

## Procurement Plan

### I. General

#### 1. Project Information

Country : India  
 Borrower : Government of India  
 Project Name : National Hydrology Project  
 Loan Credit No. :

2. Bank's Approval Date of the Procurement Plan :

3. Date of General Procurement Notice :

4. Period Covered by this procurement plan : 18 months

### II. Goods, Works, and Non-Consulting Services

**Thresholds for Method of Procurement for procurement of goods, works and non-consulting services**

#### Procurement of Goods, Information technology and non consultancy services:

Method of Procurement	Thresholds for Methods
International Competitive Bidding (ICB)	> US Dollars 3 million
Limited Competitive Bidding (LIB)	Must meet the requirements as per Para 3.2 of the Procurement Guidelines, and with prior agreement in PP with the Bank
National Competitive Bidding (NCB)	> USD 100,000 and up to USD 3 million
Shopping	Up to USD 100,000 (INR 6.5 m)
Direct	Must meet the requirements as per Para 3.7 of the Procurement Guidelines, and with prior agreement in PP with the Bank
Framework Agreement	Must meet the requirements as per Para 3.6 of the Procurement Guidelines, and with prior agreement in PP with the Bank

#### Procurement of Works:

Method of Procurement	Thresholds for Methods
International Competitive Bidding (ICB)	> US Dollars 40 million
National Competitive Bidding (NCB)	> USD 100,000 and up to USD 40 million
Comparison of three quotations / Shopping	Up to USD 100,000 (INR 6.5 m)
Force Account	Must meet the requirements as per Para 3.9 of the Procurement Guidelines, and with prior agreement in PP with the Bank



**Prior Review Thresholds:** The following would be subject to Prior review of the Bank regardless of the Method of selection:

- (a) **Works:** First procurement under the project irrespective of value and all procurements estimated to cost more than USD 10 million
- (b) **Goods:** First procurement under the project irrespective of value and all procurements estimated to cost more than USD 2 million; and

***The Prior Review Thresholds will be reviewed and updated during the implementation of the project, and modified based on the risk assessment.***

1. **In the case of contracts subject to prior review,** Project Implementing Entity shall seek the Bank's no objection **before granting/agreeing to** (a) an extension of the stipulated time for performance of a contract that either increases the contract price or has an impact on the planned completion of the project; (b) any substantial modification of the scope of works, goods, non-consulting services or consulting services, other significant changes to the terms and conditions of such that the contract;; (c) any variation order or amendment (except in cases of extreme urgency) which singly or combined with all variation orders or amendments previously issued, increase the original contract amount by more than 15 percent; or (d) the proposed termination of the contract..

A copy of all amendments to the contract shall be furnished to the Bank for its record.

## **2. Prequalification**

Not Applicable

**Domestic Preference:** The provision of domestic preference is applicable in the evaluation of Goods only.

## **3. Reference to Procurement Manual**

The procurement manual for the project is presently under preparation. SBDs agreed between the Project and Bank will be used for all works, goods, and non consultancy procurements.

## **4. Any Other Special Procurement Arrangements**

The National bidding method for procurement and goods and works according to the above value thresholds will be conducted in accordance with paragraphs 3.3 and 3.4 of the Bank's Procurement Guidelines and the following provisions:

- (a) Only the model bidding documents for NCB agreed with the GOI task force (and as amended for time to time) shall be used for bidding.

- (b) Invitations to bid shall be advertised in at least one widely circulated national daily newspaper (or on a widely used website or electronic portal with free national and international access along with an abridged version of the said advertisement published in a widely circulated national daily, among others, giving the website/electronic portal details from which the details of the invitation to bid can be downloaded) at least 30 days before the deadline for the submission of bids.
  - (c) No special preferences 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) Extension of bid validity shall not be allowed with reference to contracts subject to Bank prior review without the prior concurrence of the Bank (i) for the first request for extension if it is longer than four weeks and (ii) for all subsequent requests for extension irrespective of the period (such concurrence will be considered by the Bank only in cases of force majeure and circumstances beyond the control of the purchaser/employer).
  - (e) Rebidding shall not be carried out with reference to contracts subject to Bank prior review without the prior concurrence of the Bank. The system of rejecting bids outside a predetermined margin or 'bracket' of prices shall not be used in the project.
  - (f) Rate contracts entered into by the DGS&D will not be acceptable as a substitute for NCB procedures unless incorporation of right to audit and fraud corruption clauses. DGS&D contracts will be acceptable, however, for any procurement under the shopping procedures.
  - (g) Two or three envelope system will not be used (except when using the e-procurement system assessed and agreed by the Bank).
  - (h) No negotiations are conducted even with the lowest evaluated responsive bidders.
5. The bid evaluation will be carried out according to the agreed timeline in the Procurement Activity Schedule.

### III. Selection of Consultants

#### 1. Methods and Prior Review Threshold

##### Procurement methods of procurement of Consultants' Services (Firms)

Method of Procurement	Thresholds for Methods
Quality and Cost Based Selection (QCBS)	

Quality Based Selection (QBS)	Must meet the requirements as per Para 3..2 to 3.4 of the Consultant Guidelines
Selection based on a Fixed Budget (FBS)	Must meet the requirements as per Para 3.5 of the Consultant Guidelines,
Selection Based on Least Cost Basis (LCS)	Must meet the requirements as per Para 3.6 of the Consultant Guidelines,
Selection based on Consultant's Qualification (CQ)	Estimated not to exceed USD 300,000, and must meet the requirements as per Para 3.7 of the Consultant Guidelines.
Single Source Selection (SSS)	Must meet the requirements as per Para 3.8 to 3.11 of the Consultant Guidelines, and with prior agreement in PP with the Bank.

#### Procurement methods for Selection of Individual Consultants (IC)

Method of Procurement	Thresholds for Methods
Competitive Selection	Must meet the requirements of Section V, Para 5.1 to 5.5 of the Consultant Guidelines.
Single Source Selection (SSS)	Must meet the requirements of Section V, Para 5.6 of the Consultant Guidelines and with prior agreement in PP with the Bank

**\*Shall meet the requirements as stated in Consultant Guidelines**

#### Prior Review Thresholds:

- (a). **Consulting Firm:** First procurement under the project irrespective of value and all procurements estimated to cost more than USD 1 million.
- (b). **Individual Consultant:** all procurements estimated to cost more than USD 0.3 million

Terms of Reference (ToR) for all consultant contracts shall be furnished to the Bank for its prior review and No Objection.

**Note: The Prior Review Thresholds will be reviewed during the implementation of the project and modified.**

1. In the case of contracts subject to prior review, before agreeing to: (a) an extension of the stipulated time for performance of a contract; (b) any substantial modification of the scope of services, substitutions of key experts, or other significant changes to the terms and conditions of the contract; or (c) the proposed termination of the contract, the Borrower shall seek the Bank's no objection. A copy of all amendments to the contract shall be furnished to the Bank for its record.

2. Short List comprising entirely of national consultants: Short list of consultants for services, estimated to cost less than USD 800,000 equivalent per contract, may comprise entirely of national consultants in accordance with the provisions of paragraph 2.7 of the Consultant Guidelines.
3. The Request for Expression of Interest for consultancy services estimated to cost above USD 300,000 equivalent per contract for firms shall be advertised in UNDB online and World Bank external Website and in accordance with other provisions of Para 2.5 of the Consultant Guidelines
4. **Any other Special Selection Arrangements:** [including advance procurement and retroactive financing, if applicable]

## I. Implementing Agency Capacity Building Activities with Time Schedule

No	Expected Outcome/Activity Description	Estimated Duration	Date
1.	ASCI training on Procurement Procedures arranged for Executive, Assistant Engineers who are responsible for Procurement - multiple trainings	2 weeks	Continuous
2.	Contract management training - multiple trainings	2 weeks	Continuous
3.	Customized training on Procurement Procedures arranged for Executive, Assistant Engineers who are responsible for Procurement - multiple trainings	1 week	Continuous

**PROCUREMENT PLAN** India : National Hydrology Project

**General Information**  
 Country: India Bank's Approval Date of the Original Procurement Plan: 2017-10-04  
 Revised Plan Date(s): (comma delineated, leave blank if non 2021-02-23  
 Project ID: P152698 GPN Date:  
 Project Name: National Hydrology Project  
 Loan / Credit No: IBRD / 87250  
 Executing Agency(ies) West Bengal Ground Water

Activity Reference No. / Description	Loan / Credit No.	Component	Review Type	Method	Market Approach	Procurement Process	Prequalification (Y/N)	High SEA/SH Risk	Procurement Document Type	Estimated Amount (US\$)	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						
IN-WEST BENGAL CW-37311-CW-RFQ / DRILLING AND INSTALLATION OF 18 NEW NESTED (3 WELLS PER NEST) CW MONITORING WELLS IN THREE MULTI-LAYERED AQUIFERS AND CONSTRUCTION OF 18 PROTECTION WORKS FOR DWLR IN NINE COASTAL BLOCKS OF PURBA MIDNAPUR DISTRICT, WEST BENGAL	IBRD / 87250	Water Resources Monitoring System	Post	Request for Quotations	Open - National	Single Stage - One Envelope				94,166.33	88,825.94	Under Implementation																	2017-11-27	2017-12-25	2018-01-09			
IN-WEST BENGAL CW-37305-CW-RFQ / CONSTRUCTION OF 25 NOS. PROTECTION WORKS FOR DWLR AT 25 NOS. EXISTING GROUNDWATER MONITORING WELLS IN WEST BENGAL	IBRD / 87250	Water Resources Monitoring System	Post	Request for Quotations	Open - National	Single Stage - One Envelope				9,822.18	8,945.09	Completed																		2017-12-17	2018-01-14	2018-02-28		
NHP-2018-2019-WBGW-447564 / Interior Works in GW Hydrology Training Centre (GWHTC)	IBRD / 87250	Institutional Capacity Enhancement	Post	Request for Quotations	Open - National	Single Stage - One Envelope				7,692.31	10,931.03	Signed																			2018-09-06	2018-11-01	2019-01-18	
NHP-2018-2019-WBGW-457978 / Interior Works for State CW Informatics Centre (SCWIC)	IBRD / 87250	Institutional Capacity Enhancement	Post	Request for Quotations	Limited	Single Stage - One Envelope				23,076.92	0.00	Pending Implementation																			2018-09-06	2018-11-01	2019-04-30	
IN-WEST BENGAL CW-170419-CW-RFB / Drilling and Installation of 100 Nos new Nested (3 nos.) CW Monitoring wells including Protection works in 3-tier multi-aquifer system in coastal areas of the districts of West Bengal.	IBRD / 87250	Water Resources Monitoring System	Post	Request for Bids	Open - National	Single Stage - Two Envelope				2,038,461.54	0.00	Pending Implementation					2020-01-04							2020-02-20							2020-01-09	2020-05-04	2020-06-08	
IN-WEST BENGAL CW-37344-CW-RFQ / Protection Works for 5 Automatic Weather Station (AWS)	IBRD / 87250	Water Resources Monitoring System	Post	Request for Quotations	Open - National	Single Stage - One Envelope				11,551.88	0.00	Canceled																			2017-11-29	2017-12-27	2018-01-11	
IN-WEST BENGAL CW-37300-CW-RFQ / DRILLING AND INSTALLATION OF 20 NOS. GROUNDWATER MONITORING WELLS AND CONSTRUCTION OF 20 NOS. PROTECTION WORKS FOR DWLR TELEMETRY SYSTEM IN WEATHERED ZONE OF HARD ROCK AREAS OF PURULIA DISTRICT, WEST BENGAL	IBRD / 87250	Water Resources Monitoring System	Post	Request for Quotations	Open - National	Single Stage - One Envelope				18,376.73	0.00	Canceled																			2017-12-17	2018-01-10	2018-02-24	
IN-WEST BENGAL CW-37349-CW-RFQ / Protection Works for 5 Automatic Rain-gauge Station (ARS)	IBRD / 87250	Water Resources Monitoring System	Post	Request for Quotations	Open - National	Single Stage - One Envelope				5,390.88	0.00	Canceled																				2017-11-28	2017-12-26	2018-01-10
NHP-2018-2019-WBGW-404813 / Construction of Nested (3 nos.) CW Monitoring wells including Protection works in 3-tier multi-aquifer system of coastal area	IBRD / 87250	Water Resources Monitoring System	Post	Request for Bids	Open - National	Single Stage - Two Envelope				849,230.77	0.00	Canceled					2018-09-02	2017-12-18	2018-09-07					2018-10-19								2018-09-02	2019-01-01	2019-02-05
NHP-2018-2019-WBGW-229468 / Construction of CW Monitoring Wells including Protection works in weathered zone of hard rock area	IBRD / 87250	Water Resources Monitoring System	Post	Request for Bids	Open - National	Single Stage - Two Envelope				267,692.31	0.00	Canceled					2018-09-02							2018-10-19								2018-09-02	2019-01-01	2019-02-05
IN-WEST BENGAL CW-37354-CW-RFB / Protection Works for 5 Automatic Water Level recorder (AWLR) & Velocity Sensor (VS)	IBRD / 87250	Water Resources Monitoring System	Post	Request for Bids	Open - National	Single Stage - Two Envelope				6,161.00	0.00	Canceled					2017-11-24							2017-12-06								2017-11-24	2017-12-27	2018-01-10
NHP-2020-2021-WBGW-334310 / Drilling and Installation of 42 Nos new Nested (3 nos.) CW Monitoring wells including Protection works in 3-tier multi-aquifer system of coastal areas in Purba Midnapore, Howrah, North 24 Parganas districts.	IBRD / 87250	Water Resources Monitoring System	Post	Request for Bids	Open - National	Single Stage - Two Envelope				856,923.08	0.00	Under Implementation					2020-10-16	2020-11-05	2020-10-21					2020-12-02								2020-10-16	2021-02-14	2021-03-21







										Planned	Actual	Planned	Actual	Planned	Actual	Planned	Actual	Planned	Actual	Planned	Actual	Planned	Actual	Planned	Actual		
NHP-2018-2019-WBCW-494325 / Web Hosting for NHP_WBCW	IBRD / 87250	Water Resources Information Systems	Post	Request for Quotations	Open - National	Single Stage - One Envelope		15,384.62	0.00	Pending Implementation						2018-09-06									2018-11-01		2019-04-30

CONSULTING FIRMS																											
Activity Reference No. / Description	Loan / Credit No.	Component	Review Type	Method	Market Approach	Contract Type	Estimated Amount (US\$)	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
NHP-2018-2019-WBCW-833494 / Public Alert: Block Level CW Availability	IBRD / 87250	Water Resources Operations and Planning System	Post	Consultant Qualification Selection	Open - National		7,692.31	6,768.51	Signed	2018-09-01	2018-10-10	2018-09-22	2018-11-05	2018-10-31									2018-12-05	2018-10-31	2019-01-09	2018-12-26	2019-07-08
NHP-2018-2019-WBCW-568037 / Aquifer Assessment & Budgeting	IBRD / 87250	Water Resources Operations and Planning System	Post	Consultant Qualification Selection	Open - National		23,076.92	0.00	Canceled	2018-09-01		2018-09-22		2018-11-05									2018-12-05		2019-01-09		2019-07-08
NHP-2018-2019-WBCW-752894 / DSS Development for Integrated CW Management in Minor Irrigation	IBRD / 87250	Water Resources Operations and Planning System	Post	Consultant Qualification Selection	Open - National		30,769.23	0.00	Canceled	2018-09-01		2018-09-22		2018-11-05									2018-12-05		2019-01-09		2019-07-08
NHP-2018-2019-WBCW-250911 / Establishment of State CW Resources Information System i.e. WL_CWRIS	IBRD / 87250	Water Resources Information Systems	Post	Consultant Qualification Selection	Open - National		15,384.62	0.00	Canceled	2018-09-01		2018-09-22		2018-11-05									2018-12-05		2019-01-09		2019-07-08
NHP-2018-2019-WBCW-161732 / Regional GIS based Spatial Information Development	IBRD / 87250	Water Resources Information Systems	Post	Consultant Qualification Selection	Open - National		30,769.23	0.00	Canceled	2018-09-01		2018-09-22		2018-11-05									2018-12-05		2019-01-09		2019-07-08
IN-WEST BENGAL CW-32653-CS-QCRS / Web Hosting for NHP_WBCW	IBRD / 87250	Water Resources Information Systems	Post	Quality And Cost-Based Selection	Open - National		7,599.27	0.00	Canceled	2017-10-26	2017-11-13	2017-11-02		2017-11-14					2017-11-21		2017-11-28		2017-12-12		2017-12-18		2018-01-17

INDIVIDUAL CONSULTANTS																			
Activity Reference No. / Description	Loan / Credit No.	Component	Review Type	Method	Market Approach	Contract Type	Estimated Amount (US\$)	Actual Amount (US\$)	Process Status	Terms of Reference		Invitation to Identified/Selected Consultant		Draft Negotiated Contract		Signed Contract		Contract Completion	
										Planned	Actual	Planned	Actual	Planned	Actual	Planned	Actual	Planned	Actual
NHP-2020-2021-WBCW-665620 / Community managed water resource monitoring system for surface schemes	IBRD / 87250	Water Resources Monitoring System	Post	Direct Selection	Direct		69,230.77	0.00	Pending Implementation	2021-03-31		2021-04-10					2021-06-14		2021-12-11
NHP-2020-2021-WBCW-508339 / Integration of digital augmentation for sustainable Agroecosystem in western lateritic Zone	IBRD / 87250	Water Resources Monitoring System	Post	Direct Selection	Direct		307,692.31	0.00	Pending Implementation	2021-03-31		2021-04-10					2021-06-14		2021-12-11
NHP-2020-2021-WBCW-741363 / Aquifer monitoring system in coastal regions	IBRD / 87250	Water Resources Monitoring System	Post	Direct Selection	Direct		153,846.15	0.00	Pending Implementation	2021-03-31		2021-04-10					2021-06-14		2021-12-11