

## 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  
 Revised Plan Date(s): (comma delineated, leave blank if non 2021-11-25  
 Project ID: P152698 GPN Date: 2021-06-24  
 Project Name: National Hydrology Project  
 Loan / Credit No: IBRD / 87250  
 Executing Agency(ies) Telengana Surface 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-TELENGANA SW-39866-CW-RFB / Infrastructure Works – Interior Works for State & Regional Data Centers	IBRD / 87250	Water Resources Monitoring System	Post	Request for Bids	Open – National	Single Stage – One Envelope				92,307.69	0.00	Canceled						2017-12-20		2017-12-25					2018-02-05		2018-03-07		2018-04-11	2018-10-08
IN-TELENGANA SW-38228-CW-RFB / Civil Works for Construction of Regional Data Center	IBRD / 87250	Water Resources Monitoring System	Post	Request for Bids	Open – National	Single Stage – One Envelope				115,384.61	0.00	Canceled						2017-12-20		2017-12-25					2018-02-05		2018-03-07		2018-04-11	2018-10-08
NHP-2018-2019-TSSW-547661 / Civil Works for Construction	IBRD / 87250	Water Resources Monitoring System	Post	Request for Bids	Open – National	Single Stage – Two Envelope				384,615.38	0.00	Canceled						2018-12-21		2018-12-26					2019-02-06		2019-04-21		2019-05-26	2019-11-22
NHP-2020-2021-TSSW-355944 / Construction of Regional Data Centre including functional interiors at Kaminagar	IBRD / 87250	Water Resources Monitoring System	Post	Request for Bids	Open – National	Single Stage – Two Envelope				769,230.77	0.00	Pending Implementation						2020-07-23		2020-07-28					2020-09-08		2020-11-21		2020-12-26	2021-06-24

Activity Reference No. / Description	Loan / Credit No.	Component	Review Type	Method	Market Approach	Procurement Process	Prequalification (Y/N)	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-TELENGANA SW-20126-GO-RFQ / Procurement of Survey Instruments like Total Station, Auto Levels and GPS Hand sets	IBRD / 87250	Water Resources Monitoring System	Post	Request for Quotations	Open – National	Single Stage – One Envelope		30,307.00	0.00	Under Implementation								2017-09-06								2017-11-01		2018-04-30	
IN-TELENGANA SW-20131-GO-RFQ / Procurement of office furniture for Central Data center and Regional Data Center	IBRD / 87250	Water Resources Monitoring System	Post	Request for Quotations	Open – National	Single Stage – One Envelope		3,077.00	0.00	Under Implementation								2017-10-08								2017-12-03		2018-06-01	
IN-TELENGANA SW-20161-GO-RFQ / Purchase of Computers with software	IBRD / 87250	Water Resources Monitoring System	Post	Request for Quotations	Open – National	Single Stage – One Envelope		16,984.61	14,495.27	Signed								2017-09-20							2017-11-15	2017-11-22	2018-05-14		
NHP-2018-2019-TSSW-983793 / Bridge outfits	IBRD / 87250	Water Resources Monitoring System	Post	Request for Quotations	Limited	Single Stage – One Envelope		4,615.38	0.00	Under Implementation								2018-10-01							2018-11-26		2019-05-25		
NHP-2018-2019-TSSW-952433 / Current Meter with accessories	IBRD / 87250	Water Resources Monitoring System	Post	Request for Quotations	Limited	Single Stage – One Envelope		22,953.85	0.00	Under Implementation								2018-08-29							2018-10-24		2019-04-22		
NHP-2018-2019-TSSW-997812 / Furnishing Sub Divisional Data centres with Non ITC equipment	IBRD / 87250	Water Resources Monitoring System	Post	Request for Quotations	Limited	Single Stage – One Envelope		15,384.62	0.00	Canceled								2019-01-27							2019-03-24		2019-09-20		
NHP-2018-2019-TSSW-176935 / Furnishing Divisional Data centres with Non ITC equipment	IBRD / 87250	Water Resources Monitoring System	Post	Request for Quotations	Limited	Single Stage – One Envelope		15,384.62	0.00	Canceled								2019-01-27							2019-03-24		2019-09-20		
NHP-2018-2019-TSSW-922045 / Procurement of office furniture for Central Data Center & Regional Data Center	IBRD / 87250	Water Resources Information Systems	Post	Request for Quotations	Limited	Single Stage – One Envelope		23,076.92	0.00	Pending Implementation								2018-12-02							2019-01-27		2019-07-26		
NHP-2018-2019-TSSW-453471 / Furnishing of Data center and Region data center	IBRD / 87250	Water Resources Monitoring System	Post	Request for Quotations	Open – National	Single Stage – One Envelope		15,384.62	0.00	Canceled								2018-12-16							2019-02-10		2019-08-09		
NHP-2018-2019-TSSW-481604 / DAS for Godavari and Krishna in Tsionly Sensors and Telemetry Systems inclusive of respective civil construction) including Data Center requirements	IBRD / 87250	Water Resources Information Systems	Prior	Request for Bids	Open – National	Single Stage – Two Envelope		2,275,738.46	0.00	Canceled			2018-07-31				2018-08-05			2018-09-16				2018-11-29		2019-01-03		2019-07-02	
NHP-2018-2019-TSSW-832499 / Purchase of Software-Antivirus	IBRD / 87250	Water Resources Monitoring System	Post	Request for Quotations	Limited	Single Stage – One Envelope		1,538.46	0.00	Canceled								2018-09-10							2018-11-05		2019-05-04		
NHP-2018-2019-TSSW-431169 / Servers for Hosting Website and Data Services	IBRD / 87250	Water Resources Information Systems	Post	Request for Quotations	Limited	Single Stage – One Envelope		10,769.23	0.00	Canceled								2019-01-27							2019-03-24		2019-09-20		
IN-TELENGANA SW-44737-GO-RFB / Procurement of ADCP	IBRD / 87250	Water Resources Monitoring System	Post	Request for Bids	Open – National	Single Stage – One Envelope		25,000.00	0.00	Canceled				2018-03-05				2018-03-10			2018-04-21			2018-05-21		2018-06-25		2018-12-22	







IN-TELANGANA SW-20164-NC-802 / Digitization of Historical Data	IBRD / 87250	Water Resources Information Systems	Post	Request for Quotations	Open - National	Single Stage - One Envelope		10,769.23	0.00	Canceled						2017-09-17									2017-11-12		2018-05-11
NHP-2018-2019-TSSW-174819 / Digitization of Data / Scanning of Reports	IBRD / 87250	Water Resources Information Systems	Post	Request for Quotations	Limited	Single Stage - One Envelope		22,523.08	0.00	Canceled						2018-11-18									2019-01-13		2019-07-12
NHP-2018-2019-TSSW-815693 / Digitization of Historical data	IBRD / 87250	Water Resources Information Systems	Post	Request for Quotations	Limited	Single Stage - One Envelope		15,384.62	0.00	Canceled						2018-12-16									2019-02-10		2019-08-09
NHP-2020-2021-TSSW-136679 / Reservoir sedimentation studies of major & medium projects in Telangana State	IBRD / 87250	Water Resources Operations and Planning System	Post	Request for Bids	Open - National	Single Stage - Two Envelope		386,153.85	0.00	Pending Implementation					2020-09-09	2020-09-14				2020-10-26				2021-01-08	2021-02-12		2021-08-11

**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	Planned	Actual
NHP-2018-2019-TSSW-277192 / Consultancy services for hosting website	IBRD / 87250	Water Resources Information Systems	Post	Consultant Qualification Selection	Open - National		12,307.69	0.00	Canceled	2019-01-09	2019-01-30	2019-03-15													2019-04-14	2019-05-19	2019-11-15		
IN-TELANGANA SW-25088-CS-COS / Development of Videos	IBRD / 87250	Water Resources Information Systems	Post	Consultant Qualification Selection	Open - National		4,569.23	0.00	Canceled	2018-01-27	2018-02-17	2018-04-02													2018-05-02	2018-06-06	2018-12-03		
IN-TELANGANA SW-24402-CS-COS / Website Development & Hosting	IBRD / 87250	Water Resources Information Systems	Post	Consultant Qualification Selection	Open - National		21,753.84	0.00	Canceled	2017-11-20	2017-12-11	2018-01-24													2018-02-23	2018-03-30	2018-09-26		
IN-TELANGANA SW-24426-CS-DECS / IIRM for Godavari & Krishna Basin by developing River basin modeling (including supply of Hardware and Software), Development of Data Ware Housing and Data Mining of Hydrological data and Development	IBRD / 87250	Water Resources Operations and Planning System	Post	Quality And Cost-Based Selection	Open - National		100,000.00	0.00	Canceled	2018-01-10	2018-01-31	2018-03-16			2018-04-13				2018-05-13					2018-06-17	2018-07-22	2019-07-22			
IN-TELANGANA SW-25078-CS-COS / Preparation of Master Plan of river basins on GIS Platform including supply of Hardware and software	IBRD / 87250	Water Resources Operations and Planning System	Post	Consultant Qualification Selection	Open - National		30,769.23	0.00	Canceled	2017-11-16	2017-12-07	2018-01-20													2018-02-19	2018-03-26	2018-09-22		
NHP-2018-2019-TSSW-290829 / Development of Mobile Applications	IBRD / 87250	Water Resources Information Systems	Post	Consultant Qualification Selection	Open - National		13,846.15	0.00	Canceled	2019-01-22	2019-02-12	2019-03-28													2019-04-27	2019-06-01	2019-11-28		
NHP-2018-2019-TSSW-286528 / Consultancy for design, architecture etc/for Main data center office and Regional data center	IBRD / 87250	Water Resources Monitoring System	Post	Consultant Qualification Selection	Open - National		35,384.62	0.00	Canceled	2018-11-02	2018-11-23	2019-01-06													2019-02-05	2019-03-12	2019-09-08		

**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 SW-25085-CS-INDV / Study on Irrigation Planning of one major command integrating tanks in the command, conjunctive use of ground water and surface water	IBRD / 87250	Water Resources Operations and Planning System	Post	Individual Consultant Selection	Open		7,692.30	0.00	Canceled	2017-11-18	2018-01-06	2018-01-27			2018-03-03					2018-08-30
IN-TELANGANA SW-25075-CS-INDV / Impact Studies of watersheds on water availability in basins(including supply of the instrumentation ,Hardware and software)	IBRD / 87250	Water Resources Operations and Planning System	Post	Individual Consultant Selection	Open		30,769.23	0.00	Canceled	2017-12-19	2018-02-06	2018-02-27			2018-04-03					2018-09-30
IN-TELANGANA SW-25080-CS-INDV / Study of water resources in catchment of the cascade of tanks and its impact on individual tanks	IBRD / 87250	Water Resources Operations and Planning System	Post	Individual Consultant Selection	Open		46,153.84	0.00	Canceled	2018-01-22	2018-03-12	2018-04-02			2018-05-07					2018-11-03
NHP-2019-2020-TSSW-688204 / Technical Support for WQ lab Level 1	IBRD / 87250	Water Resources Monitoring System	Post	Individual Consultant Selection	Open		6,415.38	0.00	Canceled	2019-05-20	2019-07-08	2019-07-29			2019-09-02					2020-02-29
NHP-2019-2020-TSSW-252380 / Consultancy Services for Developing Website	IBRD / 87250	Water Resources Information Systems	Post	Individual Consultant Selection	Open		15,384.62	0.00	Canceled	2019-11-20	2020-01-08	2020-01-29			2020-03-04					2020-08-31
NHP-2018-2019-TSSW-286528 - 8 / Selection of Individual Consultant for Construction of Regional Data Center at Karimnagar	IBRD / 87250	Water Resources Monitoring System	Post	Individual Consultant Selection	Open		35,384.62	0.00	Pending Implementation	2021-03-03	2021-04-21	2021-05-12			2021-06-16					2021-12-13