

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:** 2017-11-19
Revised Plan Date(s): (comma delineated, leave blank) 2022-06-29
Project ID: P152698 **GPN Date:** 2022-06-17
Project Name: National Hydrology Project
Loan / Credit No: IBRD / 87250
Executing Agency: West Bengal 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 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-WEST BENGAL SW-38559-CW-RFB / Construction of State Data Center at Kolkata | IBRD / 87250 | Water Resources Monitoring System | Post | Request for Bids | Open - National | Single Stage - Two Envelope | | | | 328,358.00 | 294,388.26 | Completed | | | | | 2017-12-18 | 2018-03-08 | 2017-12-20 | 2018-03-10 | | | 2018-01-22 | 2018-04-13 | 2018-02-08 | 2018-06-20 | 2018-03-04 | 2018-07-25 | 2019-03-04 | | |
| IN-WEST BENGAL SW-38558-CW-RFB / Construction of Control Room for SCADA of Durgapur Barrage | IBRD / 87250 | Water Resources Monitoring System | Post | Request for Quotations | Limited | Single Stage - One Envelope | | | | 89,552.00 | 85,295.04 | Completed | | | | | | | 2018-01-17 | 2018-05-17 | | | | | | | 2018-03-09 | 2018-08-16 | 2018-09-05 | | |
| IN-WEST BENGAL SW-38561-CW-RFB / Construction of Control Room for SCADA of Tilpara Barrage | IBRD / 87250 | Water Resources Monitoring System | Post | Request for Quotations | Limited | Single Stage - One Envelope | | | | 89,552.00 | 0.00 | Canceled | | | | | | | 2018-01-31 | 2018-07-18 | | | | | | | 2018-03-21 | | 2018-09-17 | | |
| NHP-2018-2019-WBSW-3795-26-CW-NCB-SE / Construction of building for installation of SCADA centre at Tilpara Barrage | IBRD / 87250 | Water Resources Monitoring System | Post | Request for Bids | Open - National | Single Stage - Two Envelope | | | | 115,384.62 | 95,407.35 | Signed | | | | | 2019-07-30 | 2019-06-19 | 2019-07-30 | | | | | 2019-08-30 | 2019-08-05 | 2019-09-23 | 2019-10-01 | 2019-10-14 | 2019-11-05 | 2020-06-10 | |
| NHP-2020-2021-WBSW-3400-78 / Construction of regional data centre at Purulia | IBRD / 87250 | Water Resources Monitoring System | Post | Request for Bids | Open - National | Single Stage - Two Envelope | | | | 130,769.23 | 0.00 | Pending Implementation | | | | | 2020-07-15 | | 2020-07-20 | | | | | 2020-08-31 | | 2020-11-13 | | 2020-12-18 | | 2021-06-16 | |
| NHP-2020-2021-WBSW-9997-09 / Construction of water modelling and training centre | IBRD / 87250 | Institutional Capacity Enhancement | Post | Request for Bids | Open - National | Single Stage - Two Envelope | | | | 1,015,384.62 | 0.00 | Pending Implementation | | | | | 2020-11-30 | | 2020-12-05 | | | | | 2021-01-16 | | 2021-03-31 | | 2021-05-05 | | 2021-11-01 | |
| NHP-2020-2021-WBSW-6377-41 / Construction of control rooms for canal monitoring and supervisory control of Kangsabati Irrigation System | IBRD / 87250 | Water Resources Monitoring System | Post | Request for Bids | Open - National | Single Stage - Two Envelope | | | | 246,153.85 | 0.00 | Under Implementation | | | | | 2020-09-30 | 2022-02-07 | 2020-10-05 | | | | | 2020-11-16 | | 2021-01-29 | | 2021-03-05 | | 2021-09-01 | |
| NHP-2021-2022-WBSW-3653-27 / Construction of Control Rooms for Canal Monitoring and Supervisory Control of Mayurakshi system | IBRD / 87250 | Water Resources Monitoring System | Post | Request for Bids | Open - National | Single Stage - Two Envelope | | | | 246,153.85 | 0.00 | Pending Implementation | | | | | 2021-06-15 | | 2021-06-20 | | | | | 2021-08-01 | | 2021-10-14 | | 2021-11-18 | | 2022-05-17 | |
| NHP-2020-2021-WBSW-9077-85 / Construction of regional data centre at Jalpaiguri | IBRD / 87250 | Water Resources Monitoring System | Post | Request for Bids | Open - National | Single Stage - Two Envelope | | | | 115,384.62 | 0.00 | Canceled | | | | | 2020-11-30 | | 2020-12-05 | | | | | 2021-01-16 | | 2021-03-31 | | 2021-05-05 | | 2021-11-01 | |
| NHP-2021-2022-WBSW-4162-50 / Construction of SCADA control room at Mahananda Barrage | IBRD / 87250 | Water Resources Monitoring System | Post | Request for Bids | Open - National | Single Stage - Two Envelope | | | | 153,846.15 | 0.00 | Pending Implementation | | | | | 2022-03-02 | | 2022-03-07 | | | | | 2022-04-18 | | 2022-07-01 | | 2022-08-05 | | 2023-02-01 | |

| 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 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-WEST BENGAL SW-36326-GO-RFQ / Procurement and installation of Photocopier and Printers for the State Project Management Unit of National Hydrology Project | IBRD / 87250 | Water Resources Monitoring System | Post | Request for Quotations | Limited | Single Stage - One Envelope | | 7,692.31 | 25,355.32 | Signed | | | | | | | 2017-11-14 | | 2017-10-18 | | | | | | | 2017-12-08 | 2017-12-27 | 2018-01-07 | 2018-03-12 |
| IN-WEST BENGAL SW-36330-GO-RFQ / Procurement and installation of Desktop PC with peripherals for the State Project Management Unit of National Hydrology Project | IBRD / 87250 | Water Resources Monitoring System | Post | Request for Quotations | Limited | Single Stage - One Envelope | | 7,692.31 | 19,082.30 | Signed | | | | | | | 2017-11-14 | | 2017-10-16 | | | | | | | 2017-12-09 | 2017-12-12 | 2018-01-08 | 2018-02-21 |
| IN-WEST BENGAL SW-38548-GO-RFB / Procurement of Discharge measuring Equipment (ADCP) | IBRD / 87250 | Water Resources Monitoring System | Post | Request for Bids | Open - National | Single Stage - Two Envelope | | 97,015.00 | 69,656.41 | Signed | | | | | 2017-12-06 | 2017-12-18 | 2017-12-06 | 2018-03-10 | | | 2017-12-27 | 2018-02-16 | 2018-01-07 | 2018-04-09 | 2018-01-30 | 2018-04-16 | 2018-05-30 | | |
| IN-WEST BENGAL SW-39196-GO-RFQ / Procurement of ITC equipment | IBRD / 87250 | Water Resources Monitoring System | Post | Request for Quotations | Limited | Single Stage - One Envelope | | 11,940.00 | 6,494.50 | Completed | | | | | | | 2017-12-11 | | 2018-03-15 | | | | | | 2018-01-26 | 2018-06-07 | 2018-03-12 | 2018-08-09 | |
| IN-WEST BENGAL SW-38548-GO-RFB / Procurement of Survey Instruments (1 no. RTK-D GPS and 4 nos. GPS-Hand held) | IBRD / 87250 | Water Resources Monitoring System | Post | Request for Quotations | Limited | Single Stage - One Envelope | | 53,800.00 | 51,901.20 | Signed | | | | | | | 2018-02-12 | | 2018-03-07 | | | | | | 2018-03-15 | 2018-08-03 | 2018-05-14 | | |
| IN-WEST BENGAL SW-48181-GO-RFQ / Procurement of Survey Instruments (2 nos. Total Station and 4 nos. Digital Level) | IBRD / 87250 | Water Resources Monitoring System | Post | Request for Quotations | Limited | Single Stage - One Envelope | | 23,100.00 | 16,840.08 | Signed | | | | | | | 2018-02-12 | | 2020-01-07 | | | | | | 2018-03-15 | 2020-07-01 | 2018-05-14 | | |
| IN-WEST BENGAL SW-38540-GO-RFB / Supply Installation Testing Commissioning and Maintenance of Real Time Data Acquisition System (RTDAS) with telemetry of Irrigation and Waterways Department, West Bengal Under National Hydrology Project And Integrate with Data Center located at Kolkata | IBRD / 87250 | Water Resources Monitoring System | Post | Request for Bids | Open - National | Single Stage - Two Envelope | | 1,879,461.54 | 0.00 | Canceled | | | | | 2018-07-25 | 2018-08-09 | 2018-07-25 | 2018-08-09 | | | 2018-08-27 | | | 2018-09-17 | | 2018-10-08 | | 2019-10-08 | |

