

Procurement arrangements, and threshold for UPWSRP-2 – P122770 for STEP dashboard.

A. General

Procurement for the proposed project would be carried out in accordance with the World Bank's "Guidelines: Procurement under IBRD Loans and IDA Credits" dated January 2011; and "Guidelines: Selection and Employment of Consultants by World Bank Borrowers" dated January 2011, and the provisions stipulated in the Legal Agreement. The various items under different expenditure categories are described in general below. For each contract to be financed by the Loan/Credit, the different procurement methods or consultant selection methods, the need for pre-qualification, estimated costs, prior review requirements, and time frame are agreed between the Borrower and the Bank in the Procurement Plan. The Procurement Plan will be updated at least annually or as required to reflect the actual project implementation needs and improvements in institutional capacity. Domestic preference is not applicable for Goods or Works.

Procurement of Works: Works procured under this project would include: Civil works for rehabilitation and modernization of Canals, dams, weirs, bunds and tanks, old drains, construction of measuring structures, water courses, check dams & harvesting structures, Canal lining, SCADA and telemetry works and associated maintenance works. The procurement will be done using the Bank's Standard Bidding Documents (SBD) for all ICB and National Model bidding documents agreed with or to the satisfaction of the Bank. Small civil works such as rehabilitation of minors and water courses may be procured through CDD procurement method through community participation by Water Users Association (WUA). PACT will ensure the readiness of the WUA for this and introduce a Project Implementation Manual based on acceptable CDD procurement methods to facilitate CDD procurement.

Procurement of Goods: Goods procured under this project would include: IT equipment & hardware, Office automation and software, application software sensors, telemetry equipment and communication systems for warning and forecasting, Instrumentation / modern equipment for discharge measurement and the associated maintenance of the equipment. The procurement will be done using the Bank's SBD for all ICB and National SBD and conditions agreed with or found satisfactory to the Bank.

Procurement of Non-Consulting Services: Non-consulting services will include procurement for hiring of NGOs, AMC of IT infrastructure, bandwidth for connectivity, hiring of generators / vehicles, agencies for providing skilled / unskilled contractual staff.

Selection of Consultants: Consulting firms will be engaged for hydrological / topographical / cadastral surveys, data collection and analysis, SEA, staff training, orientation and skill development, capacity building, development and operation, TOT and research. Short lists of consultants for services estimated to cost less than \$800,000 equivalent per contract may be composed entirely of national consultants in accordance with the provisions of paragraph 2.7 of the Consultant Guidelines. Individual consultants will be engaged for preparation of study reports and preparatory activities for phase III. The State Institution of Rural Development (SIRD), Lucknow a Government owned institution and an apex body undertaking training and research in

multifaceted disciplines like social, financial, administrative and environment may be engaged for capacity building of WUA's and awareness generation, if its participation is critical to the project implementation in compliance to clause 1.13(c) of the consultancy guidelines. Designated Distributary Committees will engage one technical person and one financial person for execution of technical works and financial work like, preparation of estimates, measurement of works, preparation of bills, payments, maintaining cash books and other financial records, implementing day to day civil works including other works of the Distributary Committee. The selection process will be locally advertised, competitive and managed by a committee comprising of EE and member of management committee of users and Distributary Committee.

Training: Training will cover study tours, workshops, training for staff, sponsoring staff for PhD and M.Tech / higher education etc. These shall be carried out in accordance with requirements of UPID and agreed with the Bank.

The procurement and consultant guidelines, SRFPs and SBDs to be used for each procurement method, as well as model contracts for works and goods procured, are being prepared by PACT officials and will be made available to all implementing agencies).

The procurement of any goods, works and consulting services from any government department/agency which does not fulfill provisions of Para 1.7 (c) of Procurement Guidelines and Para 1.13 (b) of Consultant Guidelines and payment of centage charges to any state construction agencies, if any, will not be eligible for the Bank financing.

B. Assessment of the agency's capacity to implement procurement

Procurement activities will be carried out by five implementing agencies (UPID, GWD, DOA, RSAC and SIRD) coordinated by the PACT:

Sl.No.	Implementing Agency	Institutional arrangements
0	PACT- Project Activity Core Team	Chairman and/or Chief Engineer as approving authorities, Procurement expert. Executive committee headed by Principal Secretary – irrigation
1	UPID- Uttar Pradesh Irrigation Department represented by 1. Chief Engineer, SardaSahayak , 2. CE- Betwa (B'Khand) and 3. Chief Engineer Ramganga	Corresponding Chief Engineer will be the approving authority, while the Superintending Engineers and Executive Engineers as EA (executing agencies), as per delegation of financial powers below:
1a	SWARA- State Water Resource Agency (administratively attached to UPID)	Chief Engineer, Manager – Administration as operating officer.
1b	SWARDAC- State Water Resource Data Analysis Center (administratively attached to UPID)	Chief Engineer - as approving authority, Manager – Administration as operating officer.
1c	WALMI- Water and Land Management Institute (under UPID)	Director- as approving authority, Manager – Administration as operating officer

2	GWD- Ground Water Department	Director – Ground Water as approving authority, Executive Engineers at districts as operating officers.
3	DOA- Department of Agriculture	District Administrative Officer at each of the 16 Districts under the Project area as Administration / Operating Officer
4	RSAC- Remote Sensing Application Centre	Director- as approving authority, Manager – Administration as operating officer
5	State Institute of Rural Development (SIRD)	Director, SIRD as the approving authority

Procurement Arrangements

The Project Activity Core Team (PACT) would remain the apex body for the overall monitoring and evaluation center constituted at the inception of the Project. The overall fiscal control through Chairman PACT, Executive Committee under the Chairmanship of Principal Secretary, Irrigation and Steering Committee under the chairmanship of Chief Secretary, Govt. of UP for Policy Decisions would remain in place for the Project. The procurement Cell at PACT is staffed by Procurement expert supported by an Assistant Engineer with adequate exposure and experience in World Bank procurement procedures.

The procurement operations for major civil works and consultancies for the modernization & rehabilitation of irrigation & drainage system involving an expenditure of Rs 2092 crore are envisaged to be executed through the UPID Chief Engineers' Organizations of Ramganga, (SE Circles at Aligarh, Kanpur, Kanpur-II and Etawah), Sarda Sahayak (SE circle at Lucknow) and Betwa (SE Circle at Lalitpur). Designated officers under these Chief Engineers organizations who will be responsible for procurement and subsequent management of critical consultancy services have undergone training on World Bank procurement procedures during October 2012. Further procurement training with a specific focus on Civil Works and consultancies is to be arranged before March 2013.

SWARA and SWARDAC are institutions made for the execution of UPWSRP Phase 1 project and will be involve knowledge base and analytical capacity for integrated water resources management. These agencies will be procuring goods like computers, equipment, and software and consultancies. WALMI would be procuring minor civil works. State Institute of Rural Development (SIRD) is an autonomous institution under the Department of Rural Development and would be responsible for implementing the Awareness and capacity building component for Participatory Irrigation Management project. Guidance and assistance to all the line departments on matters related to World Bank guidelines on procurement will be provided by PACT as and when required.

The Department of Agriculture (DoA), GoUP will be responsible for Component D: Enhancing Agricultural Productivity at an estimated cost of Rs. 175 crores involving the procurement of equipment and materials consultancies for TA, Monitoring, Impact Assessment and Capacity building and non-consulting services for day to day administration. A dedicated procurement

consultant, experienced in World Bank procurement procedures for Goods and Consultancies has to be placed at DoA.

An assessment of the capacity of the Implementing Agency to implement procurement actions for the project has been carried out by S.Balagopal on 4-7 November 2012. The assessment reviewed the organizational structure for implementing the project and the interaction between the project's staff responsible for procurement and the Department's relevant central unit for administration and procurement. The PRAMS risk rating for PACT/UPID is moderate / substantial.

The use of e-procurement is not mooted by UPID/PACT as there are no immediate plans to do so. The Implementing agencies presently are not advantageously positioned to adopt e-procurement. However, the project envisages the use of Information Technology (IT) products and technologies for project management and implementation. Subsequently, after one year when the project as well as the field level staff becomes more comfortable with IT, training programs. By the end of the 2nd year of implementation it will be appropriate to start the use e-procurement in an appropriately phased manner.

The key issues and risks concerning procurement for implementation of the project have been identified the corrective measures which have been agreed are given below:

Sl#	Procurement Risks/Issues	Corrective measures
1	Lack of experience amongst field staff in procurement for world bank projects	Additional Training on WB procurement procedures is required to ensure that adequate trained staff of EE and SE level are present in all field offices of UPID and other Implementing Agencies.
2	Preparation of proposal and Bid documents and evaluations will be effected if Trained procurement staff are not deployed.	Early involvement of Trained procurement staff in Preparation of proposal and Bid documents and evaluation of bids and proposals.
3	evaluation of consultancy procurement will get delayed	Technical evaluation committees have to be set up at all field offices involved and consultancies before issuing RFPs.
4	Lack of dedicated procurement staff of project in field offices and in DoA	Dedicated project staff is to be ensured at the project field offices and a Procurement Officer is to be deployed at the DoA

C. Procurement Plan

The Borrower, at appraisal, developed a procurement plan for the first 18 months period of the project implementation which provides the basis for the procurement methods. This plan has been agreed between the Borrower and the Project Team. It will also be available in the project's database and in the Bank's external website. The Procurement Plan will be updated in agreement with the Project Team annually or as required to reflect the actual project implementation needs and improvements in institutional capacity.

D. Frequency of Procurement Supervision

In addition to the prior review supervision to be carried out from Bank offices, the capacity assessment of the Implementing Agency has recommended biannual supervision missions annual post review of procurement actions.

Methods of Procurement: The following methods of procurement shall be used for procurement under the project.

Category	Method of Procurement	Threshold (US\$ Equivalent)	Threshold for prior review by the Bank
Works	ICB	=or >10.00 million	10.00 million
	NCB	< 10.00 million or less	First 1 contract
	Shopping	Up to 50,000	
	Force Account / DC	Up to 10,000	
Goods and Non-consultant services	ICB	=or>1,000,000	1,000,000
	NCB	1,000,000 or less	First 1 contract
	Shopping	Up to 50,000	
	DC	As per Para 3.7 of the Bank Guidelines, wherever agreed and with prior agreement with the Bank	10,000
	Procurement under CDD projects	As per Para 3.19 of the Bank Guidelines	
Consultants' Services	CQS	Up to 300,000 per contract	
	SSS	with prior agreement of the Bank	10,000
	Individuals	No limit	100,000
	Use of NGO	As per Para 3.16 of Guidelines	
	QCBS/QBS/FBS/LCS (i) International shortlist (ii) Shortlist may comprise national consultants only	No limit >800,000 Up to 800,000	800,000

NCB Conditions: The following conditions must be met in order for the bidding process under NCB to be acceptable to the Bank

- (a) only the model bidding documents for NCB agreed with the GoI Task Force (and as amended from time to time) shall be used for bidding;
- (b) invitations to bid shall be advertised in at least one widely circulated national daily newspaper, at least 30 days prior to the deadline for the submission of bids;
- (c) no special preference will be accorded to any bidder either for price or for other terms and conditions when competing with foreign bidders, state-owned enterprises, small-scale enterprises or enterprises from any given state;
- (d) except with the prior concurrence of the Bank, there shall be no negotiation of price with the bidders, even with the lowest evaluated bidder;

- (e) For prior review packages extension of bid validity shall not be allowed without the prior concurrence of the Bank for the first request for extension if it is longer than four weeks; and for all subsequent requests for extension irrespective of the period;
- (f) For prior review packages, re-bidding shall not be carried out without the prior concurrence of the Bank. The system of rejecting bids outside a pre-determined margin or “bracket” of prices shall not be used in the project;
- (g) rate contracts entered into by DGS&D will not be acceptable as a substitute for NCB procedures. Such contracts will be acceptable however for any procurement under Shopping procedures; and
- (h) two or three envelope system shall not be used.

Special Procurement Arrangements: There will be retroactive financing for the procurement carried out following Bank Procurement Guidelines for activities included in the project description, as long as the payments do not exceed 20 percent of the credit amount and the payments were made by the borrower not more than 12 months before the expected date of Credit Agreement signing.

Prior review by the Bank for goods: First NCB contract from PACT, UPID and each participating line department / agency and subsequently any contract more than US\$600,000 or equivalent. Any contract more than US\$10,000 or equivalent following direct contracting procedures.

Prior review by the Bank for consultancy services: First consultancy contract from PACT, UPID and each participating line department / agency and subsequently any contract value more than US\$ 500,000 equivalent for firms; and > US\$ 50,000 equivalent for individuals. All Single Source Selections of more than US\$ 10,000. Hiring procurement consultants, inspection agents and legal advisors are subject to prior review, irrespective of the contract value. In case of contract to individuals, the qualifications, experience, terms of reference and terms of employment shall be subject to prior review.

The prior review thresholds mentioned above will be periodically reviewed and revised as needed during the project implementation period based on implementation of risk mitigation measures, reports from procurement post-review and improved capacity of the implementing agency.

Post Review by the Bank: All contracts not covered under prior review will be subject to post review during supervision missions, and/or review by consultants to be appointed by the by Bank.

Procurement Staff: The Procurement would be carried out at the PACT with the support of procurement expert of EE rank, supported by a procurement officer of AE rank. UPID and the other line departments and IAs will identify the procurement staff that will be sent to ASCI/NIFM for procurement training. This training will be repeated for any new procurement staff joined in line departments and IAs and PACT.

Goods, Works, and Non Consulting Services

- (a) List of contract packages to be procured following ICB/NCB and direct contracting:

1	2	3	4	5	6	7
Ref. No.	Contract (Description)	Estimated Cost in Lac Rs.	Procurement Method	Review by Bank (Prior / Post)	Expected Bid-Opening Date	Comments /IA
A.	Goods-					
1	Procurement of Laptop, Colour Printers, Laser Printers, Desktop Computers, plotters including Softwares for UPID	1267.00	ICB	Prior	Apr., 2013	CE,ISO, UPID
2	Procurement of Tablets including software	1,440.00	ICB	Prior	Apr., 2013	CE,ISO, UPID
3	Procurement of AutoCAD software	251.50	NCB	Post	Apr., 2013	CE,ISO, UPID
4	Real time irrigation management & information system for Haidergarh & Jaunpur Branch Canal System of Sarda Sahayak System of Phase-I	1,200.00	ICB	Prior		PACT
5	AMC of 500 nos. DAWALRs of Phase-I for 3 years	70.00	NCB	Post		Respective division of Ph-I
6	Real time irrigation management & information system for LGC & PLGC System of Ramganga Organization of Phase 2	2,000.00	NCB	Post		PACT
	Total	6228.50				
B	Non-Consultancy					
1	Hiring agency for service of Vehicle for PACT	88.00	NCB	Post	Done	PACT
2	Hiring agency for services of Manpower in the field of Computer Operator, I.T., G.I.S., Account & Consultant for PACT	90.00	NCB	Post	Done	PACT
3	Hiring agency for services of Manpower services for housekeeping for PACT	33.00	NCB	Post	Done	PACT
	Total	211.00				
C	Works					
1	Rohini, Sajnam & Jamni Canal System for Civil Works & mechanical Works	15,870.00	ICB	Prior	Apr., 2013	IWC Lalitpur
2	Haidergarh Branch Km. 22.98 to tail for Civil & mechanical works for Singhpur Dy., Innhauna Dy. System	12,109.00	ICB	Prior	Apr., 2013	7th Circle, Lucknow
3	Left over works of supplementary head regulator to the left bank of Haidergarch branch	499.00	NCB	Post	Apr., 2013	SE, WSRP Circle, Raebareli

4	Earthwork for deepening & Widening of PLGC as per final Theoretical Lined Canal (8900 cusec capacity)	14,466.00	ICB	Prior	Apr., 2013	SE, IWC, Aligarh
	Total	42,944.00				
	Grand Total	49,383.50				

Consulting Services

(a) List of consulting assignments to be procured through QCBS.

1	2	3	4	5	6	7
Ref No.	Description of Assignment	Estimated cost in Lac Rs.	Estimated cost in Million USD	Review by Bank (Prior/ Post)	Expected Proposals Submission Date	Implementing Agency
	Consultancy					
1	Development of River Basin Assessments and Plans for All Major River Basins in Uttar Pradesh	1,000.00	1.82	Prior	May, 2013	SWaRA
2	Development of a Flood Forecast and Inundation Mapping Model for Rapti River Basin in Uttar Pradesh State	200.00	0.36	Post	May, 2013	SWaRA
3	Conducting close contours topographic survey of immediate flood plain zone along Rapti river system and River cross section and embankment assets survey in Rapti basin	1,150.00	2.09	Prior	July, 2013	SWaRA
4	Implementation of a Real Time Data Acquisition System (RTDAS) for Rapti River Basin	500.00	0.91	Prior	July, 2013	SWaRA
5	Designing, developing and deploying embankment assets management system for Rapti Basin	100.00	0.18	Post	July, 2013	SWaRA
6	Assessment of Impact of climate change on water resources of the State	100.00	0.18	Post	July, 2013	SWaRA
7	Design, development and Implementation of Ground Water Information System	566.00	1.03	Prior	May, 2013	GW Deptt, UP
8	Aquifer mapping and preparing of aquifer management plan and functional recharge plan	162.00	0.29	Prior	July, 2013	GW Deptt, UP

9	Survey & Design Consultancy for Lower Ganga Canal System (Package- A, B, C)	5,500.00	10.00	Prior	Apr., 2013	CE, Ramganga, UPID
10	Technical Assistance for Agriculture Component	1,100.00	2.00	Prior	May, 2013	Agriculture Dept. UP
11	Consultancy for Service Provider	4,000.00	7.27	Post	July, 2013	Agriculture Dept. UP
12	Consultancy for Financial Management System for PACT- Hiring services of Chartered Accountant firm for Management Audit	10.00	0.02	Post	July, 2013	PACT
13	Consultancy for Monitoring, Management Information System & Evaluation of UPWSRP Phase-II	1,493.00	2.71	Prior	Apr., 2013	PACT
14	Third Party Supervision Consultancy for Civil Works	2,300.00	4.18	Prior	July, 2013	UPID
15	Hiring services of 15 nos. NGOs	3,200.00	5.82	Prior	July, 2013	UPID
	Total	21,381.00	38.87			

(b) Consultancy services estimated to cost above \$800,000 per contract and single source selection of consultants (firms) for assignments estimated to cost above \$ 10,000 will be subject to prior review by the Bank.

(c) Short lists composed entirely of national consultants: Short lists of consultants for services estimated to cost less than \$ 800,000 equivalent per contract may be composed entirely of national consultants in accordance with the provisions of paragraph 2.7 of the Consultant Guidelines.

PROCUREMENT PLAN India : IN Uttar Pradesh Water Sector Restructuring Project Phase 2

General Information
Country: India **Bank's Approval Date of the Original Procurement Plan:** 2017-07-28
Revised Plan Date(s): (comma delimited, leave blank if not) 2019-01-24
Project ID: P122770 **GFN Date:**
Project Name: IN Uttar Pradesh Water Sector Restructuring Project Phase 2
Loan / Credit No: IDA / 52980
Executing Agency(ies): PACT, Irrigation and Water Resources Department, Government of Uttar Pradesh

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
WBR 25-4CB 01SE/12h Circle IWC/Haide / Rehabilitation and Modernization of Haidergarh Branch Canal System	IDA / 52980		Prior	Request for Bids	Open - International	Single Stage - One Envelope		22,012,677.87	Signed																			
01SE/1WCFK/2014-15 / Electrical and Mechanical Works for Renovation and Automation of Narora Barrage	IDA / 52980		Prior	Request for Bids	Open - National	Single Stage - One Envelope		4,266,163.56	Signed																			
03ICBSE/TWCA/2014-15/1 / Cement Concrete Lining using Paver Machine in Parallel Lower Ganga Canal (PLGC) - Lot 1	IDA / 52980		Prior	Request for Bids	Open - International	Single Stage - One Envelope		13,818,473.87	Signed																			
03ICBSE/TWCA/2014-15/2 / Cement Concrete Lining using Paver Machine in Parallel Lower Ganga Canal (PLGC) - Lot 2	IDA / 52980		Prior	Request for Bids	Open - International	Single Stage - One Envelope		16,861,461.03	Signed																			
03ICBSE/TWCA/2014-15/3 / Cement Concrete Lining using Paver Machine in Parallel Lower Ganga Canal (PLGC) - Lot 3	IDA / 52980		Prior	Request for Bids	Open - International	Single Stage - One Envelope		17,039,985.60	Signed																			
03ICBSE/TWCA/2014-15/4 / Cement Concrete Lining using Paver Machine in Parallel Lower Ganga Canal (PLGC) - Lot 4	IDA / 52980		Prior	Request for Bids	Open - International	Single Stage - One Envelope		25,009,956.91	Signed																			
03ICBSE/TWCA/2014-15/7 / Cement Concrete Lining using Paver Machine in Parallel Lower Ganga Canal (PLGC) - Lot 7	IDA / 52980		Prior	Request for Bids	Open - International	Single Stage - One Envelope		11,050,213.40	Signed																			
03ICBSE/TWCA/2014-15/8 / Cement Concrete Lining using Paver Machine in Parallel Lower Ganga Canal (PLGC) - Lot 8	IDA / 52980		Prior	Request for Bids	Open - International	Single Stage - One Envelope		15,566,340.96	Signed																			

