

## PROCUREMENT PLAN

### Basic Data

<b>Project Name:</b>	Sindh Cities Investment Improvement Program, Tranche 2	
<b>Country:</b>	Pakistan	<b>Executing Agency:</b> Planning and Development Department/ Program Support Unit, Government of Sindh
<b>Loan Amount:</b>	\$139.82 million	<b>Loan Number:</b> P37220-033
<b>Date of first Procurement Plan:</b>	December 2012	<b>Date of this Procurement Plan:</b> December 2012

### A. Process Thresholds, Review and 18-Month Procurement Plan

#### 1. Project Procurement Thresholds

1. Except as ADB may otherwise agree, the following process thresholds shall apply to procurement of goods and works.

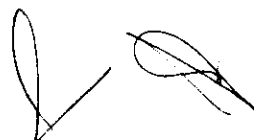
#### Procurement of Goods and Works

Method	Threshold
International Competitive Bidding (ICB) for Works	\$5,000,000 and above
International Competitive Bidding for Goods, Equipment, Supply and Installation (Turnkey)	\$1,000,000 and above
National Competitive Bidding (NCB) for Works	Below \$5.0 million
National Competitive Bidding for Goods, Equipment, Supply and Installation	Below \$1.0 million
Shopping for Works	Below \$ 100,000
Shopping for Goods	Below \$100,000

#### 2. ADB Prior or Post Review

2. Except as ADB may otherwise agree, the following prior or post review requirements apply to the various procurement and consultant recruitment methods used for the project.

Procurement Method	Prior or Post	Comments
<b>Procurement of Goods and Works</b>		
ICB Works	Prior	ADB Standard Bidding documents
ICB Goods	Prior	
NCB Goods/Works	Prior	
Shopping for Works	Post	
Shopping for Goods	Post	
<b>Recruitment of Consulting Firms</b>		
Quality- and Cost-Based Selection (QCBS)	Prior	Weightage ratio of 90:10
Other selection methods: Quality-Based Selection (QBS), Consultants Qualifications (CQS), Least Cost Selection (LCS), Fixed Budget Selection (FBS), and Single Source Selection (SSS)	Prior	SSS will be reviewed on a case-by-case basis in accordance with ADB's <i>Guidelines on the Use of Consultants</i> (April 2010) as amended from time to time
<b>Recruitment of Individual Consultants</b>		
Individual Consultants Selection	Prior	Posted in the Consultant Management System (CMS)




### 3. Goods and Works Contracts Estimated to Cost More Than \$1 Million

3. The following table lists goods and works contracts for which procurement activity is either ongoing or expected to commence within the next 18 months.

General Description	Estimated Base Cost (\$ million)	Procurement Method	Pre-qualification Of Bidders	Advertisement Date (quarter/year)	Comments
<b>Part B: Water Supply and Wastewater Management</b>					
B13. Supply of sewer/drain cleaning and maintenance equipments (New Sukkur, Rohri, Shikarpur and Ghotki) (\$ 1.84 m)	4.54	NCB	No	I Q / 2013	Equipment
C-2: Additional SWM secondary collection equipment and skips, and system for PFR 1 towns, and 2 new towns (\$2.70 m)					Equipment
B-18-II. Regional office, workshops, operations equipment, and software	2.00	NCB	No	III Q / 2013	Works
B-1. Extension of water treatment plant at Sukkur Naimash Gah (18 MGD) w/ force main to Adam Shah service reservoir	8.46	ICB	No	I Q / 2013	Works
B-2. Replacement of old water mains and installation of new mains / transmission lines (Sukkur, New Sukkur, Rohri & Khairpur)	9.02	ICB	No	I Q / 2013	Works
B-3. Installation of new ring / trunk mains including bulk meters, refurbishment of elevated tank and additional HSR (Sukkur, New Sukkur, Rohri, and Khairpur)	9.00	ICB	No	III Q / 2013	Works
B-4. Water treatment plant at Sukkur Airport	8.54	ICB	No	III Q / 2013	Works

General Description	Estimated Base Cost (\$ million)	Procurement Method	Pre-qualification Of Bidders	Advertisement Date (quarter/year)	Comments
(6 MGD), enhancement of storage lagoons and alternative supply of treated water from Numaish Gah via Adam Shah service reservoir					
B-5. 9 additional DNI zones (Sukkur, Rohri, and Khairpur) replacement of distribution network, transmission lines, house-hold connections	6.00	ICB	No	III Q / 2013	Works
B-6. Rohri construction of rapid gravity sand filter (6 MGD), distribution network, transmission line & lab at existing water treatment plant; (\$6.25 m)					Works
B-8. Shikarpur sewerage treatment, rehabilitation of drainage system, force mains, 3 disposal stations; (\$2.37 m)	15.38	ICB	No	III Q / 2013	Works
B-9. Larkana rehabilitation & improvement of sewerage and drainage system (\$6.77 m)					Works
B-7- Sukkur construction of new raw water intake on the River Indus	4.48	NCB	No	IV Q / 2012	Works
B-10. Rohri improvement of sewerage system and WW treatment system	3.00	NCB	No	I Q / 2013	Works
B-12. Khairpur WW diversion from all disposal stations from Mir wah canal	1.20	NCB	No	III Q / 2013	Works

General Description	Estimated Base Cost (\$ million)	Procurement Method	Pre-qualification Of Bidders	Advertisement Date (quarter/year)	Comments
B-14. Small capital works / projects for operational of WS and sewerage system of (Jacobabad and Ghotki) (\$1.89 m)	2.60	NCB	No	III Q / 2013	Works
B-15. Establishment of NRW reduction and pressure management zones (Sukkur, New Sukkur, Rohri, Khairpur, and Jacobabad ) (\$0.40 m)					Works
B-17. Installation of supervisory control and data acquisition for WS and WW facilities (\$0.32 m)					Works

**Part C: Solid Waste Management Improvement**

C-1. Construction of 3 sanitary landfill sites, disposal works, landfill equipment (Rohri, Sukkur, Khairpur, and Shikarpur)	12.00	ICB	No	I Q / 2013	Turnkey
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DNI = distribution network installation, ICB = international competitive bidding, NCB = national competitive bidding, NRW = nonrevenue water, MGD =million gallons per day, PFR 1 = First Periodic Financing Request, Q = quarter, SWM = solid waste management, WS = water supply, WW = wastewater, WWM = wastewater management.  
Source: Asian Development Bank estimates

**4. Consulting Services Contracts Estimated to Cost More Than \$100,000**

4. The following table lists consulting services contracts for which procurement activity is either ongoing or expected to commence within the next 18 months.

General Description	Estimated Base Cost \$ million	Recruitment Method	Advertisement Date (quarter/year)	International or National Assignment	Comments
<b>Part A: Urban Planning, Institutional Development and Program Implementation Support</b>					
<b>PSU</b>					
A-1-I. Detailed engineering design & construction supervision for PFR3	3.41	QCBS 90:10	I Q / 2013	International	FTP / Prior
A-1-II. PFR 4 preparation	2.19	QCBS 90:10	I Q / 2013	International	FTP / Prior
A-1-III. Independent verifier	0.595	QCBS 90:10	II Q / 2013	National	STP / Prior

General Description	Estimated Base Cost \$ million	Recruitment Method	Advertisement Date (quarter/year)	International or National Assignment	Comments
A-1-IV. Studies and trainings	0.263	QCBS 90:10	III Q / 2013	National	BTP / Prior
<b>NSUSC</b>					
A-2. Detailed engineering design, construction supervision for PFR2	1.96	QCBS (90:10)	I Q / 2013	International	FTP/Prior
A-3-I. Technical and business operational support	1.7	QCBS (90:10)	I Q / 2013	International	FTP/Prior
A-3-II. Individual	0.12	ICS	I Q / 2013	National	CMS / Prior
A-3-III. Individual	0.18	ICS	I Q / 2013	International	CMS / Prior

BTP = biodata technical proposal, CMS=consultant management system, FTP = full technical proposal, ICS = individual consultant selection, NSUSC = North Sindh Urban Services Corporation, PFR2 = Second Periodic Financing Request, PFR3 = Third Periodic Financing Request, PFR4 = Fourth Periodic Financing Request, PSU = Program Support Unit, Q = quarter, QCBS = quality- and cost-based selection, STP = simplified technical proposal.  
Source: Asian Development Bank estimates.

#### 5. Goods and Works Contracts Estimated to Cost Less than \$1 Million and Consulting Services Contracts Less than \$100,000

5. The following table groups smaller-value goods, works and consulting services contracts for which procurement activity is either ongoing or expected to commence within the next 18 months.

General Description	Value of Contracts \$ million (Base cost, cumulative)	Number of Contracts	Procurement/ Recruitment Method	Comments
<b>Part A: Urban Planning/Institutional Development and Program Implementation Support</b>				
Goods, Equipment, and vehicles	0.07	Various	Shopping	Prior Review
PSU operations	1.24	Various	ICS	Prior Review
NSUSC National individual consultants	0.12	Various	ICS	Prior Review
NSUSC International individual consultants	0.18	Various	ICS	Prior Review
<b>Part B: Water Supply and Wastewater Improvements</b>				
B-11. Khairpur rehabilitation & WW treatment plant at existing stabilization ponds	0.54	1	NCB	Prior Review
B-18-I. Regional office, operations equipment, and software	1.00	Various	Shopping	Prior Review

ICS = individual consultant selection, NCB = national competitive bidding, NSUSC = North Sindh Urban Services Corporation, PSU = program support unit, WW = wastewater.  
Source: Asian Development Bank estimates.

## B. Indicative List of Packages Required Under the Project

6. The following table provides an indicative list of all procurement (goods, works, and consulting services) over the life of the project. Contracts financed by the Borrower and others should also be indicated, with an appropriate notation in the comments section.

General Description	Estimated Value (Base Cost) \$ million	Estimated No. of Contracts	Procurement Method	Domestic Preference Applicable	Comments
<b>Goods</b>					
<b>PSU</b>					
Goods, Equipment and Vehicles	0.07	Various	Shopping	No	Estimated contract value is cumulative amount
<b>Part B. Water Supply and Wastewater Improvements</b>					
<b>NSUSC</b>					
B13. Supply of sewer/drain cleaning and maintenance equipments (New Sukkur, Rohri, Shikarpur and Ghotki); (\$1.84 m)	4.54	1	NCB	No	Equipment
C-2: Additional SWM secondary collection equipment and skips, and system for PFR 1 towns, and 2 new towns (\$2.70 m)					
B-18-I. Regional office, operations equipment and software	1.00	Various	Shopping	No	Goods
<b>Works</b>					
B-1. Extension of water treatment plant at Sukkur Naimash Gah (18 MGD) w/ force main to Adam Shah service reservoir	8.46	1	ICB	No	Works
B-2. Replacement of old water mains and installation of new mains/transmission lines (Sukkur, New Sukkur, Rohri and Khairpur)	9.02	1	ICB	No	Works
B-3. Installation of new ring / trunk mains including bulk meters, refurbishment of elevated tank & additional HSR (Sukkur, New Sukkur, Rohri & Khairpur)	9.00	1	ICB	No	Works

General Description	Estimated Value (Base Cost) \$ million	Estimated No. of Contracts	Procurement Method	Domestic Preference Applicable	Comments
B-4. Water treatment plant at Sukkur Airport (6 MGD), enhancement of storage lagoons and alternative supply of treated water from Numaish Gah via Adam Shah service reservoir	8.54	1	ICB	No	Works
B-5. 9 additional DNI zones (Sukkur, Rohri & Khairpur) re-placement of distribution net-work, transmission lines, household connections	6.00	1	ICB	No	Works
B-6. Rohri construction of rapid gravity sand filter (6 MGD), distribution network, transmission line & lab at existing water treatment plant; (\$6.25 m)	15.38	1	ICB	No	Works
B-8. Shikarpur sewerage treatment, rehabilitation of drainage system, force mains, 3 disposal stations (\$2.37 m)					Works
B-9. Larkana rehabilitation & improvement of sewerage & drainage system (\$ 6.77 m)					Works
B-7. Sukkur construction of supporting works for water intake on the River Indus	4.48	1	NCB	No	Works
B-10. Rohri improvement of sewerage system and WW treatment system	3.00	1	NCB	No	Works
B-11. Khairpur rehabilitation & WW treatment plant at existing stabilization ponds	0.54	1	NCB	No	Works
B-12. Khairpur WW diversion from all disposal stations from Mir wah canal	1.20	1	NCB	No	Works

General Description	Estimated Value (Base Cost) \$ million	Estimated No. of Contracts	Procurement Method	Domestic Preference Applicable	Comments
B-14. Small capital works / projects for operational of WS and sewerage system of (Jacobabad & Ghotki) (\$ 1.89 m)	2.60	1	NCB	No	Works
B-15. Establishment of NRW reduction and pressure management zones (Sukkur, New Sukkur, Rohri, Khairpur, & Jacobabad ) (\$ 0.40 m)					Works
B-17. Installation of supervisory control and data acquisition for WS and WW facilities (\$0.32 m)					Works
B-18-II. Regional office, workshops, operations, equipment and software	2.0	1	NCB	No	Works

#### Part C: Solid Waste Management Improvement

C-1. Construction of 3 sanitary landfill sites, disposal works, landfill equipment in Rohri, Sukkur, Khairpur and Shikarpur	12.0	1	ICB	No	Turnkey
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General Description	Estimated Value \$ million (cumulative)	Estimated Number of Contracts	Recruitment Method	Type of Proposal	Comments
Consulting Services					
Detailed engineering design & construction supervision, PFR preparation;	9.26	4	QCBS 90:10	FTP	Intl and national
Independent Verifier; studies and trainings	0.85	2	QCBS 90:10	STP / BTP	National
PSU Operations	1.24	Various	ICS	-	National
NSUSC Operations	0.30	Various	ICS	-	Intl and national

BTP = biodata technical proposal, DNI = distribution network installation, ICB = international competitive bidding, ICS = individual consultant selection, FTP = full technical proposal, MGD = million gallons per day, NRW = nonrevenue water, NSUSC = North Sindh Urban Services Corporation, QCBS = quality-cost based selection, PFR = periodic financing request, PSU = Program Support Unit, STP = simplified technical proposal, WW = wastewater.

Source: Asian Development Bank estimates



## **C. National Competitive Bidding**

### **1. General**

7. The procedures to be followed for national competitive bidding shall be those set forth in the Draft Public Procurement Rules 2006 prepared by Government of Sindh (Islamic Republic of Pakistan) with the clarifications and modifications prescribed in the following paragraphs required for compliance with the provisions of the ADB Procurement Guidelines.

### **2. Registration**

- (i) Bidding shall not be restricted to pre-registered firms and such registration shall not be a condition for participation in the bidding process.
- (ii) Where registration is required prior to award of contract, bidders shall be allowed a reasonable time to complete the registration process; and shall not be denied registration for reasons unrelated to their capability and resources to successfully perform the contract, which shall be verified through post-qualification.

### **3. Prequalification**

8. Normally, post qualification shall be used unless explicitly provided for in the loan agreement/procurement plan. Irrespective of whether post qualification or prequalification is used, eligible bidders (both national and foreign) shall be allowed to participate.

### **4. Bidding Period**

9. The minimum bidding period is 28 days prior to the deadline for the submission of bids.

### **5. Bidding Documents**

10. Procuring entities should use the applicable standard bidding documents for the procurement of goods, works and services acceptable to ADB.

### **6. Domestic Preference**

11. No domestic preference shall be given for domestic bidders and for domestically manufactured goods.

### **7. Advertising**

12. Invitations to bid shall be advertised in at least one widely-circulated national daily newspaper or freely accessible, nationally-known website allowing a minimum of 28 days for the preparation and submission of bids. NCB contracts estimated to cost \$500,000 or more for goods and related services and \$1,000,000 or more for civil works will be advertised on ADB's website via the posting of the Procurement Plan.

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**8. Bid Security**

13. Where required, bid security shall be in the form of a bank guarantee from a reputable bank.

**9. Bid Opening and Bid Evaluation**

- (i) Bids shall be opened in public.
- (ii) Evaluation of bids shall be made in strict adherence to the criteria declared in the bidding documents and contracts shall be awarded to the lowest evaluated bidder.
- (iii) Bidders shall not be eliminated from detailed evaluation on the basis of minor, non-substantial deviations.
- (iv) No bidder shall be rejected on the basis of a comparison with the employer's estimate and budget ceiling without ADB's prior concurrence.
- (v) A contract shall be awarded to the technically-responsive bid that offers the lowest evaluated price and no negotiations shall be permitted.

**10. Rejection of All Bids and Rebidding**

14. Bids shall not be rejected and new bids solicited without ADB's prior concurrence.

**11. Participation by Government-owned Enterprises**

15. Government-owned enterprises in the Islamic Republic of Pakistan shall be eligible to participate as bidders only if they can establish that they are legally and financially autonomous, operate under commercial law and are not a dependent agency of the contracting authority. Furthermore, they will be subject to the same bid and performance security requirements as other bidders.

**12. ADB Member Country Restrictions**

16. Bidders must be nationals of member countries of ADB, and offered goods and services must be produced in and supplied from member countries of ADB.

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## SUMMARY OF ONGOING ADVANCE ACTIONS

<b>TABLE-1 ADVANCE ACTIONS</b>			
<b>Bid Package No.</b>	<b>Item Description</b>	<b>Estimated Cost (\$ millions)</b>	<b>Status</b>
<b>Part A Urban Planning, Institutional Development and Program Implementation Support</b>			
A-2	Detailed Engineering Design & Construction Supervision for PFR-2	1.96	Detailed TOR prepared and attached as Annex 6.
A-3-I	Technical and Business Operational Support	1.70	Detailed TOR prepared and attached as Annex 6.
A-1-I	Detailed engineering design & construction supervision for PFR3;	3.41	Detailed TOR prepared and attached as Annex 6.
A-1-II	Project preparation for PFR 4	2.19	Detailed TOR prepared and attached as Annex 6.
<b>Part B Water Supply and Wastewater Improvements</b>			
B-1	Construction of an extension of the water treatment plant at Sukkur Naimash Gah of 18 MGD together with force main to Adam Shah service reservoir, including meters and pressure measuring devices.	8.46	Detailed Engineering Design and Bidding Documents shall be ready by end of Dec 2012 by SCIIP 4 Consultant M/s. MMP.
B-7	Construction of supporting works for the new water intake on the River Indus	4.48	Detailed Engineering Design and Bidding Documents have been submitted by M/s. RCC Consultant. The project is ready for bidding process.
<b>Part C Solid Waste Management Improvement</b>			
C-1	Solid waste management improvements: Construction of three sanitary landfill sites, disposal works, landfill equipment landfill in Rohri, Sukkur, Khairpur and Shikarpur.	12.00	Detailed Engineering Design and Bidding Documents shall be ready by end of Nov. 2012.
B-13	Supply of sewer/drain cleaning and maintenance equipments (New Sukkur, Rohri, Shikarpur and Ghotki);	4.54	Detailed Engineering Design and Bidding Documents shall be ready by end of Nov. 2012.
C-2	Additional SWM Secondary collection equipment and SKIPS and System and replacement of old TMA system including New SMW Secondary Collection Equipment including road mechanical sweepers for all T1 and T2 Towns.		
B-18-I	NSUSC regional office, operations, equipment and software	1.00	M/s Seureca is preparing detailed documents which shall be ready by Dec. 2012
B-18-II	NSUSC regional office, workshops, operations, equipment and software	2.00	M/s Seureca is preparing detailed documents which shall be ready by Dec. 2012