

CONFORMED COPY

CREDIT NUMBER 3860 -YEM

Development Credit Agreement

(Groundwater and Soil Conservation Project)

between

REPUBLIC OF YEMEN

and

INTERNATIONAL DEVELOPMENT ASSOCIATION

Dated April 23, 2004



CREDIT NUMBER 3860 -YEM

DEVELOPMENT CREDIT AGREEMENT

AGREEMENT, dated April 23, 2004, between the REPUBLIC OF YEMEN (the Borrower) and INTERNATIONAL DEVELOPMENT ASSOCIATION (the Association).

WHEREAS the Borrower, having satisfied itself as to the feasibility and priority of the Project described in Schedule 2 to this Agreement, has requested the Association to assist in the financing of the Project; and

WHEREAS the Association has agreed, on the basis, *inter alia*, of the foregoing, to extend the Credit to the Borrower upon the terms and conditions set forth in this Agreement;

NOW THEREFORE the parties hereto hereby agree as follows:

ARTICLE I

General Conditions; Definitions

Section 1.01. The “General Conditions Applicable to Development Credit Agreements” of the Association, dated January 1, 1985 (as amended through October 6, 1999), (the General Conditions), constitute an integral part of this Agreement.

Section 1.02. Unless the context otherwise requires, the several terms defined in the General Conditions and in the Preamble to this Agreement have the respective meanings therein set forth and the following additional terms have the following meanings:

(a) “Environmental Management Plan” means the Borrower’s environmental management plan dated March 5, 2003, including the pest management plan, and aimed at assuring: (i) the adequate development of a screening process to identify any potential negative environment impact under the Project and undertake mitigation measures to reduce any such impacts; (ii) the implementation of a practical monitoring program to determine the effectiveness and timeliness of said interventions; and (iii) the carrying out of effective capacity building and training activities so as to improve environmental awareness and sensitivity among Project staff, counterpart agencies and beneficiaries;

(b) “Financial Monitoring Report” or “FMR” means each report prepared in accordance with Section 4.02 of this Agreement;

(c) “GDI” means the General Directorate for Irrigation within MAI (as this term is hereinafter defined);

(d) “MAI” means the Borrower’s Ministry of Agriculture and Irrigation or any successor thereof;

(e) “MWE” means the Borrower’s Ministry of Water and Environment or any successor thereof;

(f) “NWRA” means the National Water Resources Authority, established and operating under the Borrower’s Decree No. 154 of 1995, as the same may be amended from time to time;

(g) “PCU” means the Project Coordination Unit established by the Borrower within MAI and referred to in paragraph 3 of Schedule 4 to this Agreement

(h) “Project Implementation Plan” or “PIP” means the Project implementation plan, dated December 5, 2003, as such plan may be updated from time to time by agreement of the Borrower and the Association;

(i) “Special Account” means the account referred to in Section 2.02(b) of this Agreement; and

(j) “Steering Committee” means the committee established and operating in accordance with the PIP and paragraph 2 of Schedule 4 to this Agreement.

ARTICLE II

The Credit

Section 2.01. The Association agrees to lend to the Borrower, on the terms and conditions set forth or referred to in the Development Credit Agreement, an amount in various currencies equivalent to twenty seven million one hundred thousand Special Drawing Rights (SDR 27,100,000).

Section 2.02. (a) The amount of the Credit may be withdrawn from the Credit Account in accordance with the provisions of Schedule 1 to this Agreement for expenditures made (or, if the Association shall so agree, to be made) in respect of the reasonable cost of goods, works and services required for the Project and to be financed out of the proceeds of the Credit.

(b) The Borrower may, for the purposes of the Project, open and maintain in United States dollars a special deposit account in its Central Bank on terms and conditions satisfactory to the Association. Deposits into, and payments out of, the Special Account shall be made in accordance with the provisions of Schedule 5 to this Agreement.

Section 2.03. The Closing Date shall be October 31, 2009 or such later date as the Association shall establish. The Association shall promptly notify the Borrower of such later date.

Section 2.04. (a) The Borrower shall pay to the Association a commitment charge on the principal amount of the Credit not withdrawn from time to time at a rate to be set by the Association as of June 30 of each year, but not to exceed the rate of one-half of one percent (1/2 of 1%) per annum.

(b) The commitment charge shall accrue: (i) from the date sixty (60) days after the date of this Agreement (the accrual date) to the respective dates on which amounts shall be withdrawn by the Borrower from the Credit Account or canceled; and (ii) at the rate set as of the June 30 immediately preceding the accrual date and at such other rates as may be set from time to time thereafter pursuant to paragraph (a) above. The rate set as of June 30 in each year shall be applied from the next date in that year specified in Section 2.06 of this Agreement.

(c) The commitment charge shall be paid: (i) at such places as the Association shall reasonably request; (ii) without restrictions of any kind imposed by, or in the territory of, the Borrower; and (iii) in the currency specified in this Agreement for the purposes of Section 4.02 of the General Conditions or in such other eligible currency or currencies as may from time to time be designated or selected pursuant to the provisions of that Section.

Section 2.05. The Borrower shall pay to the Association a service charge at the rate of three-fourths of one percent (3/4 of 1%) per annum on the principal amount of the Credit withdrawn and outstanding from time to time.

Section 2.06. Commitment charges and service charges shall be payable semiannually on April 1st and October 1st in each year.

Section 2.07. (a) Subject to paragraphs (b), (c) and (d) below, the Borrower shall repay the principal amount of the Credit in semiannual installments payable on each April 1st and October 1st commencing April 1st, 2014 and ending October 1st, 2043. Each installment to and including the installment payable on October 1st, 2023 shall be one percent (1%) of such principal amount, and each installment thereafter shall be two percent (2%) of such principal amount.

(b) Whenever: (i) the Borrower's per capita gross national product (GNP), as determined by the Association, shall have exceeded for three (3) consecutive years the level established annually by the Association for determining eligibility to access the Association's resources; and (ii) the Bank shall consider the Borrower creditworthy for Bank lending, the Association may, subsequent to the review and approval thereof by the Executive Directors of the Association and after due consideration by them of the

development of the Borrower's economy, modify the repayment of installments under paragraph (a) above by:

- (A) requiring the Borrower to repay twice the amount of each such installment not yet due until the principal amount of the Credit shall have been repaid; and
- (B) requiring the Borrower to commence repayment of the principal amount of the Credit as of the first semiannual payment date referred to in paragraph (a) above falling six (6) months or more after the date on which the Association notifies the Borrower that the events set out in this paragraph (b) have occurred, provided, however, that there shall be a grace period of a minimum of five (5) years on such repayment of principal.

(c) If so requested by the Borrower, the Association may revise the modification referred to in paragraph (b) above to include, in lieu of some or all of the increase in the amounts of such installments, the payment of interest at an annual rate agreed with the Association on the principal amount of the Credit withdrawn and outstanding from time to time, provided that, in the judgment of the Association, such revision shall not change the grant element obtained under the above-mentioned repayment modification.

(d) If, at any time after a modification of terms pursuant to paragraph (b) above, the Association determines that the Borrower's economic condition has deteriorated significantly, the Association may, if so requested by the Borrower, further modify the terms of repayment to conform to the schedule of installments as provided in paragraph (a) above.

Section 2.08. The currency of the United States of America is hereby specified for the purposes of Section 4.02 of the General Conditions.

ARTICLE III

Execution of the Project

Section 3.01. (a) The Borrower declares its commitment to the objectives of the Project as set forth in Schedule 2 to this Agreement, and, to this end, shall carry out the Project through MAI with due diligence and efficiency and in conformity with appropriate administrative, agricultural, engineering, environmental, and financial practices, and shall provide, promptly as needed, the funds, facilities, services and other resources required for the Project.

(b) Without limitation upon the provisions of paragraph (a) of this Section and except as the Borrower and the Association shall otherwise agree, the Borrower shall

carry out the Project in accordance with the PIP, the Environmental Management Plan and the Implementation Program set forth in Schedule 4 to this Agreement.

(c) The Borrower shall: (i) ensure that adequate annual budgetary allocations are made prior to January 1 of each year to cover the counterpart funding required for the Project activities to be implemented during such year; and (ii) deposit each quarter into a separate bank account the counterpart funds identified in the quarterly financial monitoring reports referred to in Section 4.02 of this Agreement.

Section 3.02. Except as the Association shall otherwise agree, procurement of the goods, works and consultants' services required for the Project and to be financed out of the proceeds of the Credit shall be governed by the provisions of Schedule 3 to this Agreement.

Section 3.03. For the purposes of Section 9.06 of the General Conditions and without limitation thereto, the Borrower shall:

(a) prepare, on the basis of guidelines acceptable to the Association, and furnish to the Association not later than six (6) months after the Closing Date or such later date as may be agreed for this purpose between the Borrower and the Association, a plan for the future operation of the Project; and

(b) afford the Association a reasonable opportunity to exchange views with the Borrower on said plan.

ARTICLE IV

Financial Covenants

Section 4.01. (a) The Borrower shall establish by the Effective Date and thereafter maintain a financial management system, including records and accounts, and prepare financial statements in accordance with consistently applied accounting standards acceptable to the Association, adequate to reflect the operations, resources and expenditures related to the Project.

(b) The Borrower shall:

(i) have the financial statements referred to in paragraph (a) of this Section for each fiscal year (or other period agreed to by the Association), audited, in accordance with consistently applied auditing standards acceptable to the Association, by independent auditors acceptable to the Association;

- (ii) furnish to the Association as soon as available, but in any case not later than six (6) months after the end of each such year (or such other period agreed to by the Association), (A) certified copies of the financial statements referred to in paragraph (a) of this Section for such year (or other period agreed to by the Association), as so audited, and (B) an opinion on such statements by said auditors, in scope and detail satisfactory to the Association; and
- (iii) furnish to the Association such other information concerning such records and accounts, and the audit of such financial statements, and concerning said auditors, as the Association may from time to time reasonably request.

(c) For all expenditures with respect to which withdrawals from the Credit Account were made on the basis of statements of expenditure, the Borrower shall:

- (i) retain, until at least one (1) year after the Association has received the audit report for, or covering, the fiscal year in which the last withdrawal from the Credit Account was made, all records (contracts, orders, invoices, bills, receipts and other documents) evidencing such expenditures;
- (ii) enable the Association's representatives to examine such records; and
- (iii) ensure that such statements of expenditure are included in the audit for each fiscal year (or other period agreed to by the Association), referred to in paragraph (b) of this Section.

Section 4.02. (a) Without limitation upon the Borrower's progress reporting obligations set out in Schedule 4 to this Agreement, the Borrower shall prepare and furnish to the Association a financial monitoring report, in form and substance satisfactory to the Association, which:

- (i) sets forth sources and uses of funds for the Project, both cumulatively and for the period covered by said report, showing separately funds provided under the Credit, and explains variances between the actual and planned uses of such funds;
- (ii) describes physical progress in Project implementation, both cumulatively and for the period covered by said report, and explains variances between the actual and planned Project implementation; and

(iii) sets forth the status of procurement under the Project, as at the end of the period covered by said report.

(b) The first FMR shall be furnished to the Association not later than forty five (45) days after the end of the first calendar quarter after the Effective Date, and shall cover the period from the incurrence of the first expenditure under the Project through the end of such first calendar quarter; thereafter, each FMR shall be furnished to the Association not later than forty five (45) days after each subsequent calendar quarter, and shall cover such calendar quarter.

ARTICLE V

Effective Date; Termination

Section 5.01. The following event is specified as an additional condition to the effectiveness of the Development Credit Agreement within the meaning of Section 12.01(b) of the General Conditions, namely that the financial management system referred to under Article IV of this Agreement has been established.

Section 5.02. The date one hundred and twenty (120) days after the date of this Agreement is hereby specified for the purposes of Section 12.04 of the General Conditions.

ARTICLE VI

Representative of the Borrower; Addresses

Section 6.01. The Minister of Planning and International Cooperation of the Borrower is designated as representative of the Borrower for the purposes of Section 11.03 of the General Conditions.

Section 6.02. The following addresses are specified for the purposes of Section 11.01 of the General Conditions:

For the Borrower:

Ministry of Planning and International Cooperation
P.O. Box 175
Sana'a
Republic of Yemen

Cable address:

Telex:

Facsimile:

CENPLAN
Sana'a

2266
CENPLAN YE

967-1-250-665

For the Association:

International Development Association
1818 H Street, N.W.
Washington, D.C. 20433
United States of America

Cable address:	Telex:	Facsimile:
INDEVAS Washington, D.C.	248423 (MCI) or 64145 (MCI)	(202) 477-6391

IN WITNESS WHEREOF, the parties hereto, acting through their duly authorized representatives, have caused this Agreement to be signed in their respective names in the District of Columbia, United States of America, as of the day and year first above written.

REPUBLIC OF YEMEN

By /s/ Ahmad Mohammed Sofan
Authorized Representative

INTERNATIONAL DEVELOPMENT ASSOCIATION

By /s/ Christiaan J. Poortman
Regional Vice President
Middle East and North Africa

SCHEDULE 1

Withdrawal of the Proceeds of the Credit

1. The table below sets forth the Categories of items to be financed out of the proceeds of the Credit, the allocation of the amounts of the Credit to each Category and the percentage of expenditures for items so to be financed in each Category:

<u>Category</u>	<u>Amount of the Credit Allocated (Expressed in SDR Equivalent)</u>	<u>% of Expenditures to be Financed</u>
(1) Works	10,420,000	85%
(2) Goods	11,830,000	100% of foreign expenditures, 100% of local expenditures (ex-factory cost) and 85% of local expenditures for other items procured locally
(3) Consultants' services including audit	3,470,000	90% for consulting firms and 87% for individual consultants
(4) Training	800,000	100%
(5) Incremental Operating Costs covering:		
(a) salaries of PCU contractual staff	30,000	80%
(b) other operating costs	10,000	85%
(6) Unallocated	540,000	
TOTAL	<u>27,100,000</u>	

2. For the purposes of this Schedule:

(a) the term “foreign expenditures” means expenditures in the currency of any country other than that of the Borrower for goods, works or services supplied from the territory of any country other than that of the Borrower;

(b) the term “local expenditures” means expenditures in the currency of the Borrower or for goods, works or services supplied from the territory of the Borrower; and

(c) the term “Incremental Operating Costs” means expenditures under Part C of the Project incurred to finance the staffing costs of the PCU, office supplies, fuel and maintenance of vehicles, and local travel and per diem, excluding salaries of officials of the Borrower’s civil service.

3. Notwithstanding the provisions of paragraph 1 above, no withdrawals shall be made in respect of payments made for expenditures prior to the date of this Agreement.

4. The Association may require withdrawals from the Credit Account to be made on the basis of statements of expenditure for expenditures under contracts for: (a) goods costing less than \$100,000 equivalent per contract; (b) works costing less than \$200,000 equivalent per contract; (c) services of consulting firms under contracts costing less than \$100,000 equivalent per contract; (d) services of individual consultants costing less than \$50,000 equivalent per contract; (e) training; and (f) Incremental Operating Costs, all under such terms and conditions as the Association shall specify by notice to the Borrower.

SCHEDULE 2

Description of the Project

The objective of the Project is to assist the Borrower in promoting groundwater conservation in farming areas and increasing surface and groundwater availability, through: (a) the improvement of irrigation water use efficiency; (b) the improvement of recharge and protection of watersheds; and (c) the support of groundwater management framework and institutions.

The Project consists of the following parts, subject to such modifications thereof as the Borrower and the Association may agree upon from time to time to achieve such objectives:

Part A: Modernization and Improvement of Groundwater Irrigation Systems

1. Improving irrigation conveyance efficiency, through the supply and installation of groundwater conveyance pipes.
2. Modernization and improvement of localized on-farm irrigation efficiency, through: (a) the installation of on-farm irrigation equipment such as drip, bubbler, and sprinkler systems; and (b) the introduction of farm land leveling, on a pilot basis.

Part B: Improvement of Spate Irrigation, Water Harvesting and Soil Conservation

1. Improving spate irrigation, through the rehabilitation and construction of small and medium spate irrigation systems and wadi bank protection structures.
2. Improving water harvesting and soil conservation in uplands, through the construction and rehabilitation of terrace walls and erosion control structures including, *inter alia*, the provision of vegetative measures.
3. Improving water storage and groundwater recharge, through the construction and rehabilitation of tanks, pits and underground cisterns to collect rainwater for human and animal consumption and irrigation.

Part C: Institutional Strengthening of Water Institutions

1. Strengthening the institutional capacity of the MAI and GDI including its central water monitoring unit to improve irrigation water use efficiency and monitoring, through the provision of goods, technical advisory services and training.
2. Strengthening the institutional capacity of MWE, through the provision of goods, technical advisory services and training.

3. Support to NWRA for carrying out: (a) water resources assessment, monitoring and management; and (b) public information and awareness campaign on groundwater management and conservation, all through the provision of goods, technical advisory services and training.
4. Construction of office buildings for: (a) the NWRA Sa'adah branch; (b) three field units at Hajjah, Al-Dhale'a, Seiyoun; and (c) the Cooperative and Agricultural Credit Bank branch at Al-Dhale'a Governorate.
5. Strengthening the institutional capacity of the PCU and field units to implement projects and coordinate with stakeholders, through the provision of goods, technical advisory services and training.
6. Establishing irrigation advisory services within the field units, through the provision of goods, technical advisory services and training.
7. Strengthening the institutional capacity of water users groups to raise awareness about groundwater savings and to assist the field units in monitoring the irrigated areas and groundwater use, through the provision of technical advisory services and training.

* * *

The Project is expected to be completed by April 30, 2009.

SCHEDULE 3

Procurement and Consultants' Services

Section I. Procurement of Goods and Works

Part A: General

Goods and works shall be procured in accordance with the provisions of Section I of the "Guidelines for Procurement under IBRD Loans and IDA Credits" published by the Bank in January 1995 and revised in January and August 1996, September 1997 and January 1999 (the Guidelines) and the following provisions of Section I of this Schedule.

Part B: International Competitive Bidding

1. Except as otherwise provided in Part C of this Section, goods and works shall be procured under contracts awarded in accordance with the provisions of Section II of the Guidelines and paragraph 5 of Appendix 1 thereto.

2. The following provisions shall apply to goods and works to be procured under contracts awarded in accordance with the provisions of paragraph 1 of this Part B:

(a) Grouping of contracts

To the extent practicable, contracts for goods shall be grouped in bid packages estimated to cost \$200,000 equivalent or more each.

(b) Preference for domestically manufactured goods

The provisions of paragraphs 2.54 and 2.55 of the Guidelines and Appendix 2 thereto shall apply to goods manufactured in the territory of the Borrower.

(c) Notification and Advertising

The invitation to prequalify or bid for each contract estimated to cost \$10,000,000 equivalent or more shall be advertised in accordance with the procedures applicable to large contracts under paragraph 2.8 of the Guidelines.

Part C: Other Procurement Procedures

1. National Competitive Bidding

(a) Goods estimated to cost less than \$200,000 equivalent per contract, up to an aggregate amount not to exceed \$1,500,000 equivalent; and works estimated to cost

less than \$200,000 equivalent per contract, up to an aggregate amount not to exceed \$17,500,000 equivalent, may be procured under contracts awarded in accordance with the provisions of paragraphs 3.3 and 3.4 of the Guidelines, including the clarifications set forth in paragraph (b) of this Part C.1 required for compliance with the provisions of the Guidelines.

(b) The procedures to be followed for National Competitive Bidding under this Part C.1 shall be those set forth in Law No. 3 for 1997 concerning Government Tenders, Auctions and Stores, and its Regulations, with the following modifications required for compliance with paragraph 3.3 of the Guidelines:

- (i) a government-owned enterprise in the Republic of Yemen shall be eligible to bid only if it can establish that it is legally and financially autonomous, operates under commercial law, and is not a dependent agency of the Borrower;
- (ii) bidding (or pre-qualification, if required) shall not be restricted to any particular class of contractors or suppliers, and non-registered contractors and suppliers shall also be eligible to participate;
- (iii) tenders shall be advertised for at least two (2) consecutive days in two (2) local newspapers of wide circulation;
- (iv) prospective bidders shall be allowed a minimum of thirty (30) days for the preparation and submission of bids, such thirty (30) days to begin with the availability of the bidding documents or the advertisement, whichever is later;
- (v) until national standard bidding documents acceptable to the Association are available, bidding documents approved by the Association shall be used, and may be prepared in Arabic;
- (vi) registration shall not be used to assess bidders' qualifications; qualification criteria (in case pre-qualification was not carried out) and the method of evaluating the qualification of each bidder shall be stated in the bidding documents, and before contract award the bidder having submitted the lowest evaluated responsive bid shall be subject to post-qualification;
- (vii) a foreign bidder shall not be required to register or to appoint an agent as a condition for submitting its bid and, if determined to be the lowest evaluated responsive bidder, shall be given reasonable opportunity to register, without let or hindrance; the registration process shall not be applicable to sub-contractors;

- (viii) all bids shall be submitted in sealed envelopes and may be submitted, at the bidder's option, in person or by courier service;
- (ix) all bids shall be opened at the same time in a public bid opening which bidders shall be allowed to attend and which shall follow immediately after the deadline for submission of bids;
- (x) evaluation of bids shall be carried out in strict adherence to the criteria declared in the bidding documents and contracts shall be awarded to the lowest evaluated responsive bidder, without resorting to the rejection of bids above or below a certain percentage of the pre-bid estimate (bid price bracketing);
- (xi) no bidder shall be requested or permitted to modify its bid after the bid closing date shall have elapsed and bids submitted after the deadline for submission of bids shall be returned to the bidder unopened;
- (xii) post-bidding negotiations with the lowest or any other bidder shall not be permitted;
- (xiii) under exceptional circumstances, the procuring entity may, before the expiration of bid validity, request all bidders in writing to extend the validity of their bids, in which case bidders shall not be requested nor permitted to amend the price or any other condition of their bids; a bidder shall have the right to refuse to grant such an extension without forfeiting its bid security, but any bidder granting such extension shall be required to provide a corresponding extension of its bid security;
- (xiv) price adjustment provisions may be included in contracts for works with a duration of more than one year;
- (xv) rejection of all bids is justified when there is lack of effective competition, or bids are not substantially responsive, however, lack of competition shall not be determined solely on the basis of the number of bidders; and
- (xvi) each contract financed from the proceeds of the Credit shall provide that the contractor or supplier shall permit the Association, at its request, to inspect their accounts and records relating to the performance of the contract and to have such accounts and records audited by auditors appointed by the Association.

2. International or National Shopping

Goods estimated to cost less than \$50,000 equivalent per contract, up to an aggregate amount not to exceed \$270,000 equivalent, may be procured under contracts awarded on the basis of international or national shopping procedures in accordance with the provisions of paragraphs 3.5 and 3.6 of the Guidelines.

3. Procurement of Small Works

Small works estimated to cost less than \$50,000 equivalent per contract, up to an aggregate amount not to exceed \$1,500,000 equivalent, may be procured under lump-sum, fixed-price contracts awarded on the basis of quotations obtained from at least three (3) qualified domestic contractors in response to a written invitation. The invitation shall include a detailed description of the small works, including basic specifications of the required works, completion date, a basic form of agreement acceptable to the Association, and relevant drawings, where applicable. The award shall be made to the contractor who offers the lowest price quotation for the required work, and who has the experience and resources to complete the contract successfully.

Part D: Review by the Association of Procurement Decisions

1. Procurement Planning

Prior to the issuance of any invitations to prequalify for bidding or to bid for contracts, the proposed procurement plan for the Project shall be furnished to the Association for its review and approval, in accordance with the provisions of paragraph 1 of Appendix 1 to the Guidelines. Such plan shall be updated every twelve (12) months during the execution of the Project, and each such updating shall be furnished to the Association for its review and approval. Procurement of all goods and works shall be undertaken in accordance with such procurement plan (as updated from time to time) as shall have been approved by the Association, and with the provisions of said paragraph 1.

2. Prior Review

(a) With respect to: (i) each contract for goods and each contract for works to be procured in accordance with the procedures referred to under Part B of this Section; (ii) each contract for works estimated to cost the equivalent of \$200,000 or more to be procured in accordance with the procedures referred to in paragraph 1 under Part C of this Section; and (iii) each contract for goods estimated to cost the equivalent of \$100,000 or more to be procured in accordance with the procedures referred to in paragraph 1 under Part C of this Section, the procedures set forth in paragraphs 2 and 3 of Appendix 1 to the Guidelines shall apply.

(b) With respect to each contract for goods estimated to cost the equivalent of \$50,000 or more, the following procedures shall apply:

- (i) prior to the selection of any supplier under shopping procedures, the Borrower shall provide to the Association a report on the comparison and evaluation of quotations received;
- (ii) prior to the execution of any contract procured under shopping procedures, the Borrower shall provide to the Association a copy of the specifications and the draft contract; and
- (iii) the procedures set forth in paragraphs 2(f), 2(g) and 3 of Appendix 1 to the Guidelines shall apply.

3. Post Review

With respect to each contract not governed by paragraph 2 of this Part, the procedures set forth in paragraph 4 of Appendix 1 to the Guidelines shall apply.

Section II. Employment of Consultants

Part A: General

Consultants' services shall be procured in accordance with the provisions of Sections I and IV of the "Guidelines: Selection and Employment of Consultants by World Bank Borrowers" published by the Bank in January 1997 and revised in September 1997, January 1999 and May 2002 (the Consultant Guidelines), paragraph 1 of Appendix 1 thereto, Appendix 2 thereto and the following provisions of Section II of this Schedule.

Part B: Quality- and Cost-based Selection

1. Except as otherwise provided in Part C of this Section, consultants' services shall be procured under contracts awarded in accordance with the provisions of Section II of the Consultant Guidelines, and the provisions of paragraphs 3.13 through 3.18 thereof applicable to quality- and cost-based selection of consultants.

2. The following provision shall apply to consultants' services to be procured under contracts awarded in accordance with the provisions of the preceding paragraph: the short list of consultants for services estimated to cost less than \$100,000 equivalent per contract, may comprise entirely national consultants in accordance with the provisions of paragraph 2.7 and footnote 8 of the Consultant Guidelines.

Part C: Other Procedures for the Selection of Consultants

1. Selection Based on Consultants' Qualifications

Services estimated to cost less than \$100,000 equivalent per contract may be procured under contracts awarded in accordance with the provisions of paragraphs 3.1 and 3.7 of the Consultant Guidelines.

2. Single Source Selection

Services which are estimated to cost less than \$50,000 equivalent per contract, may, with the Association's prior agreement, be procured in accordance with the provisions of paragraphs 3.8 through 3.11 of the Consultant Guidelines.

3. Individual Consultants

Services of individual consultants: (a) for tasks that meet the requirements set forth in paragraph 5.1 of the Consultant Guidelines shall be procured under contracts awarded in accordance with the provisions of paragraphs 5.1 through 5.3 of the Consultant Guidelines; and (b) services under Part C.5 of the Project may be selected on a sole-source basis in accordance with the provisions of paragraphs 5.3 and 5.4 of the Consultant Guidelines, subject to prior approval of the Association.

Part D: Review by the Association of the Selection of Consultants

1. Selection Planning

A plan for the selection of consultants, which shall include contract cost estimates, contract packaging, and applicable selection criteria and procedures, shall be furnished to the Association for its review and approval prior to the issuance to consultants of any requests for proposals. Such plan shall be updated every twelve months during the execution of the Project, and each such updating shall be furnished to the Association for its review and approval. Selection of all consultants' services shall be undertaken in accordance with such selection plan (as updated from time to time) as shall have been approved by the Association.

2. Prior Review

(a) With respect to each contract for the employment of consulting firms estimated to cost the equivalent of \$100,000 or more, the procedures set forth in paragraphs 2, 3 and 5 of Appendix 1 to the Consultant Guidelines shall apply.

(b) With respect to each contract for the employment of individual consultants to be selected on a sole source basis, or estimated to cost the equivalent of \$50,000 or more, the report on the comparison of the qualifications and experience of

candidates, the qualifications, experience, terms of reference and terms of employment of the consultants shall be furnished to the Association for its prior review and approval. The contract shall be awarded only after the said approval shall have been given. The provisions of paragraph 3 of Appendix 1 to the Consultant Guidelines shall also apply to such contracts.

3. Post Review

With respect to each contract not governed by paragraph 2 of this Part, the procedures set forth in paragraph 4 of Appendix 1 to the Consultant Guidelines shall apply.

SCHEDULE 4

Implementation Program

A. Overall Project Implementation and Coordination

1. The Borrower shall vest responsibility for the implementation of the Project in MAI, in accordance with the Project Implementation Plan (PIP). Except as the Association shall otherwise agree, the Borrower shall not amend or waive any provision of the PIP if, in the opinion of the Association, such amendment or waiver may materially and adversely affect the carrying out of the Project or the achievement of the objectives thereof.
2. The Borrower shall establish by no later than July 1st, 2004 and thereafter maintain a Steering Committee, with membership acceptable to the Association as set forth in the PIP. The Steering Committee shall have overall responsibility for Project oversight and coordination.
3. For purposes of assisting MAI in the implementation of the Project and in order to ensure proper coordination of the execution of the Project, the Borrower shall maintain the PCU, within MAI, with professional staff in adequate numbers whose qualifications, experience and terms of reference shall be acceptable to the Association. The PCU shall operate under the auspices of the Steering Committee. The functions of the PCU shall include, *inter alia*, responsibility for: (a) overall day to day management and coordination of the Project; (b) the procurement and disbursement processes under the Project and the supervision of the work of the field units; (c) monitoring Project performance and implementation progress in accordance with the targets and indicators agreed upon with the Association; (d) management of the technical assistance components of the Project; (e) preparation, for submission to the Association, of annual work plans and updated procurement plans; (f) entering into tripartite agreements for saving water with the beneficiaries and water users groups or other irrigation management bodies; and (g) preparation, for submission to the Association, of the reports referred to under paragraph B of this Schedule. Key staff of the PCU shall consist of a director, a procurement specialist, and a financial management specialist.
4. The Borrower shall establish by no later than July 1st, 2004 and thereafter maintain within the regional offices of MAI, ten (10) field units to supervise the work and provide overall guidance to the beneficiaries. Irrigation advisory service units, established within the said field units, shall provide technical guidance to the beneficiaries on the options of water saving schemes available under the Project, the use of the irrigation equipment installed, the irrigation application techniques, water monitoring and the specific responsibilities of the beneficiaries.
5. The Borrower shall ensure that: (a) no activity shall be undertaken under the Project involving the involuntary acquisition of land or involuntary resettlement of

occupants or owners of such land; and (b) any such land required for the purposes of the Project shall be acquired on a voluntary basis pursuant to a memorandum of understanding between the owner/occupant of such land and the Borrower.

6. The Borrower shall ensure that no irrigation equipment procured under the Project shall be provided to the beneficiaries, unless a tripartite agreement has been entered into between the beneficiaries, representatives of the Borrower, and water users groups, local agricultural cooperatives or local authorities. The said tripartite agreement shall include the eligibility criteria acceptable to the Association as set forth in the PIP.

B. Project Reporting

1. The Borrower shall:

(a) maintain policies and procedures adequate to enable it to monitor and evaluate on an ongoing basis, in accordance with indicators satisfactory to the Association, the carrying out of the Project and the achievement of the objectives thereof;

(b) cause the PCU to prepare, under terms of reference satisfactory to the Association, and furnish to the Association, on or about May 31st, 2006, a report integrating the results of the monitoring and evaluation activities performed pursuant to paragraph (a) of this Section, on the progress achieved in the carrying out of the Project during the period preceding the date of said report and setting out the measures recommended to ensure the efficient carrying out of the Project and the achievement of the objectives thereof during the period following such date; and

(c) review with the Association, by August 31st, 2006, or such later date as the Association shall request, the report referred to in paragraph (b) of this Section, and, thereafter, take all measures required to ensure the efficient completion of the Project and the achievement of the objectives thereof, based on the conclusions and recommendations of the said report and the Association's views on the matter.

SCHEDULE 5

Special Account

1. For the purposes of this Schedule:
 - (a) the term “eligible Categories” means Categories (1), (2), (3), (4), (5)(a) and (5)(b) set forth in the table in paragraph 1 of Schedule 1 to this Agreement;
 - (b) the term “eligible expenditures” means expenditures in respect of the reasonable cost of goods, works and services required for the Project and to be financed out of the proceeds of the Credit allocated from time to time to the eligible Categories in accordance with the provisions of Schedule 1 to this Agreement; and
 - (c) the term “Authorized Allocation” means an amount equivalent to \$2,000,000 to be withdrawn from the Credit Account and deposited into the Special Account pursuant to paragraph 3(a) of this Schedule, provided, however, that unless the Association shall otherwise agree, the Authorized Allocation shall be limited to an amount equivalent to \$500,000 until the aggregate amount of withdrawals from the Credit Account plus the total amount of all outstanding special commitments entered into by the Association pursuant to Section 5.02 of the General Conditions shall be equal to or exceed the equivalent of SDR5,000,000.
2. Payments out of the Special Account shall be made exclusively for eligible expenditures in accordance with the provisions of this Schedule.
3. After the Association has received evidence satisfactory to it that the Special Account has been duly opened, withdrawals of the Authorized Allocation and subsequent withdrawals to replenish the Special Account shall be made as follows:
 - (a) For withdrawals of the Authorized Allocation, the Borrower shall furnish to the Association a request or requests for deposit into the Special Account of an amount or amounts which do not exceed the aggregate amount of the Authorized Allocation. On the basis of such request or requests, the Association shall, on behalf of the Borrower, withdraw from the Credit Account and deposit into the Special Account such amount or amounts as the Borrower shall have requested.
 - (b)
 - (i) For replenishment of the Special Account, the Borrower shall furnish to the Association requests for deposits into the Special Account at such intervals as the Association shall specify.
 - (ii) Prior to or at the time of each such request, the Borrower shall furnish to the Association the documents and other evidence required pursuant to paragraph 4 of this Schedule for the payment or payments in respect of which replenishment is

requested. On the basis of each such request, the Association shall, on behalf of the Borrower, withdraw from the Credit Account and deposit into the Special Account such amount as the Borrower shall have requested and as shall have been shown by said documents and other evidence to have been paid out of the Special Account for eligible expenditures. All such deposits shall be withdrawn by the Association from the Credit Account under the respective eligible Categories, and in the respective equivalent amounts, as shall have been justified by said documents and other evidence.

4. For each payment made by the Borrower out of the Special Account, the Borrower shall, at such time as the Association shall reasonably request, furnish to the Association such documents and other evidence showing that such payment was made exclusively for eligible expenditures.

5. Notwithstanding the provisions of paragraph 3 of this Schedule, the Association shall not be required to make further deposits into the Special Account:

(a) if, at any time, the Association shall have determined that all further withdrawals should be made by the Borrower directly from the Credit Account in accordance with the provisions of Article V of the General Conditions and paragraph (a) of Section 2.02 of this Agreement;

(b) if the Borrower shall have failed to furnish to the Association, within the period of time specified in Section 4.01 (b)(ii) of this Agreement, any of the audit reports required to be furnished to the Association pursuant to said Section in respect of the audit of the records and accounts for the Special Account;

(c) if, at any time, the Association shall have notified the Borrower of its intention to suspend in whole or in part the right of the Borrower to make withdrawals from the Credit Account pursuant to the provisions of Section 6.02 of the General Conditions; or

(d) once the total unwithdrawn amount of the Credit allocated to the eligible Categories, minus the total amount of all outstanding special commitments entered into by the Association pursuant to Section 5.02 of the General Conditions with respect to the Project, shall equal the equivalent of twice the amount of the Authorized Allocation.

Thereafter, withdrawal from the Credit Account of the remaining unwithdrawn amount of the Credit allocated to the eligible Categories shall follow such procedures as the Association shall specify by notice to the Borrower. Such further withdrawals shall be made only after and to the extent that the Association shall have been satisfied that all such amounts remaining on deposit in the Special Account as of the date of such notice will be utilized in making payments for eligible expenditures.

6. (a) If the Association shall have determined at any time that any payment out of the Special Account: (i) was made for an expenditure or in an amount not eligible pursuant to paragraph 2 of this Schedule; or (ii) was not justified by the evidence furnished to the Association, the Borrower shall, promptly upon notice from the Association: (A) provide such additional evidence as the Association may request; or (B) deposit into the Special Account (or, if the Association shall so request, refund to the Association) an amount equal to the amount of such payment or the portion thereof not so eligible or justified. Unless the Association shall otherwise agree, no further deposit by the Association into the Special Account shall be made until the Borrower has provided such evidence or made such deposit or refund, as the case may be.

(b) If the Association shall have determined at any time that any amount outstanding in the Special Account will not be required to cover further payments for eligible expenditures, the Borrower shall, promptly upon notice from the Association, refund to the Association such outstanding amount.

(c) The Borrower may, upon notice to the Association, refund to the Association all or any portion of the funds on deposit in the Special Account.

(d) Refunds to the Association made pursuant to paragraphs 6 (a), (b) and (c) of this Schedule shall be credited to the Credit Account for subsequent withdrawal or for cancellation in accordance with the relevant provisions of this Agreement, including the General Conditions.