

## Appendix to Annex 3

### 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)**

<b>Method of Procurement</b>	<b>Thresholds for Methods</b>
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)**

<b>Method of Procurement</b>	<b>Thresholds for Methods</b>
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**

<b>No</b>	<b>Expected Outcome/Activity Description</b>	<b>Estimated Duration</b>	<b>Date</b>
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: 2017-11-03  
 Project ID: P152698 Revised Plan Date(s): (comma delineated, leave blank if non 2022-02-23  
 Project Name: National Hydrology Project GPN Date: 2021-06-24  
 Loan / Credit No: IBRD / 87250  
 Executing Agency(ies) Telangana 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-TELANGANA CW-23242-CW-RFB / (i) Protection works (130) for piezometers drilled under HP-II in Southern Telangana Region and (ii) Rejuvenation of existing piezometers (86) for effective water level measurements in piezometers constructed during HP I & II.	IBRD / 87250	Water Resources Monitoring System	Post	Request for Quotations	Limited	Single Stage - One Envelope				90,770.00	0.00	Canceled							2017-10-02	2017-12-24							2017-11-26	2018-02-24	
IN-TELANGANA CW-23262-CW-RFQ / Civil Works for Purpose Driven Studies	IBRD / 87250	Water Resources Monitoring System	Post	Request for Quotations	Limited	Single Stage - One Envelope				7,692.00	0.00	Canceled							2018-02-05								2018-03-19	2018-05-18	
IN-TELANGANA CW-24093-CW-RFQ / (i) Protection works (98) for Piezometers drilled under HP-II covering Cluster of Eastern Telangana and (ii) Rejuvenation of existing piezometers (205) for effective water level measurements in piezometers constructed during HP I & II.	IBRD / 87250	Water Resources Monitoring System	Post	Request for Quotations	Limited	Single Stage - One Envelope				91,850.00	0.00	Canceled							2017-09-30	2017-12-24							2017-11-25	2018-02-23	
IN-TELANGANA CW-24096-CW-RFQ / (i) Protection works (70) for Piezometers drilled under HP-II covering Cluster of Northern Telangana and (ii) Rejuvenation of existing piezometers (135) for effective water level measurements in piezometers constructed during HP I & II.	IBRD / 87250	Water Resources Monitoring System	Post	Request for Quotations	Limited	Single Stage - One Envelope				67,550.00	0.00	Canceled							2017-09-30	2017-12-24							2017-11-25	2018-02-23	
NHP-2018-2019-TSCW-339383 / Protection works to Piezometers of less than 50 m drilled under HP-II in Southern Region	IBRD / 87250	Water Resources Monitoring System	Post	Request for Quotations	Open - National	Single Stage - One Envelope				78,461.54	70,266.09	Completed							2018-09-15								2018-11-10	2019-06-27	2018-01-09
NHP-2018-2019-TSCW-946551 / Protection works to Piezometers of less than 50 m drilled under HP-II in Northern Region	IBRD / 87250	Water Resources Monitoring System	Post	Request for Quotations	Open - National	Single Stage - One Envelope				53,846.15	50,521.90	Completed							2018-09-16								2018-11-11	2019-06-27	2019-01-10
NHP-2018-2019-TSCW-834014 / Protection works to Piezometers less than 50m drilled under HP-II in Eastern Telangana Region	IBRD / 87250	Water Resources Monitoring System	Post	Request for Quotations	Open - National	Single Stage - One Envelope				52,307.69	49,778.55	Completed							2018-09-17								2018-11-12	2020-01-06	2019-01-11
NHP-2018-2019-TSCW-564746 / Rejuvenation of Existing PZ for effective water level monitoring	IBRD / 87250	Water Resources Monitoring System	Post	Request for Quotations	Open - National	Single Stage - One Envelope				84,615.38	73,712.51	Completed							2018-09-29								2018-11-24	2019-06-22	2019-01-23
NHP-2018-2019-TSCW-721719 / Civil works for Purpose Driven Studies (Yr1)	IBRD / 87250	Water Resources Monitoring System	Post	Request for Quotations	Open - National	Single Stage - One Envelope				38,461.54	0.00	Pending Implementation							2018-10-15								2018-12-10	2019-06-08	
IN-TELANGANA CW-88377-CW-RFB / Construction of PZs with Protection works to improve CW Monitoring Network in the state Piezometers (Medium 50-100m). (To have 3 PZs in each CW assessment unit)	IBRD / 87250	Water Resources Monitoring System	Post	Request for Bids	Open - National	Single Stage - Two Envelope				1,230,769.00	0.00	Pending Implementation				2019-01-21			2019-01-26				2019-03-09				2019-05-22	2019-06-26	2019-12-23
NHP-2018-2019-TSCW-424982 / Construction of Piezometers (50-100 m) with Protection works to improve CW Monitoring Network in the state. (To have 3 PZs in each CW assessment unit)	IBRD / 87250	Water Resources Monitoring System	Post	Request for Bids	Open - National	Single Stage - Two Envelope				1,230,769.00	0.00	Under Implementation				2019-05-15	2020-02-24	2019-05-20					2019-07-01				2019-09-13	2019-10-18	2020-04-15
NHP-2018-2019-TSCW-903276 / Upgradation of State Data Centre at HD & Exhibition Centre	IBRD / 87250	Water Resources Monitoring System	Post	Request for Bids	Open - National	Single Stage - Two Envelope				230,769.23	0.00	Pending Implementation				2020-10-08			2020-10-13				2020-11-24				2021-02-06	2021-03-13	2021-09-09
NHP-2020-2021-TSCW-165651 / Construction of 308 nos Piezometers (Borewells-Lot.IA & Lot.IB) with Protection Works in Southern Telangana Region	IBRD / 87250	Water Resources Monitoring System	Post	Request for Bids	Open - National	Single Stage - Two Envelope				566,629.66	0.00	Pending Implementation				2021-03-01			2021-03-06				2021-04-05				2021-05-10	2021-06-05	2021-12-02











IN-TELANGANA CW-23248-CS-QCBS / Consultancy Services for Study to delineate basin wise subsurface geometry in 3D using existing data and evaluation of aquifer characteristics in Telangana region to develop comprehensive ground water Atlas	IBRD / 87250	Water Resources Operations and Planning System	Post	Quality And Cost-Based Selection	Open - National		738,460.00	0.00	Canceled	2018-01-18	2018-02-08	2018-03-24	2018-04-21	2018-05-21	2018-06-25	2018-07-30	2021-07-29
NHP-2018-2019-TSCW-995210 / Comprehensive Planning for Interiors and Architecture for DDCs, SDC and Training cum Information Centres	IBRD / 87250	Water Resources Monitoring System	Post	Consultant Qualification Selection	Open - National		31,538.46	0.00	Pending Implementation	2018-07-23	2018-08-13	2018-09-26			2018-10-26	2018-11-30	2019-01-14
NHP-2021-2022-TSCW-823990 / Aquifer performance tests	IBRD / 87250	Water Resources Monitoring System	Post	Quality And Cost-Based Selection	Open - National		230,769.23	0.00	Pending Implementation	2021-06-15	2021-07-06	2021-08-19		2021-09-16	2021-10-16	2021-12-20	2022-12-25

**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
IN-TELANGANA CW-36922-CS-CDS / Hiring technical and financial experts	IBRD / 87250	Institutional Capacity Enhancement	Post	Individual Consultant Selection	Limited		11,538.00	0.00	Canceled	2017-12-15		2017-12-20		2017-12-27		2018-01-10		2018-05-10	
IN-TELANGANA CW-36911-CS-CDS / Procurement of Services for Comprehensive Planning for Interiors and Architecture for DDCs, SDC and Training cum Information Centres	IBRD / 87250	Water Resources Monitoring System	Post	Individual Consultant Selection	Limited		31,500.00	0.00	Canceled	2018-01-25		2018-01-30		2018-02-06		2018-02-28		2018-06-28	
NHP-2018-2019-TSCW-452849 / Hiring Technical & Financial Experts	IBRD / 87250	Institutional Capacity Enhancement	Post	Individual Consultant Selection	Open		4,615.38	0.00	Pending Implementation	2018-08-23		2018-10-11		2018-11-01		2018-12-06		2019-06-04	
NHP-2018-2019-TSCW-130011 / Consultancy charges for PDS study on Impact of Utilization on Gw Quality & Quantity & its Management in GHMC Area, Hyderabad	IBRD / 87250	Water Resources Operations and Planning System	Post	Direct Selection	Direct		30,769.23	28,118.72	Signed	2018-07-16	2018-12-21	2018-07-26	2019-01-04			2018-09-29	2019-01-18	2019-03-28	
NHP-2018-2019-TSCW-161599 / Consultancy charges for the PDS study on Tanks as Source for regional Groundwater Recharge using Managed Aquifer Storage & Recovery (ASR)	IBRD / 87250	Water Resources Operations and Planning System	Post	Direct Selection	Direct		30,769.23	0.00	Pending Implementation	2018-07-18		2018-07-28				2018-10-01		2019-03-30	
NHP-2018-2019-TSCW-430795 / Hiring financial Experts	IBRD / 87250	Institutional Capacity Enhancement	Post	Individual Consultant Selection	Open		4,615.38	0.00	Pending Implementation	2018-08-23		2018-10-11		2018-11-01		2018-12-06		2019-06-04	
IN-TELANGANA CW-116824-CS-INV / Comprehensive planning for interiors and architecture for DDCs, SDC and Training Cum Information Centre	IBRD / 87250	Water Resources Monitoring System	Post	Individual Consultant Selection	Open		16,155.00	13,088.32	Signed	2019-05-31	2019-07-10	2019-07-05	2019-09-04	2019-07-15		2019-08-05	2019-09-13	2019-10-04	
NHP-2020-2021-TSCW-482254 / HQ standards & Accreditation	IBRD / 87250	Water Resources Information Systems	Post	Individual Consultant Selection	Open		15,384.61	0.00	Pending Implementation	2020-12-29		2021-02-02		2021-02-23		2021-03-30		2021-09-26	
NHP-2021-2022-TSCW-525489 / Hiring of procurement Expert	IBRD / 87250	Institutional Capacity Enhancement	Post	Individual Consultant Selection	Direct		27,692.31	0.00	Pending Implementation	2021-08-16		2021-08-26		2021-09-16		2021-10-21		2022-04-19	
NHP-2021-2022-TSCW-942748 / Comprehensive Planning for Interiors and Architecture for DDCs, SDC and Training cum Information Centres	IBRD / 87250	Water Resources Monitoring System	Post	Individual Consultant Selection	Open		12,307.69	0.00	Pending Implementation	2021-06-21		2021-08-09		2021-08-30		2021-10-04		2022-04-02	
NHP-2018-2019-TSCW-954549 / TOR for Creation and updating of Central Database and uploading of historical data with MIS facility for Realtime data dissemination including web publishing software including development on Single Source Selection method under NHP, TSCWD	IBRD / 87250	Water Resources Information Systems	Post	Direct Selection	Direct		18,500.00	0.00	Pending Implementation	2021-08-08		2021-08-13				2021-09-13		2022-09-08	
NHP-2021-2022-TSCW-723063 / Geo referencing of CW network includes (i) capturing precise coordinates (K_YanZD) of 2886 Observation Wells that are being maintained by CWD by conducting DGPS survey, (ii) creation of Digital Elevation Model (DEM) for entire state of Telangana	IBRD / 87250	Water Resources Information Systems	Post	Direct Selection	Direct		46,153.85	0.00	Pending Implementation	2022-01-24		2022-01-28				2022-02-26		2022-08-25	