

## 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: 2017-11-24  
 Project ID: P152698 Revised Plan Date(s): (comma delineated, leave blank if non 2022-02-21  
 Project Name: National Hydrology Project GPN Date: 2021-06-24  
 Loan / Credit No: IBRD / 87250  
 Executing Agency(ies) Chhattisgarh 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-CHHATTISGARH SW-29222-CW-RFQ / Renovation of Sub divisional Data Center & office building 2 nos.	IBRD / 87250	Water Resources Monitoring System	Post	Request for Quotations	Limited	Single Stage - One Envelope				32,307.69	0.00	Under Implementation							2017-11-11	2018-07-11							2018-01-06	2018-07-05	
NHP-2018-2019-CCSW-417385-CW-SH-QU / Renovation of state Data Centre	IBRD / 87250	Water Resources Monitoring System	Post	Request for Quotations	Limited	Single Stage - One Envelope				30,769.23	0.00	Under Implementation							2018-09-15	2018-12-29							2018-11-10	2019-05-09	
NHP-2019-2020-CC-851714 / Renovation of State data Center, Raipur	IBRD / 87250	Water Resources Monitoring System	Post	Request for Quotations	Limited	Single Stage - One Envelope				92,307.69	0.00	Pending Implementation							2020-05-03								2020-06-28	2020-12-25	
NHP-2020-2021-CC-441615 / Renovation of existing Data Centre- SDOPC Raipur	IBRD / 87250	Water Resources Monitoring System	Post	Request for Quotations	Limited	Single Stage - One Envelope				33,846.15	0.00	Pending Implementation							2020-07-20								2020-09-14	2021-03-13	
NHP-2021-2022-CC-241399 / Server Room for Real Time Data Acquisition System (RTDAS)	IBRD / 87250	Water Resources Monitoring System	Post	Request for Quotations	Limited	Single Stage - One Envelope			Request for Quotations - Small Works (Emergency) SPD - Competitive	10,769.23	0.00	Pending Implementation							2021-06-30								2021-08-25	2022-02-21	

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	Planned	Actual
IN-CHHATTISGARH SW-29146-GO-RFQ / Procurement of Standard Rain gauge.	IBRD / 87250	Water Resources Monitoring System	Post	Request for Quotations	Limited	Single Stage - One Envelope		4,615.38	0.00	Under Implementation								2017-11-04	2017-12-30							2017-12-30	2018-06-28	
IN-CHHATTISGARH SW-29349-GO-DR / Procurement of Airconditioners.	IBRD / 87250	Water Resources Monitoring System	Post	Request for Quotations	Limited	Single Stage - One Envelope		11,538.46	0.00	Under Implementation								2017-11-04								2017-12-30	2018-06-28	
IN-CHHATTISGARH SW-29152-GO-DR / Procurement of Online UPS 15 KVA.	IBRD / 87250	Water Resources Monitoring System	Post	Request for Quotations	Limited	Single Stage - One Envelope		10,769.23	0.00	Under Implementation								2017-11-04								2017-12-30	2018-06-28	
IN-CHHATTISGARH SW-29206-GO-RFQ / Procurement of floor scrubber machine.	IBRD / 87250	Water Resources Monitoring System	Post	Request for Quotations	Limited	Single Stage - One Envelope		3,846.15	0.00	Under Implementation								2017-11-04	2018-02-02							2017-12-30	2018-06-28	
IN-CHHATTISGARH SW-29216-GO-DR / Procurement of LCD Projector.	IBRD / 87250	Water Resources Monitoring System	Post	Request for Quotations	Limited	Single Stage - One Envelope		1,538.46	0.00	Under Implementation								2017-11-04								2017-12-30	2018-06-28	
IN-CHHATTISGARH SW-29319-GO-DR / Procurement of 1 no Vehicle.	IBRD / 87250	Institutional Capacity Enhancement	Post	Request for Quotations	Limited	Single Stage - One Envelope		12,307.69	0.00	Under Implementation								2017-10-11	2017-09-01							2017-12-06	2018-06-04	
IN-CHHATTISGARH SW-28469-GO-DR / Procurement of 8 nos Desktop computer.	IBRD / 87250	Water Resources Monitoring System	Post	Request for Quotations	Limited	Single Stage - One Envelope		9,864.15	0.00	Under Implementation								2017-12-25								2018-02-19	2018-08-18	
IN-CHHATTISGARH SW-28850-GO-DR / Procurement of 3 nos Laptop.	IBRD / 87250	Water Resources Monitoring System	Post	Request for Quotations	Limited	Single Stage - One Envelope		2,769.23	0.00	Under Implementation								2017-12-26								2018-02-20	2018-08-19	
IN-CHHATTISGARH SW-28851-GO-DR / Procurement of 10 nos A4 printer.	IBRD / 87250	Water Resources Monitoring System	Post	Request for Quotations	Limited	Single Stage - One Envelope		1,846.15	0.00	Under Implementation								2017-12-26								2018-02-20	2018-08-19	
IN-CHHATTISGARH SW-28855-GO-DR / Procurement of scanner.	IBRD / 87250	Water Resources Monitoring System	Post	Request for Quotations	Limited	Single Stage - One Envelope		553.84	0.00	Under Implementation								2017-12-26								2018-02-20	2018-08-19	
IN-CHHATTISGARH SW-29221-GO-DR / Procurement of Arc GIS software 1no.	IBRD / 87250	Water Resources Monitoring System	Post	Request for Quotations	Limited	Single Stage - One Envelope		38,461.54	0.00	Under Implementation								2018-02-03								2018-03-31	2018-09-27	
IN-CHHATTISGARH SW-28851-GO-DR / procurement of Digital copier multifunctional 1 no.	IBRD / 87250	Water Resources Monitoring System	Post	Request for Quotations	Limited	Single Stage - One Envelope		3,076.92	0.00	Under Implementation								2017-12-26								2018-02-20	2018-08-19	
NHP-2018-2019-CCSW-314002-CO-SH-QU / Airconditioner for data centre	IBRD / 87250	Water Resources Monitoring System	Post	Request for Quotations	Limited	Single Stage - One Envelope		11,538.46	0.00	Under Implementation								2019-01-31								2019-03-28	2019-09-24	
NHP-2018-2019-CCSW-579829-CO-SH-QU / Desktop Computer (IT equipment for data centre)	IBRD / 87250	Water Resources Monitoring System	Post	Request for Quotations	Limited	Single Stage - One Envelope		7,384.62	0.00	Under Implementation								2018-07-28								2018-09-22	2019-03-21	



NHP-2018-2019-CGSW-932956-CO-SH-QJ / Digital Copier Multifunctional (IT equipment for data centre)	IBRD / 87250	Water Resources Monitoring System	Post	Request for Quotations	Limited	Single Stage - One Envelope		3,076.92	0.00	Under Implementation				2018-09-08						2018-11-03		2019-05-02											
NHP-2018-2019-CGSW-435402-CO-SH-QJ / Plotter (IT equipment for data centre)	IBRD / 87250	Institutional Capacity Enhancement	Post	Request for Quotations	Limited	Single Stage - One Envelope		15,384.62	0.00	Under Implementation				2018-09-08						2018-11-03		2019-05-02											
NHP-2019-2020-CGSW-938610 / RTDAS ARC, AML, LAMS and Gate sensor & Civil works for RTDAS	IBRD / 87250	Water Resources Monitoring System	Prior	Request for Bids	Open - National	Single Stage - Two Envelope		2,747,861.54	0.00	Canceled			2019-08-30	2019-11-13	2019-09-04	2020-01-22			2019-10-16	2019-12-29	2020-02-02		2020-07-31										
NHP-2019-2020-CG-380360... / SUPPLY, INSTALLATION, TESTING, COMMISSIONING AND MAINTENANCE OF REAL TIME DATA ACQUISITION SYSTEM (RTDAS) OF CHHATTISGARH UNDER NATIONAL HYDROLOGY PROJECT	IBRD / 87250	Water Resources Monitoring System	Prior	Request for Bids	Open - National	Single Stage - Two Envelope		2,489,916.92	1,867,742.44	Signed			2020-03-05	2020-03-05	2020-03-10	2020-03-07			2020-04-21	2020-05-11	2020-07-04	2020-09-20	2020-08-08	2020-12-08	2021-02-04								
NHP-2020-2021-CG-122604 / Hand held Radar Gun for measurement of surface velocity - 4 nos.	IBRD / 87250	Water Resources Monitoring System	Post	Request for Quotations	Limited	Single Stage - One Envelope		23,076.92	0.00	Pending Implementation														2020-09-24		2021-03-23							
NHP-2020-2021-CG-100144 / LED Screen 86" - 2 nos.	IBRD / 87250	Water Resources Monitoring System	Post	Request for Quotations	Limited	Single Stage - One Envelope		21,538.46	0.00	Pending Implementation															2020-09-24		2021-03-23						
NHP-2020-2021-CG-544145 / Digital Podium	IBRD / 87250	Water Resources Monitoring System	Post	Request for Quotations	Limited	Single Stage - One Envelope		10,769.23	0.00	Pending Implementation																2020-09-24		2021-03-23					
NHP-2020-2021-CG-331776 / Electronic display system, 55" Full HD (4 Nos.), led PANEL based video wall - 1 no.	IBRD / 87250	Water Resources Monitoring System	Post	Request for Quotations	Limited	Single Stage - One Envelope		33,846.15	0.00	Pending Implementation																2020-09-19		2021-05-13					
NHP-2020-2021-CG-127419 / Television	IBRD / 87250	Water Resources Monitoring System	Post	Request for Quotations	Limited	Single Stage - One Envelope		1,153.85	1,070.37	Completed					2020-07-18	2021-02-17											2020-09-12	2021-03-19	2021-03-11	2021-04-08			
NHP-2020-2021-CG-894508 / Desktop Work Station Computer - 4 nos.	IBRD / 87250	Water Resources Monitoring System	Post	Request for Quotations	Limited	Single Stage - One Envelope		17,692.31	0.00	Pending Implementation																	2020-09-14		2021-03-13				
NHP-2020-2021-CG-338378 / Desktop Computer - 14 nos.	IBRD / 87250	Water Resources Monitoring System	Post	Request for Quotations	Limited	Single Stage - One Envelope		14,092.31	0.00	Under Implementation																		2020-09-14		2021-03-13			
NHP-2020-2021-CG-494824 / Colour printer A3	IBRD / 87250	Water Resources Monitoring System	Post	Request for Quotations	Limited	Single Stage - One Envelope		2,153.85	0.00	Pending Implementation																		2020-09-21		2021-03-20			
NHP-2020-2021-CG-183404 / MS office - 15 nos.	IBRD / 87250	Water Resources Monitoring System	Post	Request for Quotations	Limited	Single Stage - One Envelope		4,615.38	0.00	Pending Implementation																			2020-09-21		2021-03-20		
NHP-2020-2021-CG-688940 / Office Furniture	IBRD / 87250	Water Resources Monitoring System	Post	Request for Quotations	Limited	Single Stage - One Envelope		24,615.38	0.00	Pending Implementation																			2020-08-20		2021-04-13		
NHP-2021-2022-CG-183185 / All in one Desktop Computer- 4 Nos.	IBRD / 87250	Water Resources Monitoring System	Post	Request for Quotations	Limited	Single Stage - One Envelope		10,769.23	0.00	Pending Implementation																			2021-07-31		2022-03-24		
NHP-2021-2022-CG-584479 / Airconditioner - 4 Nos.	IBRD / 87250	Water Resources Monitoring System	Post	Request for Quotations	Limited	Single Stage - One Envelope		3,076.92	0.00	Pending Implementation																				2021-06-30		2022-02-21	
NHP-2021-2022-CG-927864 / Water Quality Equipment, Field Pocket Tester for Field Parameters (Surface Water) - 8 Nos.	IBRD / 87250	Water Resources Monitoring System	Post	Request for Quotations	Limited	Single Stage - One Envelope		6,153.85	0.00	Pending Implementation																				2021-07-31		2022-03-24	
NHP-2021-2022-CG-749502 / Online UPS 5kVA (2nos.) for data processing cell of RTDAS	IBRD / 87250	Water Resources Monitoring System	Post	Request for Quotations	Limited	Single Stage - One Envelope		6,849.32	0.00	Pending Implementation																				2022-03-03		2022-10-25	
NHP-2021-2023-CG-375787 / Diesel Power Generator Set 100kVA for State Data Centre -RTDAS Server	IBRD / 87250	Water Resources Monitoring System	Post	Request for Quotations	Limited	Single Stage - One Envelope		19,178.08	0.00	Pending Implementation																					2022-03-03		2022-10-25
NHP-2021-2022-CG-300123 / Video Conference arrangement at State Data Centre	IBRD / 87250	Water Resources Monitoring System	Post	Request for Quotations	Limited	Single Stage - One Envelope		3,424.66	0.00	Pending Implementation																					2022-03-03		2022-10-25

**NON CONSULTING SERVICES**

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	Planned	Actual			
NHP-2020-2021-CG-196413 / Reservoir sediment survey - 24 nos.	IBRD / 87250	Water Resources Operations and Planning System	Post	Request for Bids	Open - National	Single Stage - Two Envelope		461,538.46	0.00	Under Implementation						2020-07-30	2021-02-09	2020-08-04						2020-09-15	2021-03-18	2020-11-28			2021-01-02		2021-07-01
NHP-2020-2021-CG-469223 / Hiring of Technical and Office staff	IBRD / 87250	Institutional Capacity Enhancement	Post	Request for Bids	Open - National	Single Stage - Two Envelope		600,000.00	0.00	Pending Implementation						2020-07-30		2020-08-04						2020-09-15		2020-11-28			2021-01-02		2021-07-01

