

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)

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: 2017-11-10
 Revised Plan Date(s): (comma delineated, leave blank if non 2022-03-11
 Project ID: P152698 GPN Date: 2021-06-24
 Project Name: National Hydrology Project
 Loan / Credit No: IBRD / 87250
 Executing Agency(ies) Punjab - NHP

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		Planned	Actual
IN-PUNJAB-75610-CW-RFQ / Restoration of 700 no. ground water observation wells already installed in various districts of Punjab State under World Bank Aided Hydrology Project Phase -II (3 Pkgs)	IBRD / 87250	Water Resources Information Systems	Post	Request for Quotations	Open - National	Single Stage - One Envelope				86,154.00	79,817.66	Completed																		2019-04-20	
IN-PUNJAB-54238-CW-RFQ / RESTORATION OF 700 NO. GROUND WATER OBSERVATION WELLS ALREADY INSTALLED IN PUNJAB STATE UNDER WORLD BANK AIDED HYDROLOGY PROJECT PHASE - II.	IBRD / 87250	Water Resources Monitoring System	Post	Request for Quotations	Open - National	Single Stage - One Envelope				81,676.92	0.00	Canceled																		2018-11-16	
NHP-2019-2020-PB-289467 / Investigation, Drilling and Construction of 45 Nos Deep Tube Well for Ground Water Observation Piezometers with strong protection cover in various Districts of Punjab under National Hydrology Project (in 3 Lots of 15 Each)	IBRD / 87250	Water Resources Monitoring System	Post	Request for Bids	Open - National	Single Stage - Two Envelope				440,000.00	317,326.77	Signed					2020-06-18	2020-06-30	2020-06-23	2020-08-27			2020-08-04	2020-09-01	2020-10-17	2020-10-09	2020-11-21	2020-11-04		2021-05-20	
NHP-2020-2021-PB-432578 / Investigation, Drilling and Construction of Tubewells of varying depth 100m, 200m and 300m for Ground Water Observation Piezometer in various Districts of Punjab State under National Hydrology Project (Lot 1, Lot 2 & Lot 3)	IBRD / 87250	Water Resources Monitoring System	Post	Request for Bids	Open - National	Single Stage - Two Envelope				923,076.92	0.00	Canceled					2021-01-05														2022-02-28
NHP-2019-2020-PB-538139 / Investigation, Drilling and Construction of 15 Nos Deep Tube Well for CWO Piezometers with strong protection cover in the Fatehgarh Sahib, Mansa, Patiala, Ropar and Sangrur Districts of Punjab State under NHP -Lot 1	IBRD / 87250	Water Resources Monitoring System	Post	Request for Bids	Open - National	Single Stage - Two Envelope				129,230.77	0.00	Canceled					2020-04-30														2021-04-01
NHP-2019-2020-PB-790290 / Investigation, Drilling and Construction of 15 Nos Deep Tube Well for CWO Piezometers with strong protection cover in the Barnala, Ludhiana, Jalandhar, Moga, Nawansheer and Sangrur Districts of Punjab State under NHP -Lot 2	IBRD / 87250	Water Resources Monitoring System	Post	Request for Bids	Open - National	Single Stage - Two Envelope				127,692.31	0.00	Canceled					2020-04-30														2021-04-01
NHP-2019-2020-PB-608989 / Investigation, Drilling and Construction of 15 Nos Deep Tube Well for CWO Piezometers with strong protection cover in the Amritsar, Mohiarpur, Jalandhar, Kapurthala and Tarn Taran Districts of Punjab State under NHP-Lot 3	IBRD / 87250	Water Resources Monitoring System	Post	Request for Bids	Open - National	Single Stage - Two Envelope				127,692.31	0.00	Canceled					2020-04-30														2021-04-01
NHP-2020-2021-PB-227869 / Investigation, Drilling and Construction of Tubewells of varying depth 100m, 200m and 300m for Ground Water Observation Piezometer in various Districts of Punjab State under National Hydrology Project Cover-(Lot 1)	IBRD / 87250	Water Resources Monitoring System	Post	Request for Bids	Open - National	Single Stage - Two Envelope				254,113.03	237,518.61	Signed					2021-02-08	2021-02-25	2021-02-13	2021-03-15											2022-01-10
NHP-2020-2021-PB-915918 / Investigation, Drilling and Construction of Tubewells of varying depth 100m, 200m and 300m for Ground Water Observation Piezometer in various Districts of Punjab State under National Hydrology Project Cover-(Lot 2)	IBRD / 87250	Water Resources Monitoring System	Post	Request for Bids	Open - National	Single Stage - Two Envelope				258,655.35	243,013.80	Signed					2021-02-08	2021-02-25	2021-02-13	2021-03-15											2022-01-10

NHP-2020-2021-PB-455065 / Investigation, Drilling and Construction of Tubewells of varying depth 100m,200m and 300m for Ground Water Observation Piezometer in various Districts of Punjab State under National Hydrology Project Cover-(Lot-3)	IBRD / 87250	Water Resources Monitoring System	Post	Request for Bids	Open - National	Single Stage - Two Envelope			249,193.92	233,221.76	Signed			2021-02-08	2021-02-25	2021-02-13	2021-03-15		2021-03-27	2021-05-10	2021-06-09	2021-07-29	2021-07-14	2021-08-23	2022-01-10	
NHP-2019-2020-PB-453646 / CIVIL WORKS FOR SETTING UP OF LEVEL 2 PLUS CHEMICAL TESTING LABORATORY AT IRRIGATION & POWER RESEARCH INSTITUTE, AMRITSAR UNDER WORLD BANK AIDED NATIONAL HYDROLOGY PROJECT(NHP)	IBRD / 87250	Water Resources Monitoring System	Post	Request for Quotations	Open - National	Single Stage - One Envelope			12,307.69	0.00	Pending Implementation					2021-04-10							2021-06-26		2021-09-24	
NHP-2020-2021-PB-993716 / Maintenance of manual gauge sites under the jurisdiction of Discharge Division Mohali	IBRD / 87250	Water Resources Monitoring System	Post	Request for Quotations	Open - National	Single Stage - One Envelope	Other (with field for explanation)		3,076.92	3,039.04	Signed					2020-06-23							2020-08-18	2021-08-28	2020-11-16	
NHP-2021-2022-PB-699548 / Infrastructure Improvement/ Strengthening of converging activity of CW Management, Policy, Planning & NHP for better Water Resources management	IBRD / 87250	Water Resources Monitoring System	Post	Request for Bids	Open - National	Single Stage - Two Envelope	National Procurement Document - 2 Envelope process (Non Bank-SPD)		170,138.28	0.00	Canceled			2021-06-25	2021-06-22	2021-06-30	2021-07-12			2021-08-11	2021-08-23	2021-10-24		2021-11-28	2022-08-25	
NHP-2021-2022-PB-217469 / Deep Aquifer Exploration in Punjab State	IBRD / 87250	Water Resources Monitoring System	Post	Request for Bids	Open - National	Single Stage - Two Envelope	National Procurement Document - 2 Envelope process (Non Bank-SPD)		1,615,384.62	0.00	Pending Implementation			2021-09-29		2021-10-04				2021-11-15		2022-01-28		2022-03-04	2022-11-29	
NHP-2021-2022-PB-144340 / Rehabilitation of existing infrastructure at "Chaggar at Khannaauri" and "Chaggar at Chanda" sites	IBRD / 87250	Water Resources Monitoring System	Post	Request for Quotations	Open - National	Single Stage - One Envelope	Other (with field for explanation)		14,593.09	0.00	Pending Implementation					2021-09-26							2021-11-21		2022-02-19	
NHP-2021-2022-PB-699548_1 / Infrastructure Improvement/ Strengthening of Converging Activity of Ground Water Management, Policy, Planning and NHP for better Water Resources Management.	IBRD / 87250	Water Resources Monitoring System	Post	Request for Bids	Open - National	Single Stage - Two Envelope	Other (with field for explanation)		170,138.26	135,990.44	Signed			2021-09-21	2021-09-21	2021-09-26	2021-10-06			2021-11-07	2021-10-26	2022-01-20	2021-11-22	2022-02-24	2021-12-17	2022-11-21
NHP-2019-2020-PB-911780 / Investigation, Drilling and Construction of 334 No. Shallow Ground Observation Well for Water Quality/Water Logging Monitoring in South Western Punjab under National Hydrology Project	IBRD / 87250	Water Resources Monitoring System	Post	Request for Bids	Open - National	Single Stage - Two Envelope	National Procurement Document - 2 Envelope process (Non Bank-SPD)		346,154.00	0.00	Under Implementation			2022-01-04	2021-12-12	2022-01-09	2022-01-06			2022-02-20		2022-05-05		2022-06-09	2023-03-06	

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-PUNJAB-33503-GO-RFQ / Purchase of Renault Duster RXL MT 160PS Petrol BS4 S Seater for water resources bhawan mohali	IBRD / 87250	Front End Fee	Post	Request for Quotations	Open - National	Single Stage - One Envelope		12,598.53	11,496.87	Completed							2017-11-19								2017-11-21	2017-10-26	2018-01-10	2017-12-17
IN-PUNJAB-32261-GO-RFB / Supply, Installation, Testing Commissioning and Maintenance of RTDAS for selected Rivers, Head Works and Dams for Surface Water sector in Punjab and Supply, Installation, Testing Commissioning and Maintenance of AWS under e-Procurement system.	IBRD / 87250	Water Resources Monitoring System	Post	Request for Bids	Open - National	Single Stage - One Envelope		372,307.69	0.00	Canceled			2017-12-14							2018-01-25			2018-02-23		2018-03-30		2018-09-26	
IN-PUNJAB-30133-GO-RFQ / Supply and installation of Audio-Video Instrument at Ground Floor Conference Hall and Video Conferencing Instrument at First Floor Committee Room.	IBRD / 87250	Water Resources Information Systems	Post	Request for Quotations	Limited	Single Stage - One Envelope		69,230.00	0.00	Canceled														2018-01-23		2018-03-09		
IN-PUNJAB-33512-GO-RFQ / procurement of 15 no. of laptops for water resources bhawan mohali.	IBRD / 87250	Water Resources Information Systems	Post	Request for Quotations	Open - National	Single Stage - One Envelope		17,639.19	11,893.16	Completed														2017-12-23	2017-11-08	2018-03-23	2017-11-27	
IN-PUNJAB-37524-GO-RFQ / procurement of AD scanner for water resources bhawan mohali	IBRD / 87250	Water Resources Information Systems	Post	Request for Quotations	Open - National	Single Stage - One Envelope		9,617.87	8,106.44	Completed														2017-12-16	2017-10-31	2018-01-30	2017-12-21	
IN-PUNJAB-68853-GO-RFQ / Procurement of 2 no. Vento (Volkswagen) (TLP metallic) for Water Resources Organisation , Punjab, SAS Nagar	IBRD / 87250	Institutional Capacity Enhancement	Post	Request for Quotations	Open - National	Single Stage - One Envelope		24,403.46	20,194.88	Completed														2018-07-17	2017-05-05	2018-09-05	2017-07-14	

NHP-2018-2019-PB-539886 GO-DC-DC / System Upgrade and VC Equipment -25 no UPS	IBRD / 87250	Water Resources Information Systems	Post	Request for Quotations	Limited	Single Stage - One Envelope	1,907.69	1,582.97	Completed										2018-07-30	2019-02-21					2018-09-24	2019-03-18	2019-03-23	2019-03-26		
NHP-2018-2019-PB-191178 GO-DC-DC / System Upgrade and VC Equipmen- 25 No Printers	IBRD / 87250	Water Resources Information Systems	Post	Request for Quotations	Limited	Single Stage - One Envelope	4,184.62	2,920.78	Completed											2018-07-30	2019-02-14					2018-09-24	2019-03-15	2019-03-23	2019-03-26	
NHP-2018-2019-PB-527765 GO-NCB-DE / DWLR with Telemetry without Water Control DWLR with 2 No Server & protective cage at each site etc	IBRD / 87250	Water Resources Monitoring System	Post	Request for Bids	Open - National	Single Stage - Two Envelope	1,230,769.23	987,744.81	Signed				2018-09-04	2019-03-01	2018-09-09	2019-03-11						2018-10-21	2019-06-01	2019-01-03	2019-08-19	2019-02-07	2019-09-17	2019-08-06		
IN-PUNJAB -32222-CO-RFB / Supply, Fixing and Placing of Office Furniture at State Data Centre, Water Resources Bhawan, Sector 68, S.A.S. Nagar (Mohali).	IBRD / 87250	Water Resources Monitoring System	Post	Request for Bids	Open - National	Single Stage - One Envelope	179,296.91	0.00	Cancelled				2017-10-18		2017-10-25							2017-11-27		2017-12-26		2018-01-30		2018-07-27		
IN-PUNJAB -54284-CO-RFB / Supply & Installation of Audio Video Instrument at Ground Floor Conference Hall and Video Conferencing Instrument at First Floor Committee Room.	IBRD / 87250	Water Resources Information Systems	Post	Request for Bids	Open - National	Single Stage - Two Envelope	69,230.00	0.00	Cancelled				2018-03-19		2018-03-26							2018-04-25		2018-06-01		2018-06-21		2018-08-06		
NHP-2018-2019-PB-442654 GO-DC-DC / System Upgrade and VC Equipmen- 25 no Desktop	IBRD / 87250	Water Resources Information Systems	Post	Request for Quotations	Limited	Single Stage - One Envelope	17,846.15	16,477.71	Completed											2018-07-30	2018-11-01					2018-09-24	2019-01-08	2019-03-23	2019-02-27	
NHP-2018-2019-PB-237118 GO-DC-DC / Procurement of Office Furniture, Fans etc- 25 No Fans	IBRD / 87250	Water Resources Monitoring System	Post	Request for Quotations	Limited	Single Stage - One Envelope	961.54	647.90	Completed											2018-07-30	2018-09-13					2018-09-24	2018-09-14	2019-03-23	2018-10-12	
NHP-2018-2019-PB-933393 GO-NCB-DE / Design, Supply, Installation, Testing and Commissioning including Warranty and Maintenance of 25 Kw Grid Tied Roof Top Solar PV Plant At State Data Centre, Water Resources Bhawan, Sector 68, Mohali	IBRD / 87250	Water Resources Monitoring System	Post	Request for Bids	Open - National	Single Stage - Two Envelope	57,365.00	46,884.87	Signed				2019-02-14	2019-02-18	2019-02-15	2019-03-11						2019-03-20	2019-04-25	2019-06-02	2019-07-19	2019-08-02	2019-08-02	2019-11-30		
NHP-2018-2019-PB-924275 GO-NCB-DE / RTDS for Surface Water- Supply, Installation, Testing, Commissioning & maintenance of 5 No AWS for Real Time Data Acquisition System for Surface Water in Punjab under NHP	IBRD / 87250	Water Resources Monitoring System	Post	Request for Bids	Open - National	Single Stage - Two Envelope	115,384.62	38,792.82	Signed				2019-05-19	2019-07-10	2019-08-02	2019-08-27						2019-08-20	2019-09-12	2019-09-30	2020-01-06	2019-11-04	2020-01-27	2020-05-02		
NHP-2018-2019-PB-694710 GO-SH-OU / Water Quality Probes - Procurement of 3 no Probes	IBRD / 87250	Water Resources Information Systems	Post	Request for Quotations	Limited	Single Stage - One Envelope	13,846.15	16,353.73	Signed											2020-01-13	2020-01-08					2020-03-09	2021-02-26	2020-05-08		
NHP-2019-2020-PB-158327 / PROCUREMENT OF CHEMICALS, GLASSWARE AND MISCELLANEOUS ITEMS REQUIRED IN THE HYDROCHEMICAL LABORATORY WATER RESOURCES AND ENVIRONMENT DIRECTORATE, S.A.S. NAGAR PUNJAB	IBRD / 87250	Water Resources Monitoring System	Post	Request for Quotations	Open - National	Single Stage - One Envelope	5,230.77	3,321.29	Completed													2020-01-13				2020-03-24	2020-11-24	2020-05-23	2021-01-18	
NHP-2019-2020-PB-955367 / Upgradeation of GIS software and maintenance	IBRD / 87250	Water Resources Information Systems	Post	Direct Selection	Direct		12,307.69	10,542.29	Completed				2020-01-12	2019-12-11	2020-01-17	2019-12-13											2020-02-21	2020-01-29	2020-05-21	2020-02-05
NHP-2019-2020-PB-565165 / Procurement of 25 no. Pedestal Fans for use in Water Resources Bhawan, SAS Nagar, Punjab	IBRD / 87250	Water Resources Monitoring System	Post	Request for Quotations	Open - National	Single Stage - One Envelope	709.62	622.73	Completed													2020-02-14				2020-02-14	2019-10-25	2020-02-14	2019-11-13	
NHP-2020-2021-PB-930377 / Digitisation/Scanning of Drawings & Reports, Documents etc.	IBRD / 87250	Water Resources Information Systems	Post	Request for Quotations	Open - National	Single Stage - One Envelope	23,076.92	3,564.79	Signed													2020-06-15				2020-08-10	2020-11-25	2021-02-06		
NHP-2019-2020-PB-316806 / Procurement of 70 Number Chairs(39 Revolving +1 Executive Chair for Committee Room and 30 Office Chairs) for Water Resources Bhawan, Sec 68, S.A.S Nagar	IBRD / 87250	Water Resources Monitoring System	Post	Request for Quotations	Open - National	Single Stage - One Envelope	3,770.00	1,257.07	Completed													2020-09-19				2020-11-28	2020-12-18	2020-12-28	2021-03-05	
PROCUREMENT OF SOFTWARES AUTO CAD & STAD / Procurement of Softwares AUTO CAD & STAD PRO	IBRD / 87250	Water Resources Monitoring System	Post	Direct Selection	Direct		7,692.31	0.00	Cancelled				2020-06-13		2020-06-18											2020-07-23		2020-10-21		
NHP-2018-2019-PB-648725 GO-NCB-DE / Real Time Discharge Measurement of Sirhind Canal System for Irrigation Monitoring and Management	IBRD / 87250	Water Resources Monitoring System	Post	Request for Bids	Open - National	Single Stage - Two Envelope	1,076,923.08	0.00	Cancelled				2021-02-15		2021-02-20							2021-04-03		2021-06-16		2021-07-21		2022-01-17		

NHP-2019-2020-PB-868535 / Modernisation of Office infrastructure including Furniture, Electrical & networking System at Water Resources Bhawan, Sec 68, SAS Nagar	IBRD / 87250	Water Resources Monitoring System	Post	Request for Bids	Open - National	Single Stage - Two Envelope	196,338.46	0.00	Canceled		2021-02-01	2021-02-06	2021-03-20	2021-06-02	2021-07-07	2022-02-02					
NHP-2019-2020-PB-505558 / Supply, Installation, Testing, Commissioning & maintenance of 16 AWLR for Real Time Data Acquisition System for Surface Water in Punjab under NHP	IBRD / 87250	Water Resources Monitoring System	Post	Request for Bids	Open - National	Single Stage - Two Envelope	184,615.38	186,144.36	Signed		2021-01-04	2021-01-04	2021-01-09	2021-01-06	2021-02-20	2021-02-01	2021-05-05	2021-05-03	2021-06-09	2021-05-29	2021-12-06
NHP-2020-2021-PB-982909 / Supply, installation, testing, commissioning, training, operation and maintenance of SCADA based Automatic operation of Barrage at Ropar Head Works	IBRD / 87250	Water Resources Monitoring System	Post	Request for Bids	Open - National	Single Stage - Two Envelope	1,461,538.50	0.00	Canceled		2021-04-21	2021-04-26	2021-06-07	2021-08-20	2021-09-24	2022-03-23					
NHP-2020-2021-PB-468158 / Procurement of Field vehicle for carrying of ADCP	IBRD / 87250	Water Resources Monitoring System	Post	Request for Quotations	Open - National	Single Stage - One Envelope	12,307.69	0.00	Canceled			2020-06-30			2020-08-25	2020-08-31					
NHP-2018-2019-PB-275939-GO-NCB-DE / Supply, Fixing and Pacing of Office Furniture at State Data Centre, Water Resources Bhawan, Sector 68, Mohali	IBRD / 87250	Water Resources Information Systems	Post	Request for Bids	Open - National	Single Stage - Two Envelope	179,296.91	0.00	Canceled		2020-07-17	2020-07-22	2020-09-02	2020-11-15	2020-12-20	2021-06-18					
NHP-2018-2019-PB-204052-GO-NCB-DE / System Upgrade and VC Equipment-Supply and Installation of Video Conferencing Instrument at First Floor of Water Resources Bhawan, Sec 68, SAS Nagar	IBRD / 87250	Water Resources Information Systems	Post	Request for Bids	Open - National	Single Stage - Two Envelope	37,692.31	0.00	Canceled		2021-02-12	2021-02-17	2021-03-31	2021-06-13	2021-07-18	2021-10-16					
NHP-2020-2021-PB-525020 / Procurement of Software AUTO CAD & STAAD PRO	IBRD / 87250	Water Resources Monitoring System	Post	Request for Quotations	Limited	Single Stage - One Envelope	7,692.31	4,783.09	Completed			2021-01-13	2020-07-09		2021-03-10	2020-11-20	2021-09-06	2020-12-09			
NHP-2018-2019-PB-365966-GO-NCB-DE / Procurement of General Laboratory Equipment for Level 2 Plus Chemical Testing Lab in the State of Punjab at Irrigation and Power Research Institute, Amritsar Under World Bank Aided National Hydrology Project (NHP)	IBRD / 87250	Water Resources Monitoring System	Post	Request for Bids	Open - National	Single Stage - Two Envelope	306,153.90	0.00	Pending Implementation		2021-03-02	2021-03-07	2021-04-18	2021-07-01	2021-08-05	2022-02-01					
NHP-2020-2021-PB-546620 / AMC of the 70 DRG- installed under Hydrology Project Phase-2	IBRD / 87250	Water Resources Monitoring System	Post	Request for Quotations	Open - National	Single Stage - One Envelope	46,153.85	0.00	Canceled			2021-02-08		2021-04-05	2025-11-24						
NHP-2019-2020-PB-423546 / PROCURING THE FURNITURE (WORKTOPS) FOR SETTING UP OF LEVEL 2 PLUS CHEMICAL TESTING LABORATORY AT IRRIGATION AND POWER RESEARCH INSTITUTE, AMRITSAR UNDER WORLD BANK AIDED NATIONAL HYDROLOGY PROJECT(NHP)	IBRD / 87250	Water Resources Monitoring System	Post	Request for Quotations	Open - National	Single Stage - One Envelope	24,615.38	0.00	Pending Implementation			2021-04-07		2021-06-23	2021-09-21						
NHP-2018-2019-PB-301167-GO-NCB-SE / Procurement of ADCP-3 number ADCP	IBRD / 87250	Water Resources Monitoring System	Post	Request for Bids	Open - National	Single Stage - Two Envelope	115,384.62	0.00	Pending Implementation		2021-05-31	2021-06-05	2021-07-17	2021-09-29	2021-11-03	2022-02-01					
NHP-2020-2021-PB-609654 / Purchase of Sofa Set, Central Table etc under Procurement of 70 Number Chairs (9 Revolving +1 Executive Chair for Committee Room and 30 Office Chairs) for Water Resources Bhawan, Sec 68, S.A.S Nagar	IBRD / 87250	Water Resources Monitoring System	Post	Request for Quotations	Open - National	Single Stage - One Envelope	2,153.85	1,860.30	Completed			2021-03-09	2021-03-11		2021-05-04	2021-01-01	2021-06-18	2021-01-18			
NHP-2021-2022-PB-322134 / Supply, installation, testing, commissioning, training, Operation and maintenance of SCADA based Automatic Operation of Barrage at Ropar Head Works including motorization of gates and SCADA based Automatic Operation of Sirhind Canal system.	IBRD / 87250	Water Resources Monitoring System	Prior	Request for Bids	Open - National	Single Stage - Two Envelope	2,449,231.00	0.00	Under Implementation		2021-06-25	2021-09-02	2021-06-30	2021-09-24	2021-08-11	2022-01-03	2021-10-24	2021-11-28	2027-11-27		
NHP-2021-2022-PB-801499 / Procurement of arcGIS Software for Use in Canal-1 Office Under NHP	IBRD / 87250	Water Resources Information Systems	Post	Direct Selection	Direct		19,932.88	17,576.18	Signed		2021-07-27	2021-07-23	2021-08-01	2021-07-28		2021-09-05	2021-07-28	2021-11-04			
NHP-2021-2022-PB-706351 / Supply, Testing & Commissioning of 236 Nos. Digital Water Level Recorders (DWLRs) with Telemetry System, safety cage, Training to Departmental staff along with all software required for Operation, Data Retrieval, Data Storage and warranty etc. complete in	IBRD / 87250	Water Resources Monitoring System	Post	Request for Bids	Open - National	Single Stage - Two Envelope	469,230.77	0.00	Under Implementation		2021-09-02	2021-11-09	2021-09-07	2021-11-24	2021-10-19	2021-12-24	2022-01-01	2022-02-05	2022-08-04		

NHP-2021-2022-PB-480773 / Supply, Installation, Testing & Commissioning, Training, Operation & Maintenance of SCADA based Automatic operation of Shahnehar Barrage and its Canal System.	IBRD / 87250	Water Resources Monitoring System	Post	Request for Bids	Open - National	Single Stage - Two Envelope		800,000.00	0.00	Pending Implementation										2022-01-07	2022-01-12				2022-02-23	2022-05-08	2022-06-12	2027-06-11
NHP-2021-2022-PB-334719 / Supply, Testing & Commissioning of 300 Nos. DWLRs with Telemetry System, safety cage, Training to Departmental staff along with all software required for Operation, Data Retrieval, Data Storage and O & M during five years comprehensive warranty period com	IBRD / 87250	Water Resources Monitoring System	Post	Request for Bids	Open - National	Single Stage - Two Envelope		653,846.15	0.00	Pending Implementation										2022-01-04	2022-01-09				2022-02-20	2022-05-05	2022-06-09	2027-06-08

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	Planned
NHP-2020-2021-PB-587011 / AMC of computers and its peripherals in Water Resources Bhawan, S.A.S Nagar under NHP	IBRD / 87250	Water Resources Monitoring System	Post	Request for Quotations	Open - National	Single Stage - One Envelope		5,846.15	3,187.60	Signed																	2020-11-25	2020-12-02	2021-11-25
NHP-2019-2020-PB-531480 / Bathymetric Survey of 13 No Low Dams Reservoir in Kandl Area of Punjab State	IBRD / 87250	Water Resources Monitoring System	Post	Request for Bids	Open - National	Single Stage - One Envelope		30,770.00	40,117.14	Signed																			2021-12-04
NHP2020-2021-PB-546620 / AMC of 70 DRG-installed under Hydrology Project Phase-2	IBRD / 87250	Water Resources Monitoring System	Post	Request for Bids	Open - National	Single Stage - Two Envelope		46,153.85	0.00	Canceled																			2024-07-22
NHP-2020-2021-PB-546620 / AMC of 70 DRG- installed under Hydrology Project Phase-2	IBRD / 87250	Water Resources Monitoring System	Post	Request for Bids	Open - National	Single Stage - Two Envelope		45,246.15	78,089.84	Signed																			2025-12-28
NHP-2020-2021-PB-554262 / AMC of 50 No Telemetry DWLRs installed under HP-II	IBRD / 87250	Water Resources Monitoring System	Post	Request for Quotations	Open - National	Single Stage - One Envelope		46,153.85	0.00	Under Implementation																			2026-11-15
NHP-2021-2022-PB-222784 / Real Time Data As a Service for Surface Water Level Measurement System and Rainfall Measurement System from Various Locations of Punjab through GSM/CPRS Telemetry System. For a Period of Five Years	IBRD / 87250	Water Resources Monitoring System	Post	Request for Bids	Open - National	Single Stage - Two Envelope		237,800.00	0.00	Pending Implementation																			2027-07-23

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-2020-2021-PB-481236 / CONSULTANCY SERVICES TO DEVELOP INFLOW FORECASTING SYSTEM OF RANJIT SAGAR DAM AND INUNDATION FORECASTING DOWNSTREAM OF RANJIT SAGAR DAM	IBRD / 87250	Water Resources Operations and Planning System	Post	Least Cost Selection	Open - National		384,615.38	0.00	Canceled	2020-05-20	2020-10-20	2020-06-10	2020-11-13	2020-07-24															2023-11-29
NHP-2020-2021-PB-483236 / Selection of Consulting Services to DEVELOP INFLOW FORECASTING SYSTEM OF RANJIT SAGAR DAM AND INUNDATION FORECASTING DOWNSTREAM OF RS DAM	IBRD / 87250	Water Resources Operations and Planning System	Post	Least Cost Selection	Open - National		384,615.38	245,715.64	Signed	2021-01-29	2021-01-15	2021-02-19	2021-01-17	2021-04-04	2021-03-10														2024-08-09

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-2019-2020-PB-959794 / Consultancy For motorization of Main and Sluice Gates Of Sirhind Canal System	IBRD / 87250	Water Resources Monitoring System	Prior	Direct Selection	Direct		18,461.54	16,498.06	Signed	2020-04-13	2020-04-07	2020-04-23	2020-04-08																	
IN-PUNJAB-152382-CS-INDV / Development of Decision Support System for Groundwater Recharge in Over Exploited Pilot Blocks of Punjab	IBRD / 87250	Water Resources Operations and Planning System	Post	Direct Selection	Direct		129,708.14	0.00	Canceled	2020-06-19	2020-01-21	2020-06-29																		