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THE EDUCATION AND HUMAN RESOURCES PORTFOLIO
FOR USAID MISSIONS
IN ASIA AND NEAR EAST COUNTRIES
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by
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EHR PORTFOLIO OF THE ANE USAID MISSIONS

This review summarizes AID's EHR programs with projects in the ANE region. Information regarding the programs was obtained from the most recent Country Development Strategy Statements (CDSS) or Action. Information regarding the projects was summarized from the countries' most recent Annual Budget Submission (ABS). Most of the projects listed are EHR projects that are funded from the EHR account. Other projects listed are EHR related projects that are funded from other accounts. These are listed because they have research, curriculum development, training or other EHR activities, even though the project thrust is in another sector. Where there is no information for an EHR program or project, the information was unavailable. The countries are listed in ascending order as listed by the World Bank's Development Indicators regarding GNP per capita.

BANGLADESH (5)

EHR PROGRAM: There is no EHR Program. The Mission is committed, however, to institutional strengthening in both the public and private sectors and at the national as well as at the local levels. EHR activities are mainly long and short term training as well as in in-country management training.

EHR PROJECTS:

**Development and Management Training, F787-95, LOP Cost(000)
\$15000**

Improving management capabilities of public and private sector Bangladesh development managers through long and short term training.

EHR RELATED PROJECTS:

**Higher Agricultural Education, FY 89-94, (planned), LOF Cost
\$16500**

To provide appropriately trained manpower to meet the requirements for agricultural development.

NEPAL (7)

EHR PROGRAM: To assist basic education, particularly by providing greater access for women to education, and general institutional strengthening. Assistance to basic education is addressed through the upgrading of primary school teachers by providing them training via radio, and through increasing access of girls to primary and secondary schools. Institutional strengthening will occur through public and private sector training in the energy, urban and industrial sectors.

EHR PROJECTS:

Radio Education Teacher Training, FY 84-89, LOP Cost \$2120
 Upgrading the skills of primary school teachers who lack a high school diploma by strengthening the capacity of the Ministry of Education and Culture to provide radio-based, inservice teacher training.

Development Training, FY 85-92, LOP Cost \$6300
 Providing public and private sector training through short and long term activities in both management and technical areas.

Basic Education and Literacy, Planned, LOP Cost \$5000

EHR RELATED PROJECTS:

Institute of Agriculture II, FY 84-91, LOP Cost \$4100
 Strengthening Nepal's Institute of Agriculture and Animal Sciences by upgrading administration, curricula, staff, and teaching materials.

Agricultural Research and Production, FY 85-90, LOP Cost, \$10000
 Strengthening research and extension programs of the Departments of Agriculture and Livestock Development, expanding seed production and distribution in the hills.

INDIA (21)

EHR PROGRAM:

There is no distinct EHR program, but is interwoven with the Science and Technology thrust of the Mission strategy. Emphasis is on institution building through the S&T process, particularly through stimulation of self-sustaining linkages between "mature" Indian and US institutions, and through sectoral programs in agriculture and resource management, health/family planning and energy.

EHR RELATED PROJECTS:

Agricultural Research, FY 84-92, LOP Cost \$20000
 As a subproject to Soybean Processing and Utilization, conducts applied research on the development of simple processes and equipment to make soybeans into low-cost food products.

Maharashtra Social Forestry, FY 82-90, LOP Cost \$30000
 Promoting village reforestation through applied research and development of staff training.

Family Planning, Communications and Marketing, FY 83-92, LOP Cost \$68700
 Establishing Contraceptive Marketing, expanding information, education, and communication activities, and supporting demographic analyses and biomedical research.

Development and Management Training, FY 84-90, LOP COST \$12976

Strengthening managerial and technical capabilities of public and some private personnel to plan and implement rural development projects.

Forestry Research, Extension and Training, Planned, LOP COST \$20000

Multi-donor project to train forest managers, forestry extension specialists, and forest scientists.

Biomedical Research Support, FY 86-92, LOP Cost \$54000

Developing a preventive, laboratory-based field epidemiology program

Contraceptive Development and Research in Immunology, FY 85-90, LOP COST \$6600

Agricultural Research and Education, FY 89-96, Planned
To expand research and education capacity to address high priority needs in agricultural development and to produce relevant information for delivery to agricultural producers, including small farmers.

Technical Assistance and Support, FY 88-96, LOP Cost \$15000

Strengthening the Ministry of Finance's capacity to identify, design, implement, and evaluate development investment proposals from both the public and private sectors.

PAKISTAN (28)

EHR PROGRAM: The program focusses on two areas: primary education and higher institutional strengthening. In primary education the objectives are: (1) to increase rural primary enrollment to 70% for boys and 40% for girls; (2) to improve the qualifications and training of primary teachers; and (3) to rehabilitate and construct primary schools. At the higher level three types of strengthening will occur: (1) training for some 9000 people from a wide range of public and private institutions in management and technical fields; (2) improving at least 10 institutions - identified as outstanding sources of higher education, training and research - and serving as demonstration centers for existing colleges and universities and new private institutions; and (3) streamlining at least 10 line agencies of the GOP or provincial governments to allow them to work efficiently to meet the increasing demand for their services.

EHR PROJECTS:

Primary Education Development, FY 89-99, LOP COST \$200000

Providing sector grants in support of policy reforms in the primary education sector in North West Frontier (NWF) and Baluchistan Provinces in Pakistan and to finance related technical assistance and training. To improve access, equity, and quality in primary education, particularly for girls, while also providing balance of payment support to the Government of Pakistan.

Institutional Excellence, FY 89-99, LOP Cost \$80000
 Assisting selected scientific and technical departments of Pakistani universities and institutions to improve their teaching and research capabilities. Project comprises an Institutional Development (ID) program, which will secure 75% of project resources, and a small grants (SG) program.

Development Support Training, FY 83-93, LOP Cost \$140000
 Upgrading technical and managerial expertise of Pakistani development agents in food and nutrition, health and population planning, public administration, education and related areas. Training occurs through long and short term modes in the United States, Pakistan and third countries.

EHR Related Projects:

Irrigation Systems Management, FY 83-93, LOP Cost \$205000
 Co-project with the World Bank to improve irrigation systems management in Pakistan through system rehabilitation, research, institutional strengthening, and policy implementation.

Baluchistan Area Development, FY 84-90, LOP Cost \$45000
 Improving road and water systems in the Makran Division of Baluchistan Province and strengthening related divisional/provisional planning, management, and human resources.

Forestry Planning and Development, FY 83-93, LOP Cost \$25000
 Strengthening capacity to design and implement forest and fuelwood development strategies and by demonstrating the feasibility of producing tree crops on private farm and range lands

Transformation and Integration of Provincial Agricultural Network (TIPAN), FY 84-92, LOP Cost \$55500
 Modernizing agricultural research and extension in Pakistan's Northwest Frontier Province by upgrading curricula, research, and outreach at the Agricultural University (AU) at Peshawar, upgrading AU's physical plant and administrative organization, and training faculty. AU will implement the project with help from the US universities.

Management of Agricultural Research and Technology, FY 84-91, LOP Cost \$48500
 Improving food security management in Pakistan by strengthening economic and policy analysis, agricultural data collection, and postharvest management.

Food Security Management, FY 84-91, LOP Cost \$43000
 Improving food security management by strengthening economic and policy analysis, agricultural data collection, and postharvest management.

Support to Provincial Agricultural Production, FY 89-91, Planned
 To improve the quality and types of services to Pakistani farmers regarding production, rural infrastructure and information delivery

Upgrading the policy and planning ability of the Department of Education and Culture with stress on its educational and cultural body (kBallitbang Dikbud). The project trains personnel, strengthens management, support policy research, creates a management information system, and test new systems at the provincial level.

Private Sector Management Development, FY 84-90, LOP 4000
Upgrading the institutional and service capabilities of the private sector Institute of Management Education and Development. Improving institutional planning, consulting and training capabilities as well as strengthening outreach and research capacities.

Higher Education Development Support, FY 89-92, LOP Cost \$20000
Improving the quality of public and private universities. Provides: (1) overseas Masters and Doctoral training to 175 academic staff from select universities; (2) faculty with more opportunities for professional growth, eg. through competitive research grants, administrative improvements and enhanced educational linkages; and (3) policy studies and operations research aimed at improving university efficiency, financing, and autonomy.

EHR RELATED PROJECTS:

Training for the Year 2000, FY 91-97, LOP \$15000
To provide US and Third Country training in high skill areas of computer sciences, marine fisheries and oceanography, sewage and waste disposal systems, mineral exploration and geology, policy planning and analysis, telecommunications, traffic management and highway planning, urban water supply and sanitation. In addition to provide assistance to the Indonesian Overseas Training Office to insure efficient management of training.

AFGHANISTAN (38)

EHR PROGRAM: The EHR program will address Afghanistan's pressing needs so as to reconstruct its human resource capability. First support will be given to providing primary schools, mainly in rural areas. This includes construction as well as provision of texts and materials. Second, support will be given to literacy training for the Mujahideen and other inhabitants in rural areas. Third, basic administrative skills training will be given at resettlement and rehabilitation centers, particularly for administrative and bureaucratic functioning. Fourth, scholarships will be provided for education and training at the tertiary level in the US.

EHR PROJECTS:

Education Sector Support, FY 86-91, LOP \$33985
To assist Afghanistan's education sector. Activities include developing an Education Enter for Afghanistan and providing direct support (textbooks, supplies, teacher training, and stipends) to the Afghan resistance primary education system. The project, which will eventually support 21 primary schools in Afghanistan, will be implemented by the Education Committee, with TA from the Center for Afghanistan Studies of the University of Nebraska at Omaha.

PHILIPPINES (46)

EHR PROGRAM: There is no EHR program.

EHR PROJECTS:

Development Training, FY 89-91, LOP Cost \$3050

Participant Training, FY 86-87, LOP Cost \$5000

YEMEN (47)

EHR PROGRAM: The long term objectives are to: (1) Improve Yemen's capacity to analyze labor force needs and make informed decisions about the allocation of training resources; (2) build a cadre of professionals in key development fields (notably agriculture and education) and enhance the capacity of Yemeni institutions to train professionals in these fields; and (3) increase the efficiency and effectiveness of primary education and, thereby, expand access to basic education, providing a broader foundation for production and productivity increases. A more intermediate objective is to expand the data base and Yemen's capacity for analysis and policy dialogue on education and training issues. This will be achieved by encouraging organizational development that enhances the government's ability to utilize effectively resources available for education and development. Finally, under the centrally funded Basic Research and Implementation in Developing Education Systems (BRIDGES) project, USAID is now looking at factors that account for differences in quality in primary schools, and possible actions by the MOE which could improve educational quality.

EHR PROJECTS:

Education Sector Support, FY 87-95, LOP Cost \$11300

Improving the efficiency of basic education, by increasing access to education and upgrading the curriculum. Project assists the Ministry of Education develop and install an outcome-based system, i.e., one in which instructional objectives and delivery, learning materials and criterion-reference tests are aligned to produce desired learning outcomes.

Development Training III, FY 84-96, LOP Cost \$40000

Training up to 1795 policy, planning, managerial technical and administrative personnel from the Yemen's public, private and semi-private sectors.

EHR RELATED PROJECTS:

Agricultural Development Support, (Subproject 02 Ibb Agricultural Training Center), FY 79-96, LOP Cost 4135235.

Subproject helping Yemen to establish an agricultural training center at Ibb which will provide mid-level agricultural skills training and, by project end, will graduate 90 persons a year from a 3-year certificate program.

Agricultural Development Support, (Subproject 05 Faculty of Agriculture)

Subproject promoting agricultural development in Yemen by establishing a Faculty of Agriculture at the University of Sanaa. Oregon State University implements the project mainly through a program of faculty development and facility construction and equipping.

MOROCCO (48)

EHR PROGRAM: There is no EHR program although there is training and support to agricultural research.

EHR RELATED PROJECTS:

Sector Support Training, FY 83-93, LOP \$26411.

Upgrading the managerial, analytical and technical skills of public and private sector Moroccans involved in planning and implementing social and economic programs. Project will also accommodate a wider field of participants from the private sector. The Directorate of Staff Training of the Government of Morocco's Ministry of Planning implements the project, which provides long- and short-term training to about 500 persons in US, Morocco, and third countries.

Development training, FY 91-95, LOP Cost \$21500

Agronomic Institute, FY 80-90, LOP Cost \$28508

Strengthening the capability of the Hassan II Agronomic Institute (IAV) to meet Morocco's agricultural development needs. Project purpose will be achieved through a program of participant training for IAV faculty, staff, and graduate students. University of Minnesota implements the project.

EGYPT (49)

EHR PROGRAM: The EHR program has four objectives: (1) to improve access to education by continuing school construction and developing local means to support basic education; (2) improving the quality of education by upgrading instructional materials, supporting in-service teacher training programs, and improving the teaching of science, computer skills and other basic technical subjects at secondary and junior college levels; (3) upgrading the quality of the work force through large-scale participant training, university linkages, and specialized training; and enhancing the educational planning capability of Egypt.

EHR PROJECTS:

University Linkages, FY 80-85, LOP \$27500

Developing collaborative US and Egyptian university research activities aimed at solving priority Egyptian development problems and at university capacity building to carry out research in these areas. The Ministry of Education and Scientific Research

Implements the project through the Supreme Council of Universities.

University Development, FY 91-98, LOP \$50000

Demonstrating alternative educational approaches at the post secondary level in selected disciplines critical to development, which provide higher-quality, modern, practically-oriented learning techniques. Emphasis is on development of smaller class size, community-based curricula that address market requirements, participative learning and problem solving approaches, modern educational technologies and techniques, reasonable faculty reward systems, and continued links with industry and end-users.

Basic Education, FY 81-89, LOP \$190000

Expanding and improving the efficiency of primary education through classroom construction, provision of instructional materials and assistance to educational planning.

Basic Education II, FY 90-95, LOP \$200000

Improving the quality, relevance and efficiency of basic education in Egypt by increasing access to schools and by supporting the Ministry of Education Reform Act of 1988.

Development Training, FY 85-93, \$109000

Expanding and improving the in-country and US training of Egyptian development personnel. Under leadership of the Ministry of Management Development's Central Agency for Organization and Administration the project provides training and helps rationalize the training investments

Peace Fellowships Program, FY 80-85, LOP Cost \$60000

Providing graduate level training through 1900 fellowships in the US -- 900 of 21 months duration and 1000 of 10 months duration. Also providing US technical assistance for on-the-job training of GOE Ministry of Higher Education; and initiating a variety of follow-up activities. GOE inputs consist of personnel and office space for Fellow selection and placement, material development, continuing salaries, departure allowance for all Fellows and some international travel. Fellows are drawn from government ministries and research centers, local government bodies, public and private sector firms, and universities. Project also encourages growth of Peace Fellows Alumni Association and monitors careers of returned participants.

EHR RELATED PROJECTS:

Science and Technology Development, FY 85-98, LOP Cost \$136750

Upgrading the capacity of the Egyptian science and technology community to solve national development problems through applied research technology. Egyptian universities, research centers, and government agencies collaborate with US entities in the fields of critical childhood diseases, productivity and S&T cooperation.

National Agricultural Research Program, FY 85-94, LOP \$231000
Strengthening the capacity of the Ministry of Agriculture's
Agricultural Research Center to develop and extend improved
technologies. Upgrading management, data collection/analysis,
research methods, information dissemination, seed production,
personnel, facilities, and collaborative agricultural research.

SOUTH PACIFIC REGION (50)

(Includes Papua New Guinea, Fiji, Solomon Islands, Vanuatu,
Western Samoa, Kiribati, Tonga, Cook Islands, Tuvalu, and Niue)

EHR PROGRAM: There is no EHR Program. Mission priorities lie with
marine resource development, agriculture, and health and
population. While educational development is uneven in the
region, particularly in the larger areas of Papua New Guinea (PNG)
and the Solomon Islands, the "complete dependence of these
countries on the Australian educational system precludes an
effective AID role (CDSS, p 15)". However, there is substantial
training as part of project development in the three above priority
areas. In addition two regional training programs are planned:

- **Workforce training and human resource development in the**
three priority areas through short term specialized courses
and workshops, and long term technical training;

- **Business and financial management. Short and long term**
training will be in financial management, business
management, marketing, quality control, and business
linkages to develop micro-enterprises in the agriculture and
fisheries sectors. Short and long term training will be used.

THAILAND (55)

EHR PROGRAM: There is no EHR program. There are EHR related
activities, however, in the Mission's effort to strengthen science and
technology and to broaden training, particularly in the private
sector.

EHR RELATED PROJECTS:

Science and Technology for Development, FY 85-92, LOP \$35400
The project reinforces the use of science and technology in
Thailand's development by: establishing an S&T Development
Board (STDB); strengthening research and development activities in
the universities and private sector; stimulating professional
exchanges between Thai and US S&T communities; and promoting
Industrial development.

Khon Kaen University Research Development, FY 83-86, LOP \$2170
Strengthening the institutional capacity of Khon Kaen University to
conduct research benefiting rural communities in Northeastern

Thailand which focuses on integrating farming systems research, rural development research and related training.

TUNISIA (55)

EHR PROGRAM: There is no EHR program, as "... the Mission recognizes that we have neither resources nor a comparative advantage to deal with an essentially outmoded French-based educational system. The World Bank is undertaking a major sector loan which well suits these needs... The Mission plans to complement the World Bank support by focusing mainly on training in management and other market-oriented skill areas (CDSS, p.40)."

EHR PROJECTS:

Training for the Future, FY 91-97, LOP Cost \$25000

Provides short and long term training to both public and private sector entities across the entire economy. Emphasis will be upgrading skills needed to manage a market-driven economy and which will enable Tunisia to play a prominent role in the application and dissemination of modern technologies. Specific skills will be: financial management, computer engineering, business administration, marketing, and biogenetics. The project will work directly with the private sector to help set up internship programs as an appropriate training vehicle both in Tunisia and the USA.

EHR RELATED PROJECTS:

Computer Technology, FY 85, LOP Cost \$3500

Institutionalizes the capacity to utilize computer technology, primarily in public education and research. Implementing agency is the Institut Regional des Sciences Informatiques et Telecommunications.

INAT Faculty Development, FY 78-83, \$380

Developing INAT's capacity to provide higher-level academic training in agriculture.

JORDAN (70)

EHR PROGRAM: The objectives are four: (1) To improve the match between labor supply and market demand by providing training and technical assistance in needed areas in Jordan's universities and community colleges; (2) To improve the capabilities of the educational system to meet private sector labor requirements by upgrading community colleges with market-oriented curricula and training; (3) To improve the quality of the educational environment and to increase literacy among school children by financing 40 compulsory schools and utilizing ETV for literacy development; and (4) To increase the quantity and improve the quality of managerial and technical manpower through expanded and targeted training.

EHR PROJECTS:

Development Administration Training IV, FY 86-90, LOP Cost \$7500
 Providing technical, managerial and administrative training to middle and upper level managers in Jordan's public and private sector institutions. Ministry of Planning is the implementing agency.

School Construction III, FY 85, LOP Cost \$30000
 Constructing modern, efficient classrooms to be used principally for compulsory cycle students (grades 1-9) to overcome shortages in classroom space and to reduce dependence on rented school buildings.

Vocational and Technical Training, FY 91-93, LOP Cost \$5000
 To improve Jordan's efficiency in absorbing and utilizing local labor and in improving the productivity of its workforce. The project will strengthen the ability of Jordanian vocational and technical training institutions to analyze and respond effectively to ever changing local and regional labor market requirements.

Management Development, FY 84, LOP Cost \$5000

EHR RELATED PROJECTS:

Industrial Development, FY 86-87, LOP Cost \$9500
 Improving the capacity of Jordanian private sector manufacturers to produce and market quality products at competitive prices. Project implementing agencies include the Amman Chamber of Industry, the Jordan Institute of Management and the University of Jordan's Faculty of Engineering and Technology.

Training for Private Sector Development, FY 91-93, LOP Cost \$7500
 To improve managerial, administrative and technical skills in the private and public sector in order to foster private sector development. Priority areas are market analysis and marketing, business and industrial management, management information systems, accounting and finance, environmental protection and safety, quality control, technology identification and transfer, product design, venture capital operations and specialized technical production fields. Most training will be short term with an emphasis on gaining practical and immediately useful skills.

Private Services Sector Development, FY 87-90, LOP Cost \$10000
 Supporting the growth of Jordan's private sector by upgrading services provided by the sector in four areas: accounting and auditing; computer services; industrial management and engineering; and market research, marketing, and advertising.

POLAND (76)

HUNGARY (80)

EHR PROGRAM:

The mission has no EHR program

EHR RELATED PROGRAM:

Development Studies and Training, FY 87-92, LOP Cost \$6500

Increasing the policy, planning and implementation capacities of selected agencies through specialized short and long term training. Project components are development policy studies and participant training.

Institute of Forestry, FY 87-95, LOP Cost \$8700

Upgrade forestry capacity through training foresters and natural resource managers at the B.S. and Certificate levels with special attention to community forestry management.

Diversified Agricultural Research, FY 84-92, LOP Cost \$11400

Strengthening institutional capability to increase subsidiary field crop production by small farmers.

Private Enterprise Promotion, FY 83-90, LOP Cost \$5500

Promoting private sector investments by creating investor service center, supporting business management training and entrepreneur development, conducting investment studies, actively promoting private sector investment, and providing selected sector support

INDONESIA (36)

EHR PROGRAM: *To achieve an efficient, high quality human resources development system which effectively links system outputs to market requirements.*

Subobjective -- to improve efficiencies in planning and policy formulation within the MOEC through strengthening policy research and analysis, and through supporting improved policies related to linking system outputs to market requirements, costs and financing of education, public vs. private delivery systems and decentralization.

Subobjective -- to address the most critical current and projected deficiencies in high-level trained manpower, through overseas training and strengthening critical programs within selected institutes of higher education. Participant training and the upgrading of university staff will emphasize technology transfer.

EHR PROJECTS:

General Participant Training II, FY 83-93, LOP \$50000

Helping redress the shortage of development manpower by funding participant training in key areas for public and private sector personnel and by creating an overseas training unit responsible for general participant training.

Education Policy and Planning, FY 84-90, LOP \$8500

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