



BIDDING DOCUMENT

FOR

**Supply ,Instasllation and Commissining of Laboratory/Field
Equipments and Accessories for Materials Testing Laboratory
of National Building Research Organisation**



NATIONAL BUILDING RESEARCH ORGANIZATION

MINISTRY OF DISASTER MANAGEMENT

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Section II. Bidding Data Sheet (BDS)

The following specific data for the goods to be procured shall complement, supplement, or amend the provisions in the Instructions to Bidders (ITB). Whenever there is a conflict, the provisions herein shall prevail over those in ITB.

ITB Clause Reference	A. General
ITB 1.1	The Purchaser is: National Building Research Organization
ITB 1.1	<p>The name and identification number of the Contract are: Supply Instalation and Commissining of Laboratory/Field Equipments and Accessories for Materials Testing Laboratory of National Building Research Organisation</p> <p>The number, identification and names of the lots comprising this procurement are: NBRO/ BMD/ PRO/ 19/ 004</p>
ITB 2.1	The source of funding is: Government of Sri Lanka
ITB 4.4	Foreign bidders <i>are not allowed to participate in bidding.</i>
	B. Contents of Bidding Documents
ITB 7.1	<p>For <u>Clarification of bid purposes</u> only, the Purchaser's address is: Attention: Head/Building Materials Research & Testing Division Address: Building Material Research & Testing Division, National Building Research Organization, 99/1, Jawatta Road, Colombo 05 Telephone: 011-2588946 Facsimile number: 011-2589943 Electronic mail address: <u>nbro@sltnet.lk</u></p>
	C. Preparation of Bids
ITB 11.1 (e)	<p>The Bidder shall submit the following additional documents:</p> <ol style="list-style-type: none"> 1. <i>Certificate of Business registration or incorporation of the company (Certified Copy);</i> 2. <i>Manuals of Lab/Field Equipments and Accessories</i> <p><i>The following shall be considered favorably:</i> <i>Testing certificates from a reputed organization in Sri Lanka or abroad for the items offered to justify the strength, quality and performance. ISO certification is preferred.</i></p>
ITB 14.3	The bidders may quote following minimum quantities:

	Bidders are not allowed to quote less than 02 items of the relevant quantities
ITB 15.1	The bidder shall quote the local expenditure in Sri Lankan Rupees.
ITB 17.3	Period of time the Goods are expected to be functioning (for the purpose of spare parts): 10 years
ITB 18.1 (b)	After sales service is: required
ITB 19.1¹	The bid shall be validity until 06.12.2019 . (120 days from date of bid opening)
ITB 20.1	(a) Bid shall include a Bid Security (issued by bank acceptable to Central Bank of Sri Lanka) included in Section IV Bidding Forms
ITB 20.2²	<p>The amount of the Bid Security shall be: Rs 60,000.00</p> <p><i>The validity period of the bid security shall be until 06.12.2019(120 from date of bid opening)</i></p> <p>Bid Security shall be a Bank guarantee issued by a reputed bank acceptable to Central Bank of Sri Lanka</p>
	D. Submission and Opening of Bids
ITB 22.2 (c)	<p>The inner and outer envelopes shall bear the following identification marks: Bid Name : Supply,Instasllation and Commissining of Laboratory/Field Equipments and Accessories for Materials Testing Laboratory of National Building Research Organisation</p> <p>Identification No : NBRO/ BMD/ PRO/ 19/ 004</p>
ITB 23.1	<p>For bid submission purposes, the Purchaser's address is:</p> <p>Attention: Chairman Procurement Committee</p> <p>Address: National Building Research Organization, 99/1, Jawatta Road, Colombo 05</p> <p>The deadline for the submission of bids is:</p> <p>Date: 08.08.2019 Time:13.00 hrs.</p>
ITB 26.1	<p>The bid opening shall take place at: Auditorium of NBRO</p> <p>Address: 99/1, Jawatta Road, Colombo 05.</p> <p>Date: 08.08.2019</p> <p>Time: :13.00 hrs.</p>

	E. Evaluation and Comparison of Bids
ITB 34.1	Domestic preference “ <i>shall not</i> ” be a bid evaluation factor.
ITB 35.3(d)	<p>The adjustments shall be determined using the following criteria, from amongst those set out in Section III, Evaluation and Qualification Criteria:</p> <p>(a) Deviation in Delivery schedule: Option 1 is selected and the adjustment is not applicable</p> <p>(b) Deviation in payment schedule: No</p> <p>(c) the cost of major replacement components, mandatory spare parts, and service: <i>Yes.</i> The Purchaser will make its own assessment of the cost of these deviations or deficiencies for the purpose of ensuring fair comparison of Bids.</p> <p><i>[insert any other specific criteria]</i></p>
ITB 35.4	<p>The following factors and methodology will be used for evaluation:</p> <p>Eligibility of Bidder</p> <ul style="list-style-type: none"> • Eligibility of Bidders; • Arithmetical errors • Omissions • Delivery schedule or time for completion; • Efficiency of the equipment; • Capacity; • Spare parts; • After sale services; • Payment schedule; • Operating costs; • Financial capability to supply equipments; • Past Experience and qualifications of the lowest evaluated and substantially responsive bidder; • Manufacturer’s authorization to demonstrate that the bidder is duly authorized to supply the goods

Section IV. Bidding Forms

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Bid-Securing Declaration
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Bid Submission Form

[The Bidder shall fill in this Form in accordance with the instructions indicated No alterations to its format shall be permitted and no substitutions shall be accepted.]

Date: *[insert date (as day, month and year) of Bid Submission]*

No.: *[insert number of bidding process]*

To: **Chairman, Department Procurement Committee, National Building Research Organization**

We, the undersigned, declare that:

- (a) We have examined and have no reservations to the Bidding Documents, including Addenda No.: *[insert the number and issuing date of each Addenda]*;
- (b) We offer to supply in conformity with the Bidding Documents and in accordance with the Delivery Schedules specified in the Schedule of Requirements the following Goods and Related Services
Supply of Laboratory/Field Equipments and Accessories for Materials Testing Laboratory of National Building Research Organisation
- (c) The total price of our Bid without VAT, including any discounts offered is: *[insert the total bid price in words and figures]*;
- (d) The total price of our Bid including VAT, and any discounts offered is: *[insert the total bid price in words and figures]*;
- (e) Our bid shall be valid for the period of time specified in ITB Sub-Clause 18.1, from the date fixed for the bid submission deadline in accordance with ITB Sub-Clause 23.1, and it shall remain binding upon us and may be accepted at any time before the expiration of that period;
- (f) If our bid is accepted, we commit to obtain a performance security in accordance with ITB Clause 43 and CC Clause 17 for the due performance of the Contract;
- (g) We have no conflict of interest in accordance with ITB Sub-Clause 4.3;
- (h) Our firm, its affiliates or subsidiaries—including any subcontractors or suppliers for any part of the contract—has not been declared blacklisted by the National Procurement Agency;
- (k) We understand that this bid, together with your written acceptance thereof included in your notification of award, shall constitute a binding contract between us, until a formal contract is prepared and executed.
- (l) We understand that you are not bound to accept the lowest evaluated bid or any other bid that you may receive.

Signed: *[insert signature of person whose name and capacity are shown]*
In the capacity of *[insert legal capacity of person signing the Bid Submission Form]*

Name: *[insert complete name of person signing the Bid Submission Form]*

Duly authorized to sign the bid for and on behalf of: *[insert complete name of Bidder]*

Dated on _____ day of _____, _____ *[insert date of signing]*

Price Schedule

*[The Bidder shall fill in these Price Schedule in accordance with the instructions indicated. The list of line items in column 1 of the **Price Schedules** shall coincide with the List of Goods and Related Services specified by the Purchaser in the Schedule of Requirements.]*

PRICE SCHEDULE FOR SUPPLY ,INSTASLLATION AND COMMISSINING OF LABORATORY/FIELD EQUIPMENTS AND ACCESSORIES

1	2	3	4	5	6	7	8	8	9	10
Line Item No.	Description of Goods or related services	Unit	Qty	Unit price (inclusive of duties, sales and other taxes)Excluding VAT (Rs)	Price per line item (Col. 4x5) Rs	Total Price Excluding VAT Rs	Discount(if any	Discounted Total price (if any) excluding VAT	VAT Rs	Total Price Including VAT (Col. 8+9) Rs
1	Digital Pull Off (Bond) Strength Tester 16kN cod capacity with all accessories	No	01							
2	Coating thickness gauges with Flexible Connecting Rod/ Probe with all accessories	No	01							
3	Phyknometer Large (for Coarse Aggregate) (500,1000,2000ml each)	No	03							
4	Ceramic Pot Mill 5 liter capacity	No	02							
5	Chloride Electrode for chloride kit	No	02							
6	Diamond Concrete Core Drilling Bit (50,75,100,150mm dia.) compatible to NBRO Drilling machine	No	Each 04 & 150mm 01 no.							
7	Electronic balance 30-40kg with under balance weighing facility for specific gravity test	No	01							
8	Dial gauges with rear mount travel length 30mm & 50 mm lease count 0.01mm	No	Each 03							
9	Dial gauge magnetic holder	No	06							
10	Sieve Shaker Electromagnetic 200mm-350mm dia.	No	01							
11	PH meter and standard buffers pH4, pH7, pH9	No	01							
12	Data logger – K type probe(2) Thermocouples (1200 °C)	No	01							

Bid Guarantee

[this Bank Guarantee form shall be filled in accordance with the instructions indicated in brackets]

----- *[insert issuing agency's name, and address of issuing branch or office]* -----

Beneficiary: National Building Research Organization, 99/1, Jawatta Road, Colombo 5.

Date: ----- *[insert (by issuing agency) date]*

BID GUARANTEE No.: ----- *[insert (by issuing agency) number]*

We have been informed that ----- *[insert (by issuing agency) name of the Bidder; if a joint venture, list complete legal names of partners]* (hereinafter called "the Bidder") has submitted to you its bid dated ----- *[insert (by issuing agency) date]* (hereinafter called "the Bid") for the supply of *[insert name of Supplier]* under Invitation for Bids No. ----- *[insert IFB number]* ("the IFB").

Furthermore, we understand that, according to your conditions, Bids must be supported by a Bid Guarantee.

At the request of the Bidder, we ----- *[insert name of issuing agency]* hereby irrevocably undertake to pay you any sum or sums not exceeding in total an amount of ----- *[insert amount in figures]* ----- *[insert amount in words]* upon receipt by us of your first demand in writing accompanied by a written statement stating that the Bidder is in breach of its obligation(s) under the bid conditions, because the Bidder:

- (a) has withdrawn its Bid during the period of bid validity specified; or
- (b) does not accept the correction of errors in accordance with the Instructions to Bidders (hereinafter "the ITB"); or
- (c) having been notified of the acceptance of its Bid by the Purchaser during the period of bid validity, (i) fails or refuses to execute the Contract Form, if required, or (ii) fails or refuses to furnish the Performance Security, in accordance with the ITB.

This Guarantee shall expire: (a) if the Bidder is the successful bidder, upon our receipt of copies of the Contract signed by the Bidder and of the Performance Security issued to you by the Bidder; or (b) if the Bidder is not the successful bidder, upon the earlier of (i) our receipt of a copy of your notification to the Bidder that the Bidder was unsuccessful, otherwise it will remain in force up to ----- *(insert date)*

Consequently, any demand for payment under this Guarantee must be received by us at the office on or before that date. _____

[signature(s) of authorized representative(s)]

Manufacturer's Authorization

[The Bidder shall require the Manufacturer to fill in this Form in accordance with the instructions indicated. This letter of authorization should be on the letterhead of the Manufacturer and should be signed by a person with the proper authority to sign documents that are binding on the Manufacturer. The Bidder shall include it in its bid, if so indicated in the BDS.]

Date: *[insert date (as day, month and year) of Bid Submission]*
No.: *[insert number of bidding process]*

To: *[insert complete name of Purchaser]*

WHEREAS

We *[insert complete name of Manufacturer]*, who are official manufacturers of *[insert type of goods manufactured]*, having factories at *[insert full address of Manufacturer's factories]*, do hereby authorize *[insert complete name of Bidder]* to submit a bid the purpose of which is to provide the following Goods, manufactured by us *[insert name and or brief description of the Goods]*, and to subsequently negotiate and sign the Contract.

We hereby extend our full guarantee and warranty in accordance with Clause 27 of the Conditions of Contract, with respect to the Goods offered by the above firm.

Signed: *[insert signature(s) of authorized representative(s) of the Manufacturer]*

Name: *[insert complete name(s) of authorized representative(s) of the Manufacturer]*

Title: *[insert title]*

Duly authorized to sign this Authorization on behalf of: *[insert complete name of Bidder]*

Dated on _____ day of _____, _____ *[insert date of signing]*

Section V. Schedule of Requirements

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1. List of Goods and Delivery Schedule
2. List of Related Services and Completion Schedule
3. Technical Specifications
- 4.. Drawings
5. Inspections and Tests

1. List of Goods and Delivery Schedule

The delivery period shall start as of the date of contract signing.

Bidder should complete his obligations under this bid (including obligations under related services i.e. delivery) within **45 days** from the date of signing the contract. Bids with delivery period more than the period specified above shall be treated as non-responsive and rejected.

If the successful bidder fails to complete his obligations under this contract within the period specified above, the purchaser may deduct a sum equivalent to the percentage specified in GCC 27.1 from the Contract price, as liquidated damages

Item No.	Description of Goods or Related Services	Unit	Qty	Location	Required Arrival Date of Goods or Completion Date for Related Services	Bidder's Offered Delivery Date (to be provided by the bidder)
1	Digital Pull Off (Bond) Strength Tester 16kN cod capacity with all accessories	No	01	NBRO	45 days	
2	Coating thickness gauges with Flexible Connecting Rod/ Probe with all accessories	No	01		45 days	
3	Phyknometer Large (for Coarse Aggregate) (500,1000,2000ml each)	No	03		45 days	
4	Ceramic Pot Mill 5 liter capacity	No	02		45 days	
5	Chloride Electrode for chloride kit	No	02		45 days	
6	Diamond Concrete Core Drilling Bit (50,75,100,150mm dia.) compatible to NBRO Drilling machine	No	Each 04 & 150mm 01 no.		45 days	
7	Electronic balance 30-40kg with under balance weighing facility for specific gravity test	No	01		45 days	
8	Dial gauges with rear mount travel length 30mm & 50 mm least count 0.01mm	No	Each 03		45 days	
9	Dial gauge magnetic holder	No	06		45 days	
10	Sieve Shaker Electromagnetic 200mm- 350mm dia.	No	01		45 days	
12	pH meter and standard buffers pH4, pH7, pH9	No	01		45 days	
13	Data logger – K type probe(2)	No			45 days	

TECHNICAL SPECIFICATIONS

[The Technical specifications may be provided in the following format. The bidder shall fill the columns 5 and 6. Bidder's failure to provide the information requested in the columns 5 and 6 be a reason for the rejection of the bid. If any discrepancy is observed between the information provided by the bidder in the columns 5 and 6 and the other technical information attached to the bid, the information provided herein shall take precedence.]

1	2	3	4	5	6
Item No.	Name of Goods or Related Services	Sub Component	Purchaser's Requirements	Bidder's Offer	
			Technical Description, Specifications, and Standards	Yes /No	Information on Bidder's Offer ¹
1		Warranty period			
		After sale services			
		Country of Origin	To be specified		
		Manufacturer	To be specified		
		Purpose			
		Type			
2					
1	2	3	4	5	6

4. Drawings

Not Applicable

5. Inspections and Tests

The following inspections and tests shall be performed: not applicable

Section VII. Contract Data

The following Contract Data shall supplement and / or amend the Conditions of Contract (CC). Whenever there is a conflict, the provisions herein shall prevail over those in the CC.

CC 1.1(i)	The Purchaser is: National Building Research Organization
CC 1.1 (m)	The Project Site(s)/Final Destination(s) is/are: 99/1, Jawatta Road, Colombo 05
CC 8.1	<p>For <u>notices</u>, the Purchaser's address shall be:</p> <p>Attention: Director General</p> <p>Address: National Building Research, Organization, 99/1, Jawatta Road, Colombo 05.</p> <p>Telephone: 011-2588946 Facsimile number: 011-502611</p> <p>Electronic mail address: nbro@sltnet.lk</p>
CC 12.1	Details of Shipping and other Documents to be furnished by the Supplier are <i>Not applicable</i> .
CC 15.1	<p>The method and conditions of payment to be made to the Supplier under this Contract shall be as follows:</p> <p>A: For Goods offered within Sri Lanka</p> <p>Payment shall be made in Sri Lanka Rupees within thirty (30) days of presentation of claim supported by a certificate from the Purchaser declaring that the Goods have been delivered and that all other contracted Services have been performed.</p> <p>(i) On Delivery: Up to a maximum of Eighty (80) percent of the Contract Price, shall be paid on receipt of the Goods and upon submission of the documents specified in CC Clause 12.</p> <p>(ii) On Acceptance: The remaining Twenty (20) percent of the Contract Price shall be paid to the Supplier within thirty (30) days after the date of the acceptance certificate for the respective delivery issued by the Purchaser.</p>
CC 17.1	A Performance Security Shall be required
CC 17.3	Performance Security in an appropriate amount of not less than 10% (ten percent) of the estimated contract sum may also cover warranty obligations.

CC 25.1	The inspections and tests shall be : Prior to delivery respective items shall be checked against the sample approved (if any)and with the specifications mentioned in the bidding document.
CC 25.2	The Inspections and tests shall be conducted at :National Building Research Organization,99/1,Jawatta Road,Colombo 05
CC 26.1	The liquidated damage shall be: 0.5% per week
CC 26.1	The maximum amount of liquidated damages shall be 10% of contract price