

## Procurement Plan

*(This is only a sample with the minimum content that is required to be included in the PAD. The detailed procurement plan is still mandatory for disclosure on the Bank's website in accordance with the guidelines. The initial procurement plan will cover the first 18 months of the project and then updated annually or earlier as necessary).*

### I. General

1. **Bank's approval Date of the procurement Plan** *[Original: October 2017]*
2. **Date of General Procurement Notice:** *Oct, 2017*
3. **Period covered by this procurement plan:** *The procurement period of project covered from year October 2017 to December 2017*

### II. Goods and Works and non-consulting services.

1. **Prior Review Threshold:** Procurement Decisions subject to Prior Review by the Bank as stated in Appendix 1 to the Guidelines for Procurement: *[Thresholds for applicable procurement methods (not limited to the list below) will be determined by the Procurement Specialist /Procurement Accredited Staff based on the assessment of the implementing agency's capacity.]*

|    | Procurement Method                      | Prior Review Threshold<br>US\$ | Comments              |
|----|---|--------------------------------|-----------------------|
| 1. | ICB and LIB (Goods)                     | <i>Above US\$ 500,000</i>      | <i>All</i>            |
| 2. | NCB (Goods)                             | <i>Above US\$ 100,000</i>      | <i>First contract</i> |
| 3. | ICB (Works)                             | <i>Above US\$ 15 million</i>   | <i>All</i>            |
| 4. | NCB (Works)                             | <i>Above US\$ 5 million</i>    | <i>All</i>            |
| 5. | (Non-Consultant Services)               | <i>Below US\$ 100,000</i>      | <i>First contract</i> |
|    | <i>[Add other methods if necessary]</i> |                                |                       |

2. **Prequalification.** Bidders for *Not applicable* shall be prequalified in accordance with the provisions of paragraphs 2.9 and 2.10 of the Guidelines.
3. **Proposed Procedures for CDD Components (as per paragraph. 3.17 of the Guidelines:**
4. **Reference to (if any) Project Operational/Procurement Manual:** *Project Implementation Manual for World Bank Loan Project XYZ 04/01/2010 issued by <mention name of PIU>*
5. **Any Other Special Procurement Arrangements:** *[including advance procurement and retroactive financing, if applicable] 5 ICB works packages will be financed under retroactive financing*

July 9, 2010

6. **Summary of the Procurement Packages planned during the first 18 months after project effectiveness ( including those that are subject to retroactive financing and advanced procurement)**

[List the Packages which require Bank's prior review first and then the other packages]

| 1        | 2  | 3                           | 4        | 5                            | 6                             | 7        |
|----------|--|-----------------------------|----------|------------------------------|-------------------------------|----------|
| Ref. No. | Description                                  | Estimated Cost US\$ million | Packages | Domestic Preference (yes/no) | Review by Bank (Prior / Post) | Comments |
|          | Summary of the ICB (Works)                   |                             |          |                              |                               |          |
|          | Summary of the ICB (Goods)                   |                             |          |                              |                               |          |
|          | Summary of the NCB (Works)                   |                             |          |                              |                               |          |
|          | Summary of the NCB (Goods)                   | 0.237                       | 1        | YES                          | Post                          |          |
|          | Summary of the ICB (Non-Consultant Services) |                             |          |                              |                               |          |
|          | Summary of the Shopping                      | 0.02                        | 2        | YES                          | Post                          |          |

### **III. Selection of Consultants**

1. **Prior Review Threshold:** Selection decisions subject to Prior Review by Bank as stated in Appendix 1 to the Guidelines Selection and Employment of Consultants:

|    | Selection Method            | Prior Review Threshold | Comments |
|----|-----------------------------|------------------------|----------|
| 1. | Competitive Methods (Firms) | Above US\$ 100,000     |          |
| 2. | Single Source (Firms)       | All                    |          |
| 3. | Individual                  | Above US\$ 50,000      |          |

2. **Short list comprising entirely of national consultants:** Short list of consultants for services, estimated to cost less than \$ 300,000 equivalent per contract, may comprise entirely of national consultants in accordance with the provisions of paragraph 2.7 of the Consultant Guidelines.
3. **Any Other Special Selection Arrangements:** [including advance procurement and retroactive financing, if applicable or delete if not applicable]
4. **Consultancy Assignments with Selection Methods and Time Schedule**

| 1        | 2   | 3                              | 4         | 5                                | 6        |
|----------|---|--------------------------------|-----------|----------------------------------|----------|
| Ref. No. | Description of Assignment   | Estimated Cost<br>US\$ million | Packages  | Review by Bank<br>(Prior / Post) | Comments |
|          | Summary of number of contracts that will be let under QCBS          | <i>0.4</i>                     | <i>1</i>  | <i>Prior</i>                     |          |
|          | Summary of number of contracts that will be let under other methods | <i>1.868</i>                   | <i>13</i> | <i>Prior</i>                     | CQS      |
|          | Summary of number of contracts that will be let under other methods | <i>0.0128</i>                  | <i>4</i>  | <i>Prior</i>                     | IC       |

**PROCUREMENT PLAN** China : GEF Mainstreaming Integrated Water and Environment Management

**General Information**

**Country:** China **Bank's Approval Date of the Original Procurement Plan:** 2017-10-13  
**Revised Plan Date(s):** (comma delimited, leave blank if not) 2018-10-08  
**Project ID:** P146897 **GFN Date:**  
**Project Name:** GEF Mainstreaming Integrated Water and Environment Management  
**Loan / Credit No:** TF / A2428  
**Executing Agency(ies):** CIDDC, Foreign Economic Cooperation Office, Ministry of Environmental Protection, GEF Chengde, Shijiazhuang PMO

| WORKS                                |                   |           |             |        |                 |                     |                        |                      |                |                                   |        |                                    |        |  |        |  |        |                             |        |   |        |  |        |                 |        |                     |        |         |
|--------------------------------------|-------------------|-----------|-------------|--------|-----------------|---------------------|------------------------|----------------------|----------------|-----------------------------------|--------|------------------------------------|--------|--|--------|--|--------|-----------------------------|--------|---|--------|--|--------|-----------------|--------|---------------------|--------|---------|
| Activity Reference No. / Description | Loan / Credit No. | Component | Review Type | Method | Market Approach | Procurement Process | Prequalification (Y/N) | Actual Amount (US\$) | Process Status | Draft Pre-qualification Documents |        | Prequalification Evaluation Report |        | Draft Bidding Document / Justification |        | Specific Procurement Notice / Invitation |        | Bidding Documents as Issued |        | Proposal Submission / Opening / Minutes |        | Bid Evaluation Report and Recommendation for Award |        | Signed Contract |        | Contract Completion |        |         |
|                                      |                   |           |             |        |                 |                     |                        |                      |                | Planned                           | Actual | Planned                            | Actual | Planned                                | Actual | Planned                                  | Actual | Planned                     | Actual | Planned                                 | Actual | Planned  | Actual | Planned         | Actual | Planned             | Actual | Planned |
|                                      |                   |           |             |        |                 |                     |                        |                      |                |                                   |        |                                    |        |  |        |  |        |                             |        |   |        |  |        |                 |        |                     |        |         |

| GOODS   |                   |           |             |                        |                 |                             |                        |                      |                        |                                   |        |                                    |        |  |        |  |        |                             |        |   |        |  |        |                 |            |                     |            |         |
|---|-------------------|-----------|-------------|------------------------|-----------------|-----------------------------|------------------------|----------------------|------------------------|-----------------------------------|--------|------------------------------------|--------|--|--------|--|--------|-----------------------------|--------|---|--------|--|--------|-----------------|------------|---------------------|------------|---------|
| Activity Reference No. / Description  | Loan / Credit No. | Component | Review Type | Method                 | Market Approach | Procurement Process         | Prequalification (Y/N) | Actual Amount (US\$) | Process Status         | Draft Pre-qualification Documents |        | Prequalification Evaluation Report |        | Draft Bidding Document / Justification |        | Specific Procurement Notice / Invitation |        | Bidding Documents as Issued |        | Proposal Submission / Opening / Minutes |        | Bid Evaluation Report and Recommendation for Award |        | Signed Contract |            | Contract Completion |            |         |
|   |                   |           |             |                        |                 |                             |                        |                      |                        | Planned                           | Actual | Planned                            | Actual | Planned                                | Actual | Planned                                  | Actual | Planned                     | Actual | Planned                                 | Actual | Planned  | Actual | Planned         | Actual     | Planned             | Actual     | Planned |
| HB-G-4-1 / Purchasing office equipment and software   | TF / A2428        |           | Post        | Request for Quotations | Open - National | Single Stage - One Envelope |                        | 0.00                 | Pending Implementation |                                   |        |                                    |        |  |        | 2018-10-05                               |        |                             |        |   |        |  |        |                 | 2018-11-30 |                     | 2019-05-29 |         |
| MWR-G-3-1 / Purchasing software for remote sensing Monitoring and management platform for water consumption in irrigation area (GIS platform for agricultural water conservation monitoring and groundwater management system)                      | TF / A2428        |           | Post        | Request for Quotations | Open - National | Single Stage - One Envelope |                        | 0.00                 | Pending Implementation |                                   |        |                                    |        |  |        | 2018-10-05                               |        |                             |        |   |        |  |        |                 | 2018-11-30 |                     | 2019-05-29 |         |
| MWR-G-3-2 / Purchasing observation system equipments for remote sensing Monitoring and management platform for water consumption in irrigation area (GIS platform for agricultural water conservation monitoring and groundwater management system) | TF / A2428        |           | Post        | Request for Quotations | Open - National | Single Stage - One Envelope |                        | 0.00                 | Pending Implementation |                                   |        |                                    |        |  |        | 2018-10-05                               |        |                             |        |   |        |  |        |                 | 2018-11-30 |                     | 2019-05-29 |         |
| MWR-G-4-1 / Purchasing office equipment and software  | TF / A2428        |           | Post        | Request for Quotations | Open - National | Single Stage - One Envelope |                        | 0.00                 | Pending Implementation |                                   |        |                                    |        |  |        | 2018-10-05                               |        |                             |        |   |        |  |        |                 | 2018-11-30 |                     | 2019-05-29 |         |

| NON CONSULTING SERVICES              |                   |           |             |        |                 |                     |                        |                      |                |                                   |        |                                    |        |  |        |  |        |                             |        |   |        |  |        |                 |        |                     |        |         |
|--------------------------------------|-------------------|-----------|-------------|--------|-----------------|---------------------|------------------------|----------------------|----------------|-----------------------------------|--------|------------------------------------|--------|--|--------|--|--------|-----------------------------|--------|---|--------|--|--------|-----------------|--------|---------------------|--------|---------|
| Activity Reference No. / Description | Loan / Credit No. | Component | Review Type | Method | Market Approach | Procurement Process | Prequalification (Y/N) | Actual Amount (US\$) | Process Status | Draft Pre-qualification Documents |        | Prequalification Evaluation Report |        | Draft Bidding Document / Justification |        | Specific Procurement Notice / Invitation |        | Bidding Documents as Issued |        | Proposal Submission / Opening / Minutes |        | Bid Evaluation Report and Recommendation for Award |        | Signed Contract |        | Contract Completion |        |         |
|                                      |                   |           |             |        |                 |                     |                        |                      |                | Planned                           | Actual | Planned                            | Actual | Planned                                | Actual | Planned                                  | Actual | Planned                     | Actual | Planned                                 | Actual | Planned  | Actual | Planned         | Actual | Planned             | Actual | Planned |
|                                      |                   |           |             |        |                 |                     |                        |                      |                |                                   |        |                                    |        |  |        |  |        |                             |        |   |        |  |        |                 |        |                     |        |         |

| CONSULTING FIRMS |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|------------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
|                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

| Activity Reference No. / Description  | Loan / Credit No. | Component | Review Type | Method                             | Market Approach | Contract Type | Actual Amount (US\$) | Process Status         | Terms of Reference |            | Expression of Interest Notice |        | Short List and Draft Request for Proposals |        | Request for Proposals as Issued |        | Opening of Technical Proposals / Minutes |        | Evaluation of Technical Proposal |        | Combined Evaluation Report and Draft Negotiated Contract |            | Signed Contract |        | Contract Completion |        |
|---|-------------------|-----------|-------------|------------------------------------|-----------------|---------------|----------------------|------------------------|--------------------|------------|-------------------------------|--------|--|--------|---------------------------------|--------|--|--------|----------------------------------|--------|--|------------|-----------------|--------|---------------------|--------|
|   |                   |           |             |                                    |                 |               |                      |                        | Planned            | Actual     | Planned                       | Actual | Planned                                    | Actual | Planned                         | Actual | Planned                                  | Actual | Planned                          | Actual | Planned  | Actual     | Planned         | Actual | Planned             | Actual |
|   |                   |           |             |                                    |                 |               |                      |                        |                    |            |                               |        |  |        |                                 |        |  |        |                                  |        |  |            |                 |        |                     |        |
| MWR-C-1-4 / Study on Policies on Local Water Service Delivery System (Pilot in Jin-Zhou) and Study on Demonstration of Water Pricing Reformation and Local Water Service Delivery System (Jin-Zhou) | TF / A2428        |           | Post        | Consultant Qualification Selection | Open - National |               | 152,215.32           | Signed                 | 2017-09-30         | 2017-10-21 | 2017-12-04                    |        |  |        |                                 |        |  |        |                                  |        | 2018-01-03   | 2018-02-07 | 2018-08-06      |        |                     |        |
| MWR-C-1-8 / Operational Manual on ET-based Water Accounting and Auditing (Pilot in Cheng-de and Gao-Cheng) and Study on Demonstration on ET-based Water Accounting and Auditing in Industrial Area  | TF / A2428        |           | Post        | Consultant Qualification Selection | Open - National |               | 495,691.72           | Signed                 | 2017-09-30         | 2017-10-21 | 2017-12-04                    |        |  |        |                                 |        |  |        |                                  |        | 2018-01-03   | 2018-02-07 | 2018-08-06      |        |                     |        |
| MWR-C-1-9 / Operational Manual on ET-based Dual Control for Groundwater Management/Pilot in Gao-Cheng) and Study on Demonstration on ET-based Dual Control for Groundwater Management(Gao-Cheng)    | TF / A2428        |           | Post        | Consultant Qualification Selection | Open - National |               | 446,713.37           | Signed                 | 2017-09-30         | 2017-10-21 | 2017-12-04                    |        |  |        |                                 |        |  |        |                                  |        | 2018-01-03   | 2018-02-07 | 2018-08-06      |        |                     |        |
| HB-C-2-10 / Study on Demonstration on Scientific Irrigation Management at WUA (Jin-Zhou)  | TF / A2428        |           | Post        | Consultant Qualification Selection | Open - National |               | 253,692.21           | Signed                 | 2017-09-30         | 2017-10-21 | 2017-12-04                    |        |  |        |                                 |        |  |        |                                  |        | 2018-01-03   | 2018-02-07 | 2018-08-06      |        |                     |        |
| HB-C-4-9 / Project monitoring and evaluation  | TF / A2428        |           | Post        | Consultant Qualification Selection | Open - National |               | 297,297.66           | Signed                 | 2017-09-30         | 2017-10-21 | 2017-12-04                    |        |  |        |                                 |        |  |        |                                  |        | 2018-01-03   | 2018-02-07 | 2018-08-06      |        |                     |        |
| MWR-C-1-3 / study on policies on ET-based water rights and trading (Pilot in Jin-Zhou) and Study on Demonstration of ET-based Water Rights and Trading (Jin-Zhou)                                   | TF / A2428        |           | Post        | Consultant Qualification Selection | Open - National |               | 147,535.03           | Signed                 | 2017-10-11         | 2017-11-01 | 2017-12-15                    |        |  |        |                                 |        |  |        |                                  |        | 2018-01-14   | 2018-02-18 | 2018-08-17      |        |                     |        |
| CD-C-1-3 / Demonstration on Implementation of ET-based EC Quota Management in Sub-River Basin of the Luan River   | TF / A2428        |           | Post        | Consultant Qualification Selection | Open - National |               | 0.00                 | Pending Implementation | 2018-10-22         | 2018-11-12 | 2018-12-26                    |        |  |        |                                 |        |  |        |                                  |        | 2019-01-25   | 2019-03-01 | 2019-08-28      |        |                     |        |
| CD-C-1-4 / Demonstration on RS-based Non-Point Pollution Source Control Approach  | TF / A2428        |           | Post        | Consultant Qualification Selection | Open - National |               | 0.00                 | Pending Implementation | 2018-10-22         | 2018-11-12 | 2018-12-26                    |        |  |        |                                 |        |  |        |                                  |        | 2019-01-25   | 2019-03-01 | 2019-08-28      |        |                     |        |
| CD-C-1-5 / Demonstration on water consumption-based water accounting and auditing in both industrial factories and irrigation sites   | TF / A2428        |           | Post        | Consultant Qualification Selection | Open - National |               | 0.00                 | Pending Implementation | 2018-10-22         | 2018-11-12 | 2018-12-26                    |        |  |        |                                 |        |  |        |                                  |        | 2019-01-25   | 2019-03-01 | 2019-08-28      |        |                     |        |
| CD-C-1-6 / Demonstration on Point Water Pollution Source Emission Rights and Their Trading  | TF / A2428        |           | Post        | Consultant Qualification Selection | Open - National |               | 0.00                 | Pending Implementation | 2018-10-22         | 2018-11-12 | 2018-12-26                    |        |  |        |                                 |        |  |        |                                  |        | 2019-01-25   | 2019-03-01 | 2019-08-28      |        |                     |        |

|  |            |  |      |                                    |                 |  |      |                        |            |  |            |  |            |  |  |  |  |  |            |  |            |  |            |
|--|------------|--|------|------------------------------------|-----------------|--|------|------------------------|------------|--|------------|--|------------|--|--|--|--|--|------------|--|------------|--|------------|
| MWR-C-3-6 / Study on RS/ET-based Acquisition of Irrigation Data and Information  | TF / A2428 |  | Post | Consultant Qualification Selection | Open - National |  | 0.00 | Pending Implementation | 2018-09-30 |  | 2018-10-21 |  | 2018-12-04 |  |  |  |  |  | 2019-01-03 |  | 2019-02-07 |  | 2019-08-06 |
| MWR-C-3-7 / RS-based ET Data Monitoring and Analysis of Irrigation Districts   | TF / A2428 |  | Post | Consultant Qualification Selection | Open - National |  | 0.00 | Pending Implementation | 2018-09-30 |  | 2018-10-21 |  | 2018-12-04 |  |  |  |  |  | 2019-01-03 |  | 2019-02-07 |  | 2019-08-06 |
| MWR-C-4-1 / Website development  | TF / A2428 |  | Post | Consultant Qualification Selection | Open - National |  | 0.00 | Pending Implementation | 2018-09-30 |  | 2018-10-21 |  | 2018-12-04 |  |  |  |  |  | 2019-01-03 |  | 2019-02-07 |  | 2019-08-06 |
| MWR-C-3-4-3 / Database construction of agricultural water saving monitoring and groundwater management system  | TF / A2428 |  | Post | Consultant Qualification Selection | Open - National |  | 0.00 | Pending Implementation | 2018-09-30 |  | 2018-10-21 |  | 2018-12-04 |  |  |  |  |  | 2019-01-03 |  | 2019-02-07 |  | 2019-08-06 |
| MWR-3-5-1 / Water resources integrated management evaluation system based on water consumption control   | TF / A2428 |  | Post | Consultant Qualification Selection | Open - National |  | 0.00 | Pending Implementation | 2018-09-30 |  | 2018-10-21 |  | 2018-12-04 |  |  |  |  |  | 2019-01-03 |  | 2019-02-07 |  | 2019-08-06 |
| MWR-C-3-5-2 / Study on dual control method of farmland irrigation water and water consumption  | TF / A2428 |  | Post | Consultant Qualification Selection | Open - National |  | 0.00 | Pending Implementation | 2018-09-30 |  | 2018-10-21 |  | 2018-12-04 |  |  |  |  |  | 2019-01-03 |  | 2019-02-07 |  | 2019-08-06 |
| MWR-C-3-5-3 / Comprehensive analysis method and model construction of net groundwater exploitation in well irrigation area based on Remote Sensing Information | TF / A2428 |  | Post | Consultant Qualification Selection | Open - National |  | 0.00 | Pending Implementation | 2018-09-30 |  | 2018-10-21 |  | 2018-12-04 |  |  |  |  |  | 2019-01-03 |  | 2019-02-07 |  | 2019-08-06 |
| MWR-C-3-4-1 / RS ET system development   | TF / A2428 |  | Post | Consultant Qualification Selection | Open - National |  | 0.00 | Pending Implementation | 2018-09-30 |  | 2018-10-21 |  | 2018-12-04 |  |  |  |  |  | 2019-01-03 |  | 2019-02-07 |  | 2019-08-06 |
| MWR-C-3-4-2 / Development of water consumption management function in irrigation area  | TF / A2428 |  | Post | Consultant Qualification Selection | Open - National |  | 0.00 | Pending Implementation | 2018-09-30 |  | 2018-10-21 |  | 2018-12-04 |  |  |  |  |  | 2019-01-03 |  | 2019-02-07 |  | 2019-08-06 |
| MWR-C-3-9 / Annual M&E on scaling up IWEM Approach (Shijin Irrigation Area in Hai River Basin)   | TF / A2428 |  | Post | Consultant Qualification Selection | Open - National |  | 0.00 | Pending Implementation | 2018-10-15 |  | 2018-11-05 |  | 2018-12-19 |  |  |  |  |  | 2019-01-18 |  | 2019-02-22 |  | 2019-08-21 |
| MWR-C-3-11 / Annual M&E on Scaling up IWEM (He-Tao Irrigation Area in Yellow River Basin)  | TF / A2428 |  | Post | Consultant Qualification Selection | Open - National |  | 0.00 | Pending Implementation | 2018-10-15 |  | 2018-11-05 |  | 2018-12-19 |  |  |  |  |  | 2019-01-18 |  | 2019-02-22 |  | 2019-08-21 |

**INDIVIDUAL CONSULTANTS**