulation.
- (b) Through communication to operating staff of the Bank and thence to their counterparts in developing countries.
- (c) Through communication directly to developing country organizations.
- (d) Through communication to the academic world as a contribution to the more general evolution of thought.

3. For the most part, the Bank Research Program has concentrated on (a) and (b), since thereby the Bank's comparative advantage is more likely to be exploited. Instances of (c) are, however, far from unknown and may exist in parallel with either (a) or (b). Communication through (d) is also common, but not except in rare cases, as an end in itself. Articles for the academic press are usually byproducts and are a useful means for interchange of ideas.

4. As stated in paragraph 2, the communication process is less than satisfactory, particularly within the Bank, where it ought to present the least difficulty. This is not, perhaps, the place to elaborate on this opinion, but my own feeling is that the Bank, as an institution either attaches little weight to lateral communication or at least gives that impression.

BBKing:gm

Mrs. H. Hughes, EPD

April 26, 1977

Orville F. Grimes, Jr., VPD

Research Project Status Report

1. I would appreciate it if you could have the attached Status Reports completed for each of the research projects listed below. The information provided should be current as of March 31, 1977. To this end I attach where necessary a copy of the March 1977 Commitment Report printout, which provides a summary and itemization of expenses recorded through March.

2. To ensure effective financial supervision of projects in the FY77 research program, the completed Status Reports for each of the projects listed should be sent to this office (F1233) no later than Tuesday, May 10, and preferably earlier. Thank you.

<u>Project Code</u>	<u>Staff Member Responsible</u>
670-07	B. Balassa
670-68	E. Sachse
671-23	C. Chung
671-28	A. Schwartz

Attachments

cc: Miss Hidalgo-Gato (with attachments)

OPGrimes:tqr *OP*

Mr. J. Duloy, DRC

April 26, 1977

Orville F. Grimes, Jr., VPD

Research Project Status Report

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<u>Project Code</u>	<u>Staff Member Responsible</u>	<u>Project Code</u>	<u>Staff Member Responsible</u>
670-01	B. Balassa	671-17	P. Hazell
670-06	M. Ahluwalia	671-27	G. Pyatt
670-23	Y. Rhee	671-29	R. Norton
670-24	A. Stoutjesdijk	671-33	M. Selowsky
670-73	G. Kutcher/ P. Scandizzo	671-35	B. Balassa
670-83	M. Ahluwalia	671-36	M. Ahluwalia
670-86	R. Norton	671-39	M. Ahluwalia
670-87	B. Balassa	671-41	M. Ahluwalia
671-08	M. Ahluwalia	671-43	P. Hazell/ P. Scandizzo
671-09	A. Stoutjesdijk	671-45	J. Duloy

Attachments

cc: Ms. M. Hidalgo-Gato (with attachments)

OFGGrimes:tqr *[Signature]*

Mr. M. Hultin, EDP

April 26, 1977

Orville F. Grimes, Jr., VPD

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Project Code


Staff Member Responsible

670-78

C. Gilpin

Attachments

cc: Mr. Gilpin (with attachments)

OFG:tr 

Mr. M. Yudelman, AGP

April 26, 1977

Orville F. Grimes, Jr., VPD

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<u>Project Code</u>	<u>Staff Member Responsible</u>
670-89	G. Donaldson
671-22	A. Egbert
671-34	F. Hotes
671-42	A. Egbert/C. Bruce
671-44	G. Donaldson

Attachments

cc: Mr. Bruce (with attachments, except 671-34)
Mr. Hotes (with attachment 671-34)



Mr. C. Harral, TRP

April 25, 1977

Orville F. Grimes, Jr., VPD

Research Project Status Report

1. I would appreciate it if you could have the attached Status Reports completed for each of the research projects listed below. The information provided should be current as of March 31, 1977. To this end I attach where necessary a copy of the March 1977 Commitment Report printout, which provides a summary and itemization of expenses recorded through March.

2. To ensure effective financial supervision of projects in the FY77 research program, the completed Status Reports for each of the projects listed should be sent to this office (F1233) no later than Tuesday, May 10, and preferably earlier. Thank you.

<u>Project Code</u>	<u>Staff Member Responsible</u>
670-26	B. Coukis
670-27	P. Fossberg
671-14	B. Mitchell
671-15	S. Basta/B. Coukis
671-20	P. Watson/E. Holland

Attachments

cc: Ms. P. Moses (with attachments)

OFG:grimes:tg

Mr. Y. Rovani, EWT

April 25, 1977

Orville F. Grimes, Jr., VPD

Research Project Status Report

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<u>Project Code</u>	<u>Staff Member Responsible</u>
670-67	M. Munasinghe
670-76	J. Warford
671-12	R. Middleton
671-46	J. Kalbermatten

Attachments

cc: Miss P. Peter (with attachments)

OFG:grimes:tgr



Mr. D. Avramovic, ECD

April 25, 1977

Orville F. Grimes, Jr., VPD

Research Project Status Report


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<u>Project Code</u>	<u>Staff Member Responsible</u>
670-45	D. Mazumdar
670-70	J. Linn
670-96	J. Meerman
671-02	T. King
671-05	V. Prakash
671-06	D. Avramovic
671-07	L. Westphal
671-18	J. Linn
671-19	J. Simmons
671-24	S. Reutlinger
671-25	S. Yusuf
671-26	K. Zachariah
671-30	L. Squire/S. Bose
671-31	R. Sabot
671-32	L. Westphal
671-37	B. Renaud
671-38	D. Chernichovsky/R. Faruqee
671-40	T. King
671-47	D. Keare
671-48	M. Leiserson
671-49	D. Jamison

Attachments

cc: Mr. Lowther (with attachments, incl. March computing expenses)
Mr. Stoutjesdijk (w/o attachments)

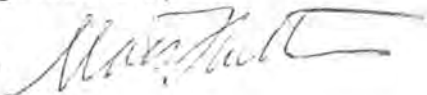
OFG:grimes:tgr 

OFFICE MEMORANDUM

TO: Mr. Orville F. Grimes, Jr., VPD

DATE: April 15, 1977

FROM: Mats Hultin, Acting Director, EDP

SUBJECT: Research Proposals 

1. Please find attached four research proposals from the Education Department, namely:

- (a) Construction Standards and Methods Appropriate for Simple Basic Primary and Adult Training Facilities,
- (b) International Study on Retention of Literacy/Numeracy Skills Among School Leavers,
- (c) Occupational Structures of Industries,
- (d) Economics of Educational Radio.

2. The proposed architecture study constitutes an extension of the work of a task force in the Education Department dealing with basic education and the appropriate ways for the Bank to finance such education. The request for a specific study on physical facilities was made at a Board Meeting last February when discussing an education project in East Africa, on which occasion we promised to go into some further depth on this specific issue.

3. The study on literacy retention was originally submitted to you some three months ago, and the present proposal reflects the amendment in the research outline which was requested at that time. Since the last discussions on the literacy retention project, several international bodies have expressed interest in the second phase of the study, and our intention is to get in touch with those bodies for preparation of the second phase if the Bank's Research Committee will allocate funds for the first phase as now suggested.

4. The study on occupational structures would provide a new insight into our manpower forecasting, which is still the most appropriate tool for justification of our projects in education and project-related training.

5. The study on the economics of educational radio constitutes a follow-up to the study on the use of educational radio which has recently been completed.

6. I would appreciate being consulted on the studies before the final decision if the research funds will not suffice to finance all four proposals.

MH/h1

Research General

Distribution Below

April 5, 1977

Benjamin B. King, VPD *Signed B. B. King*
Guidelines for Submission of Research Proposals

Please find attached a set of guidelines, recently revised, for preparing research proposals for consideration by the Research Committee. I would appreciate your ensuring that these guidelines reach all staff members who are preparing, or might prepare, research proposals. Additional copies may be obtained from Orv Grimes at Ext. 6003.

Attachments

Distribution

DPS, CPS Directors and Division Chiefs
Regional Chief Economists and Program Coordinators

cc: Mr. Lowther, Miss. Hidalgo-Gato, Miss Peter

OFGGrimes:gm *[Signature]*

Guidelines for Submission of Research Proposals

A. Introduction

Projects proposed for consideration by the Research Committee should be submitted to the Secretary to the Research Committee, Development Policy (Room F1233, tel. ext. 6003). The Secretary will forward those that are suitable for review to an ad hoc panel, generally composed of three to six Bank staff members with a member of the Research Committee as Chairman. With whatever modifications to the proposal result from the review panel's deliberations, the proposal and panel recommendations are forwarded to the Research Committee for consideration at its periodic meetings.

Submission dates for proposals are given in announcements of forthcoming Research Committee meetings that are circulated to DPS and CPS Directors and Division Chiefs and Regional Chief Economists. Sponsors of research should be aware that proposals in final form must reach the Secretary to the Research Committee by the submission deadline, to ensure a productive as well as reasonably unhurried review. Particularly when the flow of proposals is expected to be heavy, it is also useful to forward proposals in draft form prior to the deadlines. The Research Committee Secretary and Research Adviser can then provide assistance on particular aspects of project design and, when it appears desirable, arrange for a preliminary meeting with the ad hoc panel.

B. Preparation of Proposals

A research proposal consists of two sections:

- (1) A narrative describing the proposed project, and
- (2) Cover sheets (attached), which summarize pertinent project data, indicate approval of the project by the responsible Division Chief and Department Director, and reflect the views of other Bank Departments having an interest in the study.

Narrative

A full explanation of the scope and objectives of the proposed research and its technical and organizational feasibility is given in the project narrative. There is no prescribed length, but descriptions should be as brief as possible without sacrificing clarity. The narrative must be accompanied by a summary not exceeding two single spaced pages.

Listed below are the topics to be given special emphasis in preparation of the project narrative. While coverage of these topics, and their order of presentation, will naturally vary among projects, research sponsors are strongly urged to use the major headings (Objectives and Strategy; Design; Organization; Resource Requirements) as the organizing framework for their narratives.

I. OBJECTIVES AND STRATEGY

- A. Statement of the general problem to which the research is addressed; origin of interest in the problem within the Bank
- B. The goals or objectives of the proposed study
- C. The relationship of the study to other current and planned research, in the Bank and elsewhere, on the same subject
- D. Expected usefulness for Bank operations in projects or sectors, country economic analysis, and policy formulation; or to planning authorities and others in developing countries
- E. The degree to which the study will assist in developing indigenous research capacity in member countries (to the extent not covered under Part III.D)
- F. Expected contributions to knowledge of development processes, if not described elsewhere
- G. How the intended audience(s) will be served by the output of the study
- H. Reasons for the choice of countries to be involved

II. DESIGN

- A. The analytical framework on which the study is based
- B. The specific research tasks or components
- C. Methodologies to be applied in testing hypotheses; the extent to which the theoretical approaches differ from or improve upon those of previous studies
- D. Nature and reliability of the data to be used, including, if applicable, the design and coverage of sample surveys
- E. Nature of the final product or products

III. ORGANIZATION

- A. The work program and sequencing of research tasks; possibilities for review of progress at intermediate stages
- B. Reasons for choice of consultants, consulting firms, or research institutes to be involved.
Note: A c.v. of the major consultant identified should be attached to the narrative.
- C. Coordination among Bank Departments, including the potential contribution of a Steering or Advisory Group of interested staff. The Regional operating Department(s) whose clearance will be required for execution of the study should be identified. Studies involving operational travel and other contacts with member countries should specify the nature of these contacts and indicate the views of the concerned operating Departments about them.
- D. Nature and extent of collaboration with research institutes in the countries to be involved
- E. Extent of awareness, support, or participation by governmental agencies in the countries to be involved, and the steps to be taken to crystallize such support. Care should be exercised to specify the individuals or units (not just "the Ministry of...") with views on the proposed study.

IV. RESOURCE REQUIREMENTS

- A. Nature of Bank staff contributions and extent of staff involvement in the design, implementation, and supervision of the study. Staff time estimates are summarized in Part IV (2) of the submission cover sheets.
- B. An itemized budget, by fiscal year, consistent with information supplied in Part IV (1) of the cover sheets. The rate per day or per month of consultants' time, per diem and air fare estimates for travel, unit rates for data processing, and other unit cost estimates should be explained for each item. Financial commitments from outside agencies, if any, should be described in detail.

Cover Sheets

The following instructions refer to the line items on the form.

Part I. Project Identification

1. Title: Title of research project, to be used for reporting purposes.
2. Department(s) Responsible: The Department(s) in which the principal work will be done, and which will be responsible for overall supervision.
3. Staff Participation: The principal supervisor (3.a.) manages the disbursement of project funds and, in Status Reports, provides the Research Committee Secretariat with an appraisal of progress achieved. Frequently, substantive responsibilities are also vested in other staff members (3.b.).
4. No. of Contracts: Expected arrangements for temporary research assistance, as well as for consultants and consulting firms, should be included.
5. Estimated Total Cost: Include the total amount currently requested, for all fiscal years (see Part IV, 1). If the current request is for the first stage of a larger program of research, an outline of the financial requirements of later stages should be provided in the narrative.
6. Estimated Total Staff Time Required: The estimated weeks of staff time required to complete the work for which financing is currently requested (see Part IV, 2).

Part II. Coordination and Approval

1. Interdepartmental Coordination: Other CPS or DPS Departments which deal with the topics addressed in the project should be given an opportunity to review the proposal and arrive at a judgment about it. Studies involving specific countries or regions should also be coordinated with the appropriate Regional Program or Projects Departments. Arrangements made for liaison with Regional operating Departments are specified in Part III, 5.

The coordinator in each of these Departments indicates whether he or she (henceforth: he) supports the project as proposed, does not support it, or has no objection to using Research Committee funds in this manner. If he does not support the project, he should submit his reasons in a memorandum to be

Part IV. Financial and Staff Resources

1. Dollar Costs: Estimate the funds which will be expended in all fiscal years on the following:
 - a. Consultant Fees - All costs incurred by contracts with individual consultants, consulting firms, and research institutes.
 - b. Travel - Include staff and consultant travel, as authorized by Bank Travel Requests. Do not include travel paid through contractual arrangements in (a).
 - c. Data Processing - All costs incurred through services provided by the Computing Activities Department, plus arrangements, if any, for outside data processing.
 - d. Other Contractual Services - Temporary research assistance, secretarial assistance, editorial and printing costs, and others as applicable. Do not include the cost of these items paid through contractual arrangements in (a).
 - e. Contingencies - Though normally not necessary, a reserve against unanticipated expenses and inflation may in some cases be justified.
2. Staff Requirements: Show the estimated weeks of regular Professional and Assistant staff time required, by fiscal year.

attached to the proposal. A statement of reasons for support is also helpful, particularly as reservations may persist about a particular aspect of the research design or organization.

2. Departmental Approval: The Division Chief and Director of the sponsoring Department sign the form, indicating that the proposal is approved for consideration by a review panel and by the Research Committee.

Part III. Implementation

1. Date Work to Start: The month and year during which actual work on the project is to begin. This will normally be after preliminary discussions have been completed, government approval obtained, and a final research design agreed upon.
2. *Date First Draft Expected: Estimated date of completion of first draft of final report.
3. *Date Final Report Expected: Estimated date when final report will be available for dissemination.
*Note: These dates are also included in Status Reports, which are prepared at intervals during the life of the project. Adjustments in the original work schedule, if any, are explained in the Status Reports.
4. Implementation Method: Check the appropriate box or boxes and provide corresponding names when available.
5. Proposed Liaison with Operating Departments: Indicate the arrangements envisaged (meetings, seminars, other consultation) for regular contact with operational staff during execution of the project.
6. Reports Expected in the First Year: List the interim or progress reports, inception reports, and other papers or reports that are expected to be completed during the first year of the project.

Part IV. Financial and Staff Resources

1. Dollar Costs: Estimate the funds which will be expended in all fiscal years on the following:
 - a. Consultant Fees - All costs incurred by contracts with individual consultants, consulting firms, and research institutes.
 - b. Travel - Include staff and consultant travel, as authorized by Bank Travel Requests. Do not include travel paid through contractual arrangements in (a).
 - c. Data Processing - All costs incurred through services provided by the Computing Activities Department, plus arrangements, if any, for outside data processing.
 - d. Other Contractual Services - Temporary research assistance, secretarial assistance, editorial and printing costs, and others as applicable. Do not include the cost of these items paid through contractual arrangements in (a).
 - e. Contingencies - Though normally not necessary, a reserve against unanticipated expenses and inflation may in some cases be justified.
2. Staff Requirements: Show the estimated weeks of regular Professional and Assistant staff time required, by fiscal year.

WORLD BANK RESEARCH PROGRAM

Project Proposal

Date of Submission

PART I. PROJECT IDENTIFICATION

1. Title:

2. Department(s) Responsible:

3. Staff Participation
a. Principal Supervisor:
b. Others Responsible:

4. No. of Contracts:

5. Estimated Total Cost:

6. Estimated Total Staff Time Required (weeks):

Professional:

Assistant:

PART II. COORDINATION AND APPROVAL

1. Interdepartmental Coordination:

<u>Department</u>	<u>Name and Signature</u>	<u>Support Project</u>	<u>No Objection</u>	<u>Do not Support Project-Comments Submitted</u>
a.				
b.				
c.				
d.				

2. Departmental Approval:

Division Chief (signature)

Department Director (signature)

PART III. IMPLEMENTATION

1. Date Work to Start: _____ 2. Date First Draft Expected: _____
3. Date Final Report Expected: _____
4. Implementation Method: _____ Names: _____
- a. Bank Staff..... _____
- b. Individual Consultants..... _____
- c. Developing Country Contractor/Institute.. _____
- d. Developed Country Contractor/Institute... _____
- e. Conference or Seminar..... _____
5. Proposed Liaison with Operating Departments: _____
6. Reports Expected in the First Year: _____

PART IV. FINANCIAL AND STAFF RESOURCES

1. Dollar Costs (Estimated Disbursements by Fiscal Year):

	FY	FY	After FY	Total
a. Consultant Fees				
b. Travel				
c. Data Processing				
d. Other Contractual Services				
e. Contingencies				
Total				

2. Staff Requirements (Estimated staff-weeks by Fiscal Year):

	FY	FY	FY	After FY	Total
a. Professional					
b. Assistant					
Total					

April 1, 1977

Brian Smith
The Transportation Center
Northwestern University
2001 Sheridan Road
Evanston, Illinois 60201

Dear Brian:

I am sending separately: (a) a copy of the R.O.V. report that includes complete details of the Road Tax and Additional Registration Fee on pages 6 and 7, (b) copies of two of the P.W.D. reports which I think include all the pertinent data, and (c) a copy of the latest draft of Chapter 6 of our report.

Chapter 6 was developed from your paper, although I am not sure you will recognize it after the series of revisions it has undergone. You may note that I decided to present data explicitly for the periods before and after the increase in road taxes and license fees (Tables 6.9 - 6.13). For that purpose I chose to use September-October 1975 as the base -- being also what was used earlier for post-ALS. For 1976, I omitted January because that was clearly a transition period, many people having bought monthly licenses before the price went up, while all daily licenses were at the new price. Perhaps you can save yourself some trouble by using the same combinations, but that's up to you.

Information on car pools will also be found both in the P.W.D. reports and in Chapter 6. You may also be interested to note that we decided to express doubts about the P.W.D. data on goods vehicles.

Parking data are given in Tables 6.21 and 6.22 for a limited selection of parking garages, and the rates are given in Table 6.20. I do not know how representative the sample is, nor how to analyze the results any further than the discussion starting on page 6.42.

Thanks for recalling my attention to Voorhees's treatment of the speed/flow relation via density. I had known about it and forgotten it. Although it may not be statistically kosher, it is always easier to fit a set of points graphically if the variables are transformed to give a more or less linear relation. Are you, by the way, going any further with the quest for speed-flow relations? I feel that we did not do all that could be done with the data (because of pressure of time) and that it would be interesting to go over it again in more detail. Please keep me informed if you are doing any more with it.

(continued)

Brian Smith

- 2 -

April 1, 1977

Glad to hear your thesis is nearing completion. I hope I have not unduly delayed it. As for job opportunities, I cannot offer much help. There is no longer a Transport Research Division here. I think your only entree to the Bank would be through the Young Professionals program. I do not know whether that would attract you, but I have asked them to send you application forms in case you want to use them. The deadline for the current round of applications is April 15 for selections to be made in June.

Let me know if there is more information you need and I'll see if I have it. Best wishes for your thesis review, exams, etc. Come around and see us when you're in Washington again.

Sincerely yours,

Edward P. Holland
Operations Review and Support Unit
Urban Projects Department

EPH

EPHolland:srb