

Part 1

Technical Proposal



INFRASTRUCTURE DEVELOPMENT AUTHORITY

EXPRESSION OF INTREST CUM TENDER NOTICE

EXPRESSION OF INTEREST(EOI) Notice no. 12/Notice/IDA/26

EXPRESSION OF INTEREST(EOI) is invited by Director (PI), IDA, Patna for empanelment of the ISO & NABL Accredited Laboratories for the works being executed upto 50 lakh in Infrastructure Development Authority (IDA), Patna, Bihar for Three years. The Agencies who are willing may submit complete details in prescribed format i.e. document form which can be downloaded from the website www.idabihar.com The document form complete in all respects with all information as desired should be submitted to Director (PI), Infrastructure Development Authority, First floor, Udyog Bhawan, East Gandhi Maidan, Patna, Bihar-800004 from **23.05.2026 to 08.06.2026** by 15:30 and EOI will be opened on 09.06.2026 by 15:30. The applications are to be submitted only through the email on **ida-bihar@gov.in**

G

Director (PI)



INFRASTRUCTURE DEVELOPMENT AUTHORITY

First Floor, Udyog Bhawan, East Gandhi Man, Patna-800 004

E-mail: md@bihar.com, Website-www.bihar.com, Phone- 0612-2675933, 2675935, Fax-2675934

General Instructions

1. General Information:

The Infrastructure Development Authority invites EOI / Tenders from Agencies (which term reads NABL Accredited Laboratories) experienced in rendering services for conducting the different required tests for the works being executed in and to submit Technical and Financial Proposals which could form the basis for an assignment between the Agency and the Director (P.I), Patna, Bihar.

The general categories of works taken up by are as follows:

- (a) RCC Buildings
- (b) Pre Engineered Building (PEB)
- (c) Bituminous Road Works
- (d) Cement Concrete Pavements
- (e) Culverts & Bridges
- (f) Storm Water Drains (Box Drains & RCC Pipe Drains)
- (g) Under Ground Drainage
- (h) Solid Waste Management Works
- (i) Footpaths
- (j) Other works.
- (k) Structural Steel Welding

IDA intends to empanel agencies to conduct required tests for the works being executed in IDA, Patna, Bihar.

2. Purpose:

IDA intends to empanel the ISO &NABL Accredited Laboratories for conducting required tests with common rates for the works being executed in IDA.

The Agency may attend the site for collection of sample and perform the Field / Lab tests as desired by the Officials (Field Executive Engineers/Above Officials) of IDA .

3. Qualification criteria for participating in the Tenders.

- a) The laboratory of the Agency (ISO &NABL Accredited Laboratories) shall be located in Bihar.
- b) The Agency (ISO &NABL Accredited Laboratories) shall have an existence and possess the Certificate issued by NABL Accreditation Board for minimum of three (3) successive years in the last five(5) years.
- c) The Agency should provide evidence of similar work experience of Quality Control Certification for at least one year in any Govt. Organization.
- d) The Agency (ISO &NABL Accredited Laboratories) shall have valid Goods and ServiceTax Registration (GST) &PAN.
- e) The Agency's Laboratory should be owned/managed by Qualified and experienced personnel.

f) The Agency (ISO &NABL Accredited Laboratories) shall furnish **Bid Security for Rs. 1,00,000/- (Rupees One Lakh Only) in the form of irrevocable Bank Guarantee by a Nationalised/ Scheduled Bank in favour of Infrastructure Development Authority, Patna.**

g) The agencies shall not debarred/blacklisted/suspended.

Note:

- I. In support of qualifying criteria, the details and certificates are to be furnished.
- II. The bidder is liable to be disqualified and black listed including forfeiture of bid security, if he is found to have misled or furnished false information in the forms / statements /certificates submitted in proof of qualification requirements.
- III. Even while currency of the contract, if found that the agency had produced False/fake certificates of experience he will be liable for black listing and the contract will be liable for termination and liable for forfeiture of Bid security and all the Agreements due to him.
- IV. Sub-Contracting is not allowed in collecting samples / testing of samples/any part of this job.
- V. IDA reserves the right to relax the conditions uniformly if required for eligibility of the bidders in the public interest. The bidder(s) shall not have any right to question the decision taken by the IDA in this regard.

4. Bid Security: The Agency shall furnish **Bid Security for Rs. 1,00,000 (One Lakh)** in the form of irrevocable **Bank Guarantee by a Nationalised Bank** with validity period up to **165 days (from the date of tender)** in favour of the **Infrastructure Development Authority, Patna.** Bid Security shall be kept in the first file containing technical proposal. The files received without Bid Security shall not be considered. Bid Security shall be submitted in hard copy in the IDA before 03:00 PM on 08.06.2026. The Bid Security is liable to be forfeited if successful bidder fails to execute the agreement within 15 days from the date of issue of Letter of acceptance. The bid security of unsuccessful bidders will be discharged on finalizing the agreement.

5. The submission of the proposals: The proposals shall be submitted in two parts viz., **Part I: Technical** and **Part II: Financial** and should follow the procedure given below:

5.1. The "Technical" and "Financial" proposals must be submitted in two separate files in the prescribed formats / schedules given in the supplementary information for Agencies.



The first file marked "**TECHNICAL PROPOSAL**" should include the description of the Agency, the Agency's general experience, if any, in the field of assignment and **list of lab equipments**. The first file should not contain any cost information whatsoever.

The bidder shall quote the rates for **each test including all the charges excluding GST which is herewith enclosed at Financial Proposal**. The cover shall contain price offer of tests to be performed and shall be placed in a bigger second file marked "Financial Proposal ".The secondfile marked "**FINANCIAL PROPOSAL**"to bepassword protected and Password to be provided by the bidder by email at the time of opening of financial bid.

5.2 Opening of Technical Proposal:

The file containing technical proposal only will be opened by the Director (P.I), IDA or his authorized representative in his office at **the time mentioned in the tender notice**. The officials of IDA may visit the laboratories of all the tenderers.

It may please be noted that the second envelope containing the price offers of individual slices will not be opened until technical evaluation has been completed and approved by the competent authority.

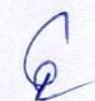
6. Evaluation and award of assignment

A two-stage procedure will be adopted in evaluating the proposals with the technical evaluation being completed prior to any financial proposals are opened. The technical evaluation will be carried out on the information & documentary evidence furnished by the tenderer. Genuineness shall be confirmed from the certifier for all the documents submitted by the tenderer. All Agencies who are declared successful in technical proposal, the financial proposals of only those tenderers will be opened.

The decision of the award of the contract would be as under:

(a) The Financial proposals (Financial bid should be password protected and Password to be provided by the bidder by email at the time of opening of financial bid) shall be opened on date & time which will be intimated to all technically qualified bidders in advance. Agency or their authorized representative may participate in financial bid opening.

1. The Lowest rates (L1) for individual tests shall be considered and will be treated as Base Rate by preparing a comparative statement of all the qualified bidders.
2. Willingness (Consent) shall be called for from shortlisted agencies for offering tests on Base Rate for each item (Test).
3. The officials of IDA may visit all the laboratories before finalization of empanelment. All qualified agencies agreed for the L1 rates shall be engaged for conducting required tests in the Laboratory as per IS Standards irrespective of jurisdiction.



4. If any agency quotes abnormally less that bidder shall be asked for justification & if the department feels the furnished justification is not reasonable the work shall not be entrusted to L1 bidder.
- (b) Quality and competence of the consulting service shall be considered, as the para Agreementntrequirement. The nature of the assignment is non-exclusive and the client can choose as many Agencies as required depending on the workload.
- (c) The qualified bidder (ISO &NABL Accredited Laboratory) who is situated near to the respective zone may be considered to give preference.
7. It may be noted that IDA is not bound to select any of the Agencies based on the submission of the proposals.
8. The Agencies are requested to hold their financial proposal valid for 120 days from the date of opening financial bid for the assignment and the proposed price. The client will make its best efforts to select Agency/Agencies within this period.
9. It may be noted that the cost of preparing a proposal including visits to Director (P.I), IDA, or other functionaries of IDA, if any is not reimbursable as a direct cost of the assignment.
10. Assuming that the Agreement can be satisfactorily concluded in one month, the Agencies are expected to take up/commence the assignment immediately after entrustment.
11. The payment will be released for the services actually offered at the approved rates.
- 12. IDA reserves the right to accept or reject any or all bids without assigning any reasons whatsoever.**
13. The dates stipulated in the NIT are fixed and under no circumstances they will be relaxed unless officially extended.
14. The bidders are hereby instructed to not alter and make any changes to the bidding documents. If any changes are made by bidder, it shall be treated as tampering of documents and the bid shall be summarily rejected.
15. The tender is likely to be rejected if on opening it is found that —
- i. The bidders has not strictly followed the procedure laid down for submission of tender.
 - ii. The bidder has proposed conditions which are inconsistent with or contrary to the terms and conditions specified.
 - iii. Additions, corrections or alteration are made by the bidder on any page of tender document.
 - iv. Any Page or pasted slips are missing
 - v. The bidder has not signed the tender.
 - vi. The bidder has specified any additional condition.
 - vii. The bidder has quoted financial offer anywhere other than specified in financial bid.

16. If the test results of samples collected from site does not meet the relevant IS Codes and also any damages are noticed at later period, the Agency will be debarred and declared ineligible for providing services and will be recommended to Concerned Government authority will be initiated.

17. The Agency shall submit the following in the bid duly signing the documents:

1. Technical Proposal

- a) Tender document (Terms of reference (TOR), General Conditions of the Contract, Forms-1,2,3 & 4, A Sample Form Agreement, Financial Part).
- b) Forms-1,2 ,3& 4(along with relevant documents).
- c) Bank Guarantee (BG).
- d) Signed Documents as per Qualification Criteria.

2. Financial proposal

(Financial bid should be password protected and password to be provided by the bidder by email

at the time of opening of financial bid)

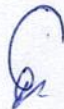
18. The Director (P.I), IDA has right to modify the terms and conditions, if any and the same are binding on all the laboratories empanelled.

19. If there is any discrepancy between the offer quoted in figures and in words, the rate quoted in words will be treated as the offer.

Director (P.I)
IDA, Patna

Enclosures:

- 1) Terms of reference (TOR)
- 2) General Conditions of the Contract
- 3) Forms-1,2 ,3 & 4
- 4) A Sample Form of Agreement
- 5) Financial Part



TERMS OF REFERENCE(TOR)

1. OBJECTIVES.

1.1 The main objective of this assignment is the representative of the Agency shall attend the site for collection of sample and perform the Field/Lab tests as desired by the IDA officials (Field Executive Engineers) for all Civil Works executed in IDA.

1.2 The Agency shall receive the requisition from any of the IDA officials (Field Executive Engineers) through SMS/Whatsapp or e-mail or phone call.

1.3 The Agency shall perform the test specified by the requisition authority and shall submit the test report to the same.

1.4 The Agency shall conduct the tests / sampling of materials as per relevant IS / IRC / MORTH Standards.

2. GOVERNING FACTORS

2.1.The job of Agency shall be combination of testing of materials, office work, comments on construction materials, checking of test results.

2.2.The Agency shall furnish details about the testing equipment for testing of samples in the Laboratory.

2.3.The Agency shall develop and follow the computerized reporting and record management system and shall obtain prior approval of the same from IDA.

2.4 Reports of material testing should be provided by Agency to concerned Field Executive Engineer and QC Engineer and the requisition authority of IDA.

2.5. During testing of samples at laboratories, photographs should be taken at different stages and enclosed with the respective reports.

3. SCHEDULE FOR COMPLETION OF ASSIGNMENT

The time schedule for completion of job is one year from the date of assignment which may be extended for further period based on performance and mutual consent; however IDA got the discretion for pre-closure.

4. FORMATS

The Test Reports shall include the following details:

- a. Name of the work
- b. Estimated Cost
- c. Name of the construction agency
- d. Work order No, and Agreement No.
- e. Names of the Incharge IDA Engineers
- f. Observations
- g. Standard formats meeting the requirements of respective IS/IRC/MORTH standards shall be used for test reports (field tests as well as laboratory tests).

While mentioning the gradation/strength/thickness/density etc the target values& tolerances (if any) as per specifications/ IS/IRC/ MORTH standards shall be mentioned.

5. SUBMISSION OF REPORTS

The Agency shall submit all the test reports in soft and signed copy as follows:

- 5.1 To the concerned Executive Engineer along with the invoice through e-mail.
- 5.2 To the Director (P.I) and the requested authority.
- 5.3 To the requested authority in Hard Copy also.

6. PAYMENT SCHEDULE

6.1 The payment to the Agency in consideration of the services offered by them shall be made on line .

6.2 Payment shall be made IDA @ the agreed common rate for the test done.

6.3 Rates agreed shall be firm till the completion of the contract.

6.4 The tests shall be requested by Executive Engineer & above Officials of IDA and the payment shall be made only by IDA @ the agreed common rate.



GENERAL CONDITIONS OF CONTRACT

1. GENERAL PROVISIONS

1.1. Definitions

Unless the context otherwise requires, the following terms whenever used in the Contract have the following meanings:

- a. "Applicable Law" means the laws of India and the State of Bihar and Patna Municipal Co-operation.
- b. "Client" or "Employer" means Director (PI), IDA or any authorised authority representing IDA.
- c. "Agency" means the ISO & NABL Laboratory which has entered into contract with IDA to provide Lab & Field tests.
- d. "Contract" means the Contract signed by the Parties, to which these General Conditions of Contract (GC) are attached, together with all the documents listed in Clause 1 of such signed Contract;
- e. "GC" means these General Conditions of Contract;
- f. "Government" means the Government of Bihar as appropriate to the context;
- g. "Local currency" means Indian Rupees;
- h. "Party" means the client or the Agency, as the case may be, and Parties means both of them;
- i. "SC" means the Special Conditions of Contract by which these General conditions of Contract may be amended or supplemented;
- j. "Services" means the work to be performed by the Agency pursuant to this contract.

1.2 Law Governing the Contract

This Contract, its meaning and interpretation, and the relation between the Parties shall be governed by the Applicable Law.

1.3. Language - English

1.4 Notices

Any notice, request or consent made pursuant to this contract shall be in writing and shall be deemed to have been made when delivered in person to an authorized representative of the party to whom the communication is addressed as indicated in the Agreement.

1.5 Authorized Representatives

Any action required or permitted to be taken, and any document required or permitted to be executed, under this contract by the client or the Agencies shall be taken or executed by the authorized representative of Agency.

2.0 COMMENCEMENTS, COMPLETION, MODIFICATION AND TERMINATION OF CONTRACT.

2.1 Commencement of Services

The Agency shall begin carrying of the services immediately after issue of work order or signing the contract

2.2 Modification.

Modification of the terms and conditions of this contract, including any modification of the scope of the services or of the contract price, may only be made by written agreement between the client and the Agency.



2.3 Force Majeure

2.3.1 The Terms and conditions mutually agreed upon this contract shall be subject to Force Majeure.

2.3.2 Neither client nor the Agency shall be considered in default in the performance of its obligations here under for such period, if such performance is prevented or delayed because of war, hostilities, revolution, civil commotion, general strike, epidemic, accident, fire, wind, flood, earthquake or because of any law or order proclamation, regulation or ordinance by any government or of any sub division thereof or an order by court of law, any act of god and state or any other cause whether of similar or dissimilar nature beyond the reasonable control of the party affected.

2.3.3 Should one or both the parties be prevented from fulfilling their contractual obligations by a state of Force Majeure lasting continuously for a period of one month, the parties shall consult with each other regarding future implications on this contract.

2.3.4 In the event of force Majeure both parties shall put in their best efforts towards resumption of the works at the earliest and shall put in their best efforts towards mitigating the cost incurred by the other party.

2.4. Termination.

2.4.1. By the client

The client may terminate this contract, by not less than thirty (30) days written notice of termination to the Agency, to be given after the occurrence of any of the events specified in paragraphs (a) through(d)

(a) If the Agency do not remedy the failure in the performance of their obligation under the contract, within thirty (30) days of receipt after being notified or within such further period as the client may have subsequently approved in writing.

(b) If the Agency become insolvent or bankrupt.

(c) If, as the result of force majeure, the Agency is unable to perform a material portion of the services for a period of not less than thirty(30) days.

(d) If the Agency, in the judgement of the client has engaged in corrupt or fraudulent practices in competing for or in executing the contract.

For the purpose of this clause

"Corrupt practice" means the offering, giving, receiving or soliciting of anything of value to influence the action of a public official in the selection or in contract execution.

"Fraudulent Practice" means miss representation of facts in order to influence a selection process or the execution of contract to the detriment of the client and includes collusive practice among Agency (prior to or after submission of proposals).designed to establish prices at artificial non competitive levels and to deprive the client of the benefits of free and open competition.



3.0 OBLIGATIONS OF THE AGENCIES

3.1 General

The Agency shall perform the tests for all works as specified by the client. The Agency shall perform the services and carry out their obligations hereunder with all due diligence, efficiency and economy, in accordance with generally accepted professional Techniques and practices.

3.2 Conflict of Interests

The Agency's fee pursuant to clause 6 shall constitute the Agency sole Agency's fee in connection with this contract or the services, and the Agency shall not accept for their own benefit any trade commission, discount or similar payment in connection with activities pursuant to this contract or to the services or in the discharge of their obligations under the contract.

3.3 Confidentiality.

The Agency, and the personnel of either of them shall not, either during the term or within one (1) year after the expiration of this contract, disclose any proprietary or confidential information relating to the project, the services, this contract, or the clients business or operations without the prior written consent of the client.

3.4 Reporting system

The Agency shall submit the test reports with their remarks directly to the client/clients representative as per TOR. The Agency would collect the information from the project site through detailed formats by carrying out relevant tests and base information along with data will be submitted to the client/ client's representative. All the information, work wise, would be documented in a register.

3.5 Documents prepared by the Agency will be the property of the client. All reports and other documents submitted by the Agency would remain the property of the client.

4.0 PAYMENTS TO THE AGENCY

The payment to the Agency along with GST would be made to the Agency as specified in the payment schedule of TOR.

5.0 SETTLEMENT OF DISPUTES

Any dispute arising out of this contract, which amicably not settled between the parties, to solve it initially same would be presented to the Tender/Technical Committee comprising and Agency. If the dispute is not resolved in that case it shall be referred to adjudication/arbitration in accordance with the provisions made in **Bihar Public Works Contract Disputes Arbitration Tribunal Act, 2008**"



6.0 Price & Payment Schedule

6.1 Agency's fee:

The Agency's fee for the services provided will be paid at the approved rate.

6.2 Goods and Service Tax:

Only GST will be paid extra. Any other taxes applicable shall be borne by the Agency only from his Agency's fee.

6.3 Payment Schedule:

The Agency shall raise the invoice duly showing the Agency's fee and GST separately along with test report certifying the quality of work.

6.4 Standard deductions: Mandatory deductions Income Tax, GST as applicable will be deducted from the Agency's fee and a certificate will be issued to this effect.

7.0 Indemnity:

In case the quality of any work is found inferior during the Quality check by the client's QC wing or State Vigilance department or by any authority where the Agency have passed satisfactory remarks in their test reports, the entire Agency's fee including GST will be recovered from the Agency apart from a penalty of 10% of Agency's fee.

8.0 Reporting System

Documentation of work-wise reports along with photographs taken during sample collection and testing with both soft and hard copies in three sets would be submitted to the client after completion of test.

9.0 Other Conditions:

9.1 The Agency's reporting shall be of recommendatory nature informing the client about the quality of materials, based on results and field observations.

9.2 The Specific tests required will be given to the Agency by the respective Field Executive Engineer and/or above IDA Officials.

9.3 In case of emergency, Agency will have to submit specific report of that concerned work as indicated by the client.

10.0 Duration of Agreement:

One year from the date of entering into Agreement and can be extended to such duration as felt by client from time to time on mutual agreement.

FORM F—1

(To be filled by Agency on letter head)

From

To,

Sub: - Regarding empanelment of ISO certified & NABL accredited Laboratories at common rates for the works being executed in IDA, Patna.

Sir,

I / We Consultant/ Agency/ organization here with enclose Technical & Financial Proposal for selection of my/ our Agency for Empanelment of NABL Laboratories at common rates for all the works executed in IDA.

We undertake that, in competing for (and, if the award is made to us, in executing) the above contract, we will strictly observe the laws against fraud and corruption in force in India namely "Prevention of Corruption Act 1988"

Yours faithfully

Signature

Full Name:

Address:

Authorized Representative



FORM F — 2
ASSIGNMENT OF SIMILAR NATURE
SUCCESSFULLY COMPLETED DURING LAST 3 YEARS

S.No.	Description of Assignment	Client / Employer	Cost of assignment	Period of assignment	Date of commencement	Date of completion
1	2	3	4	5	6	7

Note: Please attach certificates from the employer by way of documentary proof (issued by the officer of rank not below Executive Engineer or equivalent).



FORM F—3

ASSIGNMENT OF SIMILAR NATURE SUCCESSFULLY COMPLETED FOR 1 YEAR IN
GOVT.ORGANIZATION

S.No,	Description of Assignment	Client / Employer	Cost of assignment	Period of assignment	Date of commencement	Date of completion
1	2	3	4	5	6	7

Note: Please attach certificates from the employer by way of documentary proof (issued by the officer of rank not below Executive Engineer or equivalent).



FORM F — 4
LIST OF EQUIPMENTS FOR TESTING IN THE LABORATORY
(To be filled by Agency)

SI, N o	Name of the equipment	Test Related



Sample Form of Agreement

Subject - Empanelment of the ISO &NABL Accredited Laboratories with common rates for all the works executed in IDA.

Draft Agreement for Assignment Carried out by Agency

Name of Agency:.....

1. Set out below are the terms and conditions under which (Name of Agency) has agreed to carry out for (Name of Client) the above mentioned assignment specified in the attached Terms of Reference and common rates approved by the MD, IDA.
2. For administrative purposes the Director (P.I) has been assigned to administer the assignment and to provide (Name of Agency) with all relevant information needed to carry out the assignment. The services will be required for the period fromto
3. The Director (PI), IDA may find it necessary to postpone or cancel the assignment and/ or shorten or extend its duration. In such case, every effort will be made to inform the Agency, as early as possible(notice of any changes). In the event of termination, the (Name of Agency) shall be paid for the services rendered for carrying out the assignment to the date of termination, and the (Name of Agency) will provide the Director (PI), IDA with any report or parts thereof or any other information and documentation gathered under this Agreement prior to the date of termination.
4. The services to be performed, the estimated time to be spent, and the reports to be submitted will be in accordance with the attached TOR.
5. This Agreement its meaning and interpretation and the relation between the parties shall be governed by the applicable laws.
6. This Agreement will become effective upon signing of this letter on behalf of (Name of Agency) and will terminate on.....or such other date as mutually agreed between the(Name of Client) and (Name of Agency)
7. Payments for the services will not exceed agreed rate plus prevailing GST.
The above cost Rs..... + GST includes all the cost related to carrying out the services and over head imposed on (Name of Agency).
8. The agency shall also maintain comprehensive general liability insurance, including contractual liability coverage adequate to cover the indemnity of obligation against all damages, costs, and charges and expenses for injury to any person of damage to any property arising out of, or in connection with, the services which result from the fault of (Name of Agency) or its staff.
The (Name of Agency) shall provide the (Name of Client) with certification thereof upon request.

9. The (Name of Agency) shall indemnify and hold harmless the Director (PI), IDA against any and all claims, demands, and/or judgments of any nature brought against IDA arising out of the services by the (Name of Agency) under this Agreement. The obligation under this paragraph shall survive the termination of this Agreement.

10. The Agency agrees that, during the term of this Agreement and after its termination, the Agency and any entity affiliated with the Agency, shall be disqualified from providing goods, works or services (other than the Services and any continuation thereof) for any project resulting from or closely related to the Services.

11. All reports and other documents or software submitted by (Name of Agency) in the performance of the services shall become and remain property of the IDA. The Agency may retain a copy of such documents but shall not use them for purposes unrelated to this Agreement without the prior written approval of the client.

12. The Agency undertake to carry out the assignment in accordance with the highest standard of professional and ethical competence and integrity, having due regard to the nature and purpose of the assignment and to ensure that the staff assigned to perform the services under this Agreement, will conduct themselves in a manner consistent herewith.

13. The Agency will not assign this Contract or sub-contract or any portion of it without the Client's prior written consent.

14. The (Name of Agency) shall pay the taxes, duties fee, levies and other impositions levied under the Applicable law and the Client shall perform such duties in this regard to the deduction of such tax as may be lawfully imposed.

15. The (Name of Agency) agree that all knowledge and information not within the public domain which may be acquired while carrying out this Agreement, shall be, for all time and for all purpose (except when it is required to be disclosed by law), regarded as strictly confidential and held in confidence, and shall not be directly disclosed to any person whatsoever, except with the written permission of the Director (PI), IDA with approval of MD, IDA.

16. Any dispute arising out of the Agreement which cannot be amicably settled between the parties shall be referred to adjudication/ arbitration in accordance with the provisions made in **Bihar Public Works Contract Disputes Arbitration Tribunal Act, 2008**"

17. In case of abandonment of the work by (Name of Agency). The Director (PI), IDA will have a right to forfeit the earnest money deposited by the Agency.

18. All the terms and condition will be strictly followed as per detailed NIT.

Place: Patna

Date:

**(Signature of Authorized Representative on
behalf of Agency)**



**(Signature & Name of
the Client's
Representative)**

Part II

Financial Proposal

2

SCHEDULE OF PRICE BID

Subject — Empanelment of ISO & NABL Accredited Laboratories for all Works of Infrastructure Development Authority (IDA) for the period from of one year.

I/We, authorized representatives of
M/s.....

quote

the following rates for offering our services for conducting required tests of the works of **Infrastructure Development Authority (IDA)**.

I/We Understand that,

- a) Rates quoted are inclusive of all expenses and all taxes but excluding GST
- b) These rates remain constant during entire contract period and extended period if any and under no circumstances escalation is permitted.

List of Tests by ISO & NABL Laboratories and the charges for the tests to be quoted

Sl. No.	Tests	Charges for testing (Excluding GST)	
		Rs. in Figures	Rs. in Words
1	COARSE AGGREGATE		
a	Sieve analysis		
b	Water Absorption		
c	Specific Gravity		
d	Impact Value		
e	Abrasion Value		
f	Crushing Value		
g	Flakiness and Elongation Index		
h	Soundness		
2	FINE AGGREGATES		
a	Fineness Modulus (Sieve Analysis)		
b	Silt & Clay Content (Wet Sieving)		
c	Bulk Density(Loose & Rodded)		
3	Granular Layers (GSB and WMM)		
a	G.S.B. Gradation		
b	W.M.M. Gradation		
c	Field Density by sand replacement method		

4	CONCRETE		
a	Collection and Testing (Compressive Strength) of C.C. Cubes (3 Cubes)		
b	Testing (Compressive Strength) of C.C. Cubes (3 Cubes)		
c	Concrete Mix Design (With all Tests on basic materials)		
d	Flexural strength (on Beam)		
e	Concrete mix design by Accelerated curing method (Boiling water method)		
5	CONCRETE PAVING BLOCKS		
a	Compressive Strength (8 Blocks)		
b	Water Absorption		
c	Flexural Strength		
d	Abrasion Resistance		
6	MORTAR		
a	Compressive Strength		
7	CORE EXTRACTION & TESTING		
a	Only extraction of core samples in concrete pavement upto Grade M50 & Capping		
b	Extraction of core samples in concrete pavement upto Grade M50, Capping, testing for thickness, density & strength		
c	Only extraction of core samples in bituminous flexible pavement		
d	Extraction of core samples in bituminous flexible pavement, testing for density		
8	Non Destructive Tests on RCC Structures		
a	Rebound Hammer		
b	Ultrasonic Pulse velocity		
9	BITUMEN		
a	Penetration		
b	Softening Point		
c	Specific Gravity		
d	Viscosity		
e	Elastic Recovery		
f	Thin Film Oven Test (For Modified Bitumen)		
g	Separation test for Modified Bitumen		
10	BITUMINOUS MIX		
a	Bituminous Extraction test		
b	Marshall Stability & Flow measurement (3 Agreementlds)		
c	Density by sand replacement method		

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d	Sieve analysis (Gradation)		
11	BITUMINOUS EMULSION		
a	% Residue Test		
b	Viscosity		
12	CURING COMPOUND		
a	Water loss and curing efficiency		
b	Curing test for performance		
13	STEEL BAR TESTING		
a	Upto 16mm (3 Bars)		
	Physical Tests:		
	Tensile strength,		
	% Elongation,		
	Yield Stress;		
b	Above 16mm (3 Bars)		
	Weight-Per Meter,		
	Bend /Re-bend Test,		
	Proof Stress,		
	Modulus of elasticity.		
c	Chemical Tests: (Carbon, Sulphur, Phosphorous)		
14	STRUCTURAL STEEL		
	Physical Properties:		
a	Tensile strength, Weight Per Meter, Bend / Re-bend Test.		
b	Chemical Properties		
c	Dye penetration test on Welded joint		
d	USPV Test		
e	X-Ray Test		
15	CLAY / FLY ASH BRICKS		
a	Compressive Strength (5 Bricks)		
b	Water Absorption		
16	Cement / Concrete blocks (AAC, Solid, Hollow)		
a	Compressive Strength (8 Bricks)		
b	Water Absorption		
c	Block Density		
17	MANHOLE COVERS / CATCHPIT COVERS		
a	Dimensional & Load test		
18	TILES — CERAMIC / GLAZED		
a	Flexural Strength		
b	Water Absorption		
c	Centre Curvature		
d	Edge Curvature		

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19	TILES - CHEQUERED		
a	Flatness		
b	Straightness		
c	Water Absorption		
d	Abrasion		
e	Wet Transverse Strength		
20	WATER		
a	Suitability for Concreting		
b	pH (only)		
c	Hardness		
21	TUBES/PIPES (MS, GI, Steel, Stainless steel)		
a	Thickness / Weight per meter		
b	Tensile Tests		
c	Chemical Tests		
22	STONE WARE PIPES		
a	Absorption Test		
b	Acid Resistance		
c	Alkali Resistance		
d	Crushing Strength		
23	G.I. CHAINLINK / MESH		
a	Tensile Strength		
b	Thickness / gauge		
c	Chemical Tests		
24	FLUSH DOOR SHUTTER		
a	Glue, knife & End immersion		
b	Moisture content		
25	PAINT 1 THERMOPLASTIC PAINT		
a	Glass bead contents & grading analysis		
b	Reflectivity Index Test (Night & Day)		
26	REFLECTIVE PAVEMENT MARKERS		
a	Breaking Load		
27	SOIL TESTING		
a	Liquid & Plastic Limit		
b	Soaked CBR		
c	Field Density		
d	Direct Shear Test		
e	Moisture Content & Bulk Density		
28	ROAD SIGN BOARD		
a	Retro Reflective Test		
29	Wood		
A	Moisture content		
b	Density		



c	Tensile Strength		
d	Hardness		
Note :			
	Any Other Test:		

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