

DEMOCRATIC SOCIALIST REPUBLIC OF SRI LANKA

MINISTRY OF HIGHWAYS

ROAD DEVELOPMENT AUTHORITY



BIDDING DOCUMENT

FOR

**RECONSTRUCTION OF BRIDGE NO. 5/5 ON IDANGODA
AYAGAMA ROAD**

CONTRACT NO: RDA/MM/SAB/LBF(BR)/2021/29

BID SUBMITTED BY

.....
[Name of the Bidder]

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Project Location Map

Reference Only

This Bidding Document has two parts, namely, Volume 1 and Volume 2.

The bidders are expected to buy the following Standard Bidding Document from the Institute for Construction Training and Development (ICTAD): -

STANDARD BIDDING DOCUMENT
PROCUREMENT OF WORKS
SECOND EDITION – JANUARY 2007 with addendum issued in October 2009 by ICTAD
ICTAD PUBLICATION NO. – ICTAD/SBD/01

This Bidding Document shall be read in conjunction with the above Standard Bidding Document.

The Address of CIDA is

Construction Industry Development Authority
'Savsiripaya'123, Wijerama Mawatha,
Colombo-07

VOLUME-1

Reference Only

VOLUME 1

- Section 1** Instructions to Bidders
- Section 2** Standard Forms (Contract)
- Section 3** Conditions of Contract

Reference Only

Section-1

Instruction to Bidders

The text of this 'Instructions to Bidders' is found in the
'Standard Bidding Document Procurement of Works'
ICTAD Publication No. ICTAD/SBD/01 – Second Edition – January 2007 with Addendum issued in October 2009 by ICTAD

This publication is copyright and bidders, if they do not already possess a copy, may obtain it from:
Construction Industry Development Authority
'Savsiripaya'
123, Wijerama Mawatha
Colombo-07

This has to be read in conjunction with Addendum of SBD/01 issued in October 2009 by ICTAD and Section – 5 – 'Bidding Data and Contract Data' of this Bidding Document. Wherever the Clauses of the Section -1 – 'Instruction to Bidders' have to be modified and/or supplemented, it is done through the text in the Section -5 – 'Bidding Data and Contract Data'.

Section-2

Standard Forms (Contract)

- Letter of Acceptance
- Performance Guarantee
- Form of Agreement
- Advance Payment Security
- Retention Money Guarantee

FORM OF LETTER OF ACCEPTANCE

_____ [Date]

[Contractor's Name & Address]

This is to notify you that your bid dated for the construction and remedying the defects of the **RECONSTRUCTION OF BRIDGE NO. 5/5 ON IDANGODA AYAGAMA ROAD** Contract No: **RDA/MM/SAB/LBF(BR)/2021/29** for the Contract Price of Rupees..... as corrected in accordance with Instruction to Bidders is hereby accepted.

You are hereby instructed to proceed with the execution of the said Works in accordance with the Contract Documents.

The Start Date shall be

The amount of Performance Security is.....

The Performance Security shall be submitted on or before

Director General
Road Development Authority

FORM OF PERFORMANCE SECURITY
(Unconditional)

.....
[Issuing Agency's Name, and Address of Issuing Branch or Office]

Beneficiary: Director General, Road Development Authority (hereinafter called and referred to as "the Employer" 1st Floor,"Maganeguma Mahamedura", Denzil Kobbekaduwa Mawatha, Koswatta ,Battaramulla.

Date:

PERFORMANCE GUARANTEE No.:

We have been informed that *[Name of Contractor]*
(hereinafter called, "the Contractor") has entered into Contract No. **RDA/MM/SAB/LBF(BR)/2021/29** dated with you, for the **RECONSTRUCTION OF BRIDGE NO. 5/5 ON IDANGODA AYAGAMA ROAD** (hereinafter called "the Contract").

Furthermore, we understand that, according to the Conditions of the Contract, a performance guarantee is required.

At the request of the Contractor, we *[name of Agency]* hereby irrevocably undertake to pay you any sum or sums not exceeding in total an amount of*[amount* in *figures]* (.....) *[amount in words]*, upon receipt by us of your first demand in writing accompanied by a written statement stating that the Contractor is in breach of its obligation(s) under the Contract, without your needing to prove or to show grounds for your demand or the sum specified therein.

This guarantee shall expire, no later than the day of202... *[28 days beyond the Completion date of the Project]* and any demand for payment under it must be received by us at this office on or before that date.

Name, Signature and the Seal of the Agency:

Name of the Organization
Designation
Date:

Witness:
Name NIC NoSignature
Name NIC NoSignature

FORM OF AGREEMENT

This Agreement made on the [day] of. [Month] 2021, between the Road Development Authority established by the Road Development Authority Act No. 73 of 1981, situated at "Maganeguma Mahamedura", No. 216, Denzil Kobbakaduwa MW, Battaramulla" (hereinafter called and referred to as " the Employer"), of the one part, and.....[name and address of Contractor])(hereinafter called and referred to as "the Contractor"), of the other part:

Whereas the Employer desires that the Contractor executes the **RECONSTRUCTION OF BRIDGE NO. 5/5 ON IDANGODA AYAGAMA ROAD** under the Contract No: **RDA/MM/SAB/LBF(BR)/2021/29** (hereinafter called and referred to as "the Works") and the Employer has accepted the Bid by the Contractor for the execution and completion of such Works and remedying of any defects therein.

NOW THIS AGREEMENT WITNESSETH as follows:

1. In this Agreement words and expressions shall have the same meanings as are respectively assigned to them in the Conditions of Contract hereinafter referred to, and they shall be deemed to form and be read and construed as part of this Agreement.
2. In consideration of the payments to be made by the Employer to the Contractor as hereinafter mentioned, the Contractor hereby covenants with the Employer to execute and complete the Works and remedy any defects therein in conformity in all respects with the provisions of the Contract.
3. The Employer hereby covenants to pay the Contractor in consideration of the execution and completion of the Works and remedying of defects therein, the Contract Price or such other sum as may become payable under the provisions of the Contract at the times and in the manner prescribed by the Contract.

In Witness whereof the parties hereto have caused this Agreement to be executed on the day and year aforementioned in accordance with laws of Sri Lanka.

.....

.....

Name

Director General,
Road Development Authority

Authorized Signatory of Contractor

Common Seal

In the presence of Witness:

In the presence of Witness:

.....

.....

Name

Name.....

NIC No.

NIC No.

Address

Address.....

FORM OF ADVANCE PAYMENT SECURITY

.....
[Name and address of Agency, and Address of Issuing Branch or Office]

Beneficiary: Director General, Road Development Authority (hereinafter called and referred to as "the Employer") 1st.Floor,"Maganeguma Mahamedura", Denzil Kobbekaduwa Mawatha, Battaramulla.

Date:

ADVANCE PAYMENT GUARANTEE No.:.....

We have been informed that [name of Contractor]
(hereinafter called, "the Contractor") has entered into Contract No: RDA/MM/SAB/LBF(BR)/2021/29 dated2021, with you, for the RECONSTRUCTION OF BRIDGE NO. 5/5 ON IDANGODA AYAGAMA ROAD (hereinafter called, "the Contractor")

Furthermore, we understand that, according to the Conditions of the Contract, an advance payment in the sum[amount in figures] (.....) [amount in words] is to be made against an advance payment guarantee.

At the request of the Contractor, we [name of issuing Agency] hereby irrevocably undertake to pay you any sum or sums not exceeding in total an amount of[amount in figures] (.....) [amount in words], upon receipt by us of your first demand in writing accompanied by a written statement stating that the Contractor is in breach of its obligation in repayment of the advance payment under the Contract.

The maximum amount of this guarantee shall be progressively reduced by the amount of the advance payment repaid by the Contractor.

This guarantee shall expire on[insert the date, 28 days beyond the Time for Completion]

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

Name, Signature and the Seal of the Agency:

Designation

Name of the Organization

Date:

Witness:

Name NIC NoSignature

Name NIC NoSignature

FORM OF RETENTION MONEY GUARANTEE

(Issuing Agency's Name and Address of Issuing Branch or Office)

Beneficiary: Director General, Road Development Authority (hereinafter called and referred to as "the Employer") 1st.Floor,"Maganeguma Mahamedura", Denzil Kobbekaduwa Mawatha, Battaramulla.

Date: -----

RETENTION MONEY GUARANTEE No.:-----

We have been informed that -----(name of Contractor) (hereinafter called "the Contractor") had entered into Contract No: **RDA/MM/SAB/LBF(BR)/2021/29** dated2021, with you, for the execution of **RECONSTRUCTION OF BRIDGE NO. 5/5 ON IDANGODA AYAGAMA ROAD** (hereinafter called "the Contract")

Furthermore, we understand that, according to the Conditions of Contract, when the works have been taken over and the first half of the Retention Money has been certified for payment, payment of the second half of the Retention Money may be made against a Retention Money guarantee.

At the request of the Contractor, we -----(name of agency) hereby irrevocably undertake to pay you any sum or sums not exceeding in total an amount of ----- (amount in figures)----- (amount in words) upon receipt by us of your first demand in writing accompanied by a written statement stating that the Contractor is in breach of its obligation under the Contract because the Contractor has not attended to the defects in accordance with the Contract.

The guarantee shall expire, at the latest, ----- (insert 28 days after the end of the Defects Notification Period). Consequently, any demand for payment under this guarantee must be received by us at this office on or before that date.

Name, Signature and the Seal of the Agency:

Name of the Organization

Designation

Date:

Witness:

Name NIC NoSignature

Name NIC NoSignature

Section-3

Conditions of Contract

The text of this 'Conditions of Contract' is found in the
'Standard Bidding Document Procurement of Works'

ICTAD Publication No. ICTAD/SBD/01 – Second Edition – January 2007 with Addendum issued in October 2009

This publication is copyright and bidders, if they do not already possess a copy, may obtain it from:

Construction Industry Development Authority

'Savsiripaya'

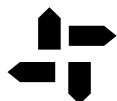
123, Wijerama Mawatha

Colombo-07

This has to be read in conjunction with Addendum of SBD/01 issued in October 2009 by ICTAD and Section – 5 – 'Bidding Data and Contract Data' of this Bidding Document. Wherever the Clauses of the Section -3 – 'Conditions of Contract Bidders' have to be modified and/or supplemented, it is done through the text in the Section -5 – 'Bidding Data and Contract Data'.

VOLUME-2

- Invitation For Bids
- Section 4 Form of Bid and Qualification Information
- Section 5 Bidding Data and Contract Data
- Section 6 Specifications
- Section 7 Bill of Quantities
- Section 8 Drawings
- Section 9 Standard Bid Forms



GOVERNMENT OF THE DEMOCRATIC SOCIALIST REPUBLIC OF SRI LANKA

Ministry of Highways

ROAD DEVELOPMENT AUTHORITY

INVITATION FOR BIDS (IFB)

The Chairman, procurement committee, on behalf of the Road Development Authority invites Sealed bids from eligible and qualified bidders for the following projects.

| Contract No. | Contract Name | Province | Engineer's Estimate (Ex.Contingencies) | Eligibility | Bid Security (Rs.) | Contract Period (calendar days) | bidding document fee (Rs.) |
|----------------------------|--|---------------|--|-----------------------|--------------------|---------------------------------|----------------------------|
| RDA/MM/SAB/LBF(BR)/2021/29 | Reconstruction of Bridge No. 5/5 on Idangada - Ayagama Road | Sabaragamuwa | 21.40 Mn | C5 & C4 only/Bridges | 365,000.00 | 180 | 3,500.00 |
| RDA/MM/SAB/LBF(BR)/2021/30 | Reconstruction of 12/2 Bridge on Magamma Kurupaththa Daigala Road | Sabaragamuwa | 76.73 Mn | C4 & C3 only/Bridges | 1,320,000.00 | 180 | 12,500.00 |
| RDA/MM/SAB/LBF(BR)/2021/31 | Reconstruction of Bridge No. 93/4 in Galle Deniyaya Madampe Road | Sabaragamuwa | 16.22 Mn | C6 & C5 only/Bridges | 275,000.00 | 180 | 3,500.00 |
| RDA/MM/NCP/LBF(BR)/2021/32 | Reconstruction of Three Cell Box Bridge For Bridge No. 87/1 On Maradankadawala Habarana Thirukkondiyadimadu Road | North Central | 21.13 Mn | C5 & C4 only/Bridges | 358,000.00 | 240 | 3,500.00 |
| RDA/MM/CP/LBF(BR)/2021/34 | Re -Construction of bridge no 3/6 on Carolina Norton Wanaraja Road | Central | 49.99 Mn | C4 & C3 Only/Bridges | 855,000.00 | 270 | 12,500.00 |
| RDA/MM/CP/LBF(BR)/2021/35 | Reconstruction of Bridge No 11/2 on Embilmegama Daulagala Panideniya Road | Central | 29.2 Mn | C5 & C4 only/Bridges | 500,000.00 | 270 | 3,500.00 |
| RDA/MM/NCP/LBF(BR)/2021/36 | Reconstruction of 41/2 Two Cell Box Bridge at Vauniya - Horowpothana Road (A-029) | North Central | 26.47 Mn | C5 & C4 only/Bridges | 450,000.00 | 240 | 3,500.00 |
| RDA/MM/WP/GOSL(WB)/2021/01 | Widening of Bridge No: 3/1 (Single Cell Box) on Ekala-Kotadeniyawa Road (B 111) | Western | 17.18 Mn | C5 & C6 only/Bridges | 291,000.00 | 180 | 3,500.00 |
| RDA/MM/SP/LBF(BR)/2021/37 | Reconstruction of Bridge No. 18/4 on Thihagoda-Kamburupitiya-Marawala-Kotapola Road | Southern | 105.74Mn | C4 & C3 only/Bridges | 1,825,000.00 | 360 | 20,000.00 |
| RDA/MM/SP/LBF(BR)/2021/38 | Reconstruction of Bridge No. 13/3 on Akuressa-Kamburupitiya Road | Southern | 52.28Mn | C4 & C3 only/Bridges | 1,082,000.00 | 360 | 12,500.00 |
| RDA/MM/SP/LBF(BR)/2021/39 | Reconstruction of Bridge No. 61/5 on Galle- Deniyaya-Madampe Road | Southern | 25.89Mn | C5 & C4 only/Bridges | 530,000.00 | 180 | 3,500.00 |
| RDA/MM/WP/RMTF/2021/40 | Improvement of frequently inundated sections at Ja-ela-Ekala- Gampaha Road | Western | 43.21 Mn | C4 & C3 only/Highways | 758,500.00 | 180 | 12,500.00 |
| RDA/MM/WP/CDA/2021/33 | Rehabilitation of Colombo-Hanwella Road- Galwana Junction to Ambatale Junction | Western | 37.98 Mn | C5& C4 only/Highways | 565,680.00 | 120 | 3,500.00 |
| RDA/MM/WP/GOSL/2021/13 | Widening of Culvert No: 4/4 (Single Cell Box) on Pitakotte-Thalawathugoda Road | Western | 15.51 Mn | C5 & C6 only/Bridges | 232,500.00 | 90 | 3,500.00 |

1. Bidding will be conducted through National Competitive Bidding Procedure. If the Total Cost Estimate of the procurements are below 50mn, Regional Preference according to table and CIDA grade preference shall be apply as stipulated in Public finance Circular No:04/2016(11) and 5% preference will be given to state owned Enterprises at the financial evaluation as Public finance circular No: 03/2020(1).

2.To be eligible for contract award, the successful bidders shall not have been blacklisted and shall be currently registered with the bridges/Highways specialty at Construction Industry Development Authority (CIDA) as given in the above table.

3. interested bidders may obtain further information from the following offices and refer the bidding document via www.rda.gov.lk from 29.06-2021.

(a) Director (MM), Road Development Authority, 6th Floor, 'Maganeguma Mahamedura', No. 216, Denzil Kobbekaduwa Mawatha, Battaramulla, Tel: 011-2882196; Fax: 011-2882195

(b) Provincial Director (Sabaragamuwa Province), Road Development Authority, Ratnapura. Tel: 045-2222608, 045-2223606, Fax-045-2222471

(c) Provincial Director (Central Province), Road Development Authority, Kandy. Tel: 081-2232119, 081-2226150, Fax-2237931

(d) Provincial Director (North Central Province), Road Development Authority, Anuradhapura. Tel: 025-2235201, Fax-025-2236886

(e) Provincial Director (Southern Province), Road Development Authority, Matara. Tel: 041-2222150, 041-2226109, Fax-041-2222413

(f) Provincial Director (Western Province), Road Development Authority, Colombo. Tel: 011-2887358, Fax-011-28875624, 011-2887623

4.The Pre-Bid meeting will be arranged for, on **08/07/2021 at 10.00 a.m.** at the Relevant Provincial Director's Office in above.

5. As per the public contract act No:3 of 1987, the bidders **of the tender shall be registered in the Department of registration of Companies.**

6. A complete set of Bidding Document in English Language shall be purchase by the interested bidders via email on submission of a written application and valid cash deposit slip of non – refundable tender fee (contact number and name of the contractor should be indicated on the cash deposit slip) to Director (Maintenance Management) , RDA via email from **29.06.2021** until **19.07.2021** during **09.00 hrs to 15.00 hrs** for each contract.

The email address is **dd1maint@gmail.com**

Non – refundable tender fee **as mention in above table** for each bidding document can be paid by depositing cash to the following bank account.

Account Name : Director General – RDA

Account Number : 0000001943

Bank Name : Bank of Ceylon – Corporate Branch

Original / valid cash deposit slips should be submitted with the Bids at the submission of bids and it will be checked. The bids without the original / valid cash deposit slip will be rejected.

7. Bid shall be valid up to 91 calendar days from the date closing of the Bid. Each bid shall be accompanied by a Bid Security as per given in the bidding Document for an amount indicated in the above table. Bid security shall be valid up to **16/11/2021**. Any Bid not accompanied by a valid Bid security will be rejected.

8.Bid, with original pay order, shall be delivered in duplicate to the Chairman, procurement committee, Road Development Authority, 6th Floor, Maganeguma Mahamedura', No. 216, Denzil Kobbekaduwa Mawatha, Battaramulla on or before 13.00 hrs. on **20/07/2021**.Late bids will be rejected. Bids will be opened soon after closing. online method will be exercised for the Bid opening. Zoom meeting link will be informed later.

**Chairman,
Procurement Committee,
Road Development Authority
1th Floor, 'Maganeguma Mahamedura',
Denzil Kobbekaduwa Mawatha, Battaramulla.**

Section - 4

Form of Bid and Qualification Information

Reference Only

FORM OF BID

RECONSTRUCTION OF BRIDGE NO. 5/5 ON IDANGODA AYAGAMA ROAD

Contract No: RDA/MM/SAB/LBF(BR)/2021/29

To: Director General,
Road Development Authority,

Gentlemen,

1. Having examined the Standard Bidding Document-Procurement of Works (ICTAD/SBD/01-Second Edition January 2007 with Addendum of SBD/01 issued in October 2009 by ICTAD) along with the Bidding Data, Contract Data, Specifications, Drawings and Bill of Quantities and addenda Nos..... for the execution of the above-named Works, we the undersigned, offer to execute and complete such Works and remedy any defect therein in conformity with the aforesaid Conditions of Contract, Specifications, Drawings,

Bill of Quantities and addenda Nos.....for the sum of Sri Lankan Rupees*.....
.....
..... (SL Rs*.....)

or such other sums as may be ascertained in accordance with the said Conditions.

2. We acknowledge that the Contract Data forms part of our Bid.
3. We undertake, if our Bid is accepted, to commence the Works as stipulated in the Contract Data, and to complete the whole of the Works comprised in the Contract within the time stated in the Contract Data.
4. We agree to abide by this Bid for the period of **91 days** from the time of closing of the Bids or any extended period to which we may agree and it shall remain binding upon us and may be accepted at any time before the expiration of that period.
5. Unless and until a formal Agreement is prepared and executed, this Bid together with your written acceptance thereof shall constitute a binding contract between us.
6. We understand that you are not bound to accept the lowest or any Bid you may receive.

Dated this day of2021. in the capacity ofduly authorized to sign tenders for and on behalf of

Name :(IN BLOCK CAPITALS)

Signature :

Designation -

Address :

.....

Witness : 1.Name..... Signature

2. Name Signature

***The amount inserted here should not include the VAT component.**

| Qualification Information | |
|--|--|
| CIDA Registration | Please attach photo copy of Original Documents (as annex -01) |
| Registration Number | |
| Grade & Speciality | |
| Expiry Date | |
| VAT Registration Number | (Attach as Annex 02) |
| Construction Program | (Attach as Annex 11) |
| Legal Status (Please attach photo copy of original documents as annex) | (Attach as Annex 03) |
| Authentication of Signatory | (Attach original with form of bid & a photo copy as Annex -04) |
| Value Of Construction works performed (Attach copy of Audited Financial Report) | (Attach as Annex 05) |
| year 2020 | |
| year 2019 | |
| Year 2018 | |
| year 2017 | |
| year 2016 | |

Details of Contract works in hand

(Attach as annex 06)

| Specialty | Name of the Contract | Name of the Client | Initial Contract Amount (Rs.) | Outstanding Work (Rs.) | Expected date of completion |
|--------------|----------------------|--------------------|-------------------------------|------------------------|-----------------------------|
| Highways* | | | | | |
| | | | | | |
| Bridges* | | | | | |
| | | | | | |
| Buildings* | | | | | |
| | | | | | |
| Irrigation* | | | | | |
| | | | | | |
| # | | | | | |
| | | | | | |
| Total | | | | | |

* Add additional rows to include all the current projects if needed

Provide additional speciality, to include all the current projects

Note – The bidders who do not provide all contract commitment shall be treated as non-responsive according to the clause 3.3 of ITB

Financial Data

As per Latest Audited Financial Statement

| | | |
|----|--|--|
| 1 | Current Assets | |
| 2 | Current Liabilities | |
| 3 | Working Capital (1-2) | |
| 4 | Value of Outstanding work in hand | |
| 5 | Line of Credit ** | |
| *6 | Available Liquid Asset {3 - (0.1) x 4+5} | |

* This amount shall be not less than the amount given in clause 4.4 of ITB

** Line of credit if provided shall strictly be as per the form given in Section -9. (Attach as Annex 07)

Similar Work Experience, Construction Equipment Proposed and Qualification & Experience of Key staff

| | |
|---|---|
| <p>Similar work completed in last 05 years (Attach LOA, Completion Certificate, documents to confirming similarity of work)</p> | <p>Value..... Year..... Employer Completed Date Description of work (Attach as Annex-08)</p> |
| <p>Major Items of Construction Equipment Proposed (Attach as Annex-09)</p> | <p>1. Type.....Capacity..... 2. Type.....Capacity..... 3. Type.....Capacity..... 4. Type.....Capacity..... 5. Type.....Capacity.....</p> |
| <p>Qualification and Experience of Key staff to be attached to the project Attach details of key personal CVs. Separately, proposed to be at site for supervision. (Attach as Annex-10)</p> | <p>Technical 1. 2. 3. Managerial 1 2 3</p> |

Details of Sub-Contractors

| Section of work | Approximate value | Name(s) & Address (es) of sub-contractors | Description & location of similar works previously executed |
|-----------------|-------------------|---|---|
| | | | |
| | | | |
| | | | |
| | | | |

| | |
|-----------------------|--|
| Personnel Data | |
| Name of Institution | |
| Address | |
| Telephone | |
| Facsimile | |
| Email address | |

Road Development Authority and its authorized representatives are hereby authorized to conduct any inquiries or investigations to verify the statements, documents, and information submitted in this connection and to seek clarification from our banks, any other agency or our clients regarding any financial and technical aspects.

Signature of the Bidder.....

Date

Section-5

Bidding Data and Contract Data

Reference Only

BIDDING DATA

Clause 1, Scope of Bid

Clause 1.1

- a) Employer is the Road Development Authority established by the Act No.73 of 1981.
b) Address of the Employer is: *Director General , Road Development Authority*

1st Floor, 'Maganeguma Mahamedura', Denzil Kobbekaduwa Mawatha, Battaramulla.
Telephone: 0112862795,
E-mail: rdadgo@gmail.com

The scope of the work is: **RECONSTRUCTION OF BRIDGE NO. 5/5 ON IDANGODA AYAGAMA ROAD**

The work consists of Reconstruction of Bridge.

The Site is located at the Ratnapura District.

Clause 1.2

Time for completion is **180 Calendar days** from the Start Date:

Clause 1.3

- (a) Further information can obtained from following offices and refer the bidding document via www.rda.gov.lk from 29.06.2021:
Provincial Director, (Sabaragamuwa Province), Road Development Authority,
Rathnapura
Tel: 045-2222608, 045-2223606, Fax: 045-2222471
ii. Director (MM), Road Development Authority, 6th Floor, 'Maganeguma Mahamedura',
Denzil Kobbekaduwa Mawatha, Battaramulla.
Tel: 011-2882196, 011-2046200: Ext 1612, Fax: 011-2882195

The non-refundable bidding document fee is Rs 3,500.00 Excluding VAT .

- b). A complete set of Bidding Document in English Language shall be purchase by the interested bidders via email on submission of a written application and valid cash deposit slip of non – refundable tender fee (contact number and name of the contractor should be indicated on the cash deposit slip) to Director (Maintenance Management) , RDA via email from 29.06.2021 until 19.07.2021 during 09.00 hrs to 15.00 hrs for each contract.

The email address is **dd1maint@gmail.com**

Non – refundable tender fee as mention in above table for each bidding document can be paid by depositing cash to the following bank account.

Account Name : Director General – RDA
Account Number : 0000001943
Bank Name : Bank of Ceylon – Corporate Branch

Original / valid cash deposit slips should be submitted with the Bids at the submission of bids

Clause 2, Source of Funds

Clause 2.1

Funded by Government of Sri Lanka (GOSL)

Clause 3, Ethics, Fraud and Corruption

Add a new sub-Clause 3.3

Clause 3.3

A misrepresentation or omission of facts in order to influence the procurement process shall make the Bid non-responsive and if detected after the award the bidder could be subjected to legal prosecution.

Clause 4, Qualification of the Bidder

Clause 4.2

The bidder shall be currently registered with the Construction Industry Development Authority (CIDA) (Previously called ICTAD) in **Grade C5 & C4 in Bridges specialty**.

Clause 4.3 Bidder shall provide in:

- CIDA registration particulars
 - Registration number
 - Specialty & Grade
 - Expiry Date
- VAT registration number.
- Legal status of the bidder (sole proprietor, Partnership, Company etc.)
- Authentication for signatory (written Power of Attorney)
- Audited Financial Statement for latest five years
- Evidence of adequacy of working capital for this contract (liquid assets & other)
- Experience in a work of similar nature and size in the last five years
- Work in hand and expected completion date
- Qualification and experience of key site management and technical personnel proposed for the Contract
- Major items of construction equipment proposed to carry out the Contract
- Authority to seek references from the bidder's bankers;
- Total monetary Value of construction work performed for each of the last five years.
- The Method statement of the way the bidders proposed to carry out the work
- Construction Program with critical path and cash flow forecast.
- A description and value of work, which the bidder proposes to sub-contract, together with the name and address of the proposed sub-contractors

Clause 4.4

- Average annual volume of construction work performed during the last five years shall be at least **Rs. 31.10 million**
- The bidder should have, during the last five years, completed the execution of at least one similar project as a main contractor, the value of which should be at least **Rs. 16.29 million**.
- Liquid Assets and / or credit facilities required

Minimum Liquid Assets available shall be **Rs. 12.09 million**

Minimum Liquid Assets Available is calculated as follows:

$X = (A - L) - 0.1 W + C$ where;

X = Minimum Liquid Assets available

A = Current Assets as given in the latest audited financial statements

L = Current Liabilities as given in the latest audited financial statements

W = Outstanding contractual commitments as supported by an affidavit as per Form given in Section 9

C = A project specific revolving line of credit given by a bank used by Form given in Section 9

Any Bidder who does not have the minimum liquid assets calculated on the above basis, required under Clause 4.4 shall be treated as non responsive.

Any bid which has to be supported by a project specific revolving line of credit, to meet the requirement of the Clause 4.4 but does not provide it strictly according to Form given in Section 9 shall be treated as non responsive.

The bidder shall submit an affidavit that he has declared all his other contractual commitments – specimen form attached in Section 9. But does not provide all current contract commitment shall be treated as non responsive according to the clause 3.3 of ITB

Reference Only

C. PREPARATION OF BID

Clause 9.1 Employer's address for the purpose of clarification is:

Provincial Director (Sabaragamuwa Province)

Road Development Authority,

Ratnapura

Tel: Tel: 045-2222608, 045-2223606, Fax-045-2222471

Clause 11.1 The language of the Bid shall be English.

Clause 13.3

VAT component shall not be included in the rates. The amount written in the Form of Bid shall be without VAT. However, VAT component shall be shown separately at the end of the BOQ.

Clause 13.4

The Contract is subjected to price adjustment in accordance with Clause 47 of the Conditions of Contract

Clause 15.1

The bid shall be valid for **91 Calendar days** from the time of closing of the Bids.

Clause 16.1

Bid shall include a Bid Security using the form included in Section 9.

Clause 16.2

Bid Security shall be:

- For an amount of Rs. 365,000.00, as per the format given in the bid document.
- Valid until 28 Calendar days beyond the validity of the Bid. i.e. 16/11/2021.
- Issued by an agency acceptable to the Employer using the form for bid security (unconditional guarantee) included in Section 9 – Standard Forms.
- Any bond or security issued by ABC Insurance Company Limited is not acceptable.

Clause 17.0

Pre-bid meeting will be held at the office of the Provincial Director's (Sabaragamuwa Province) Office, Road Development Authority, Ratnapura **at 10.00 a.m. on 08/07/2021**. Site visit will be arranged thereafter.

Clause 22, Modification of Withdrawal of Bids

Add the following additional clause

Clause 22.5a, The Discount offered should be entered in the boxes provided at the summary sheet of BOQ in figure and in words and discount in words shall take precedence over the any miscalculation of discount in figure.

D: SUBMISSION OF BID

Clause 19.2 (a)

The Employer's Address for the purpose of bid submission is -

Chairman, RDA Procurement Committee

C/o Director General, Road Development Authority,

1st Floor, 'Maganeguma Mahamedura', Denzil Kobbekaduwa Mawatha, Pelawatta, Battaramulla.

Clause 19.2 (b)

Contract Name: RECONSTRUCTION OF BRIDGE NO. 5/5 ON IDANGODA AYAGAMA ROAD

Contract No: RDA/MM/SAB/LBF(BR)/2021/29

Clause 20.1

The deadline for submission of bids shall be 1.00 p.m. on 20/07/2021.

F: AWARD OF CONTRACT

Clause 34.1

The Standard Form of Performance Security acceptable to the Employer shall be a Bank / Insurance Guarantee from a reputed Bank operating in Sri Lanka and accepted by the Treasury for issue of Guarantees. The amount of Performance Security is 5% (Five percent) of the Initial Contract Price. The Format of the Performance security shall be strictly in accordance with the specific format given in Standard Forms Section 2.

Clause 36

The Adjudicator proposed by the Employer is a member to be appointed by the Institution of Engineers, Sri Lanka (IESL)

Fees and types of reimbursable expenses to be paid to the Adjudicator shall be on a case-to-case basis and shall be shared equally by the Contractor and the Employer.

CONTRACT DATA

1.1.1 The Employer is the Director General, Road Development Authority established by the Act No 73 of 1981.

Address: Road Development Authority, 1st Floor, 'Maganeguma Mahamedura', Denzil Kobbekaduwa Mawatha, Battaramulla.

Name of Representative of the Employer: Provincial Director (Sabaragamuwa Province), Road Development Authority, Ratnapura.

1.1 The Engineer for the Contract is **Chief Engineer, Ratnapura.**

Address: Chief Engineer's Office, Road Development Authority, Ratnapura.

Telephone : 045-2222461

Engineer's Representative: Will be notified later

1.1 The work consists of construction of Bridge.

1.1 The scope of the work is : **RECONSTRUCTION OF BRIDGE NO. 5/5 ON IDANGODA AYAGAMA ROAD**

The Start Date shall be 14 calendar days from the receipt of the Letter of Acceptance.

8.1 Schedule of other Contractors: Public Utility Agencies

9.1 Schedule of Key Personnel: (Directly involved in the project)

Minimum persons with qualifications and experience to be defined,

- | | | |
|----|-------------------------|---|
| a. | Technical | Project Manager with B.Sc Civil Eng. & 10 years working experience in similar Nature. |
| b. | Contract Administration | Technical Supervisors with 7 years experience, Quantity Surveyor with 3 years working experience |

13.1 The minimum insurance covers shall be:

- The minimum cover for insurance of the Works, Temporary Works and of Plant and Materials is 110% of the Initial Contract price.
- The minimum for insurance of other property is Rs. 1 Million per occurrence with the third party, number of occurrences unlimited.

The minimum cover for personal injury or death,

- For the Contractor's workmen is Rs. 400,000/= per event
- Contractor's employees other than workmen is Rs. 550,000/= per event
- For third party and employees of the Employer and other persons engaged by the Employer is Rs. 550,000/= per event

For all the above the number of occurrence shall unlimited.

The insurance cover shall be valid from the Start Date to the end of the Defects Liability Period.

14.1 Information from the Site investigation, if so applicable and available, is shown on the Drawings.

17.1 The Intended Completion Date for the whole of Works shall be **180 Calendar days** from the Start Date.

- 21.1 The Site Possession Date shall be within 14 Calendar days from the date of Letter of Acceptance.
- 27.1 The Contractor shall submit a Programme for the Works within 07 Calendar days of the Letter of Acceptance.
Contractor shall work only during normal working days unless otherwise agreed with the Engineer or in unusual circumstances where the safety of the public or work is in jeopardy. Holidays declared by the RDA shall be treated as non-working days.
- 27.3 One Month.
- 27.4 2% of the Initial Contract Price in Rupees.
- 35.1 The Defects Liability Period is 1 year.
- 39.2 Engineer may order variations up to a total cumulative value of not exceeding the contingencies provided in the priced BOQ.
- 43.1 Replace the second sentence of Clause 43.1 “The Employer shall pay date of each certificate” with the following.
“The Employer shall pay the Contractor the amounts certified by the Engineer within 28 days of the date of each certificate.”
- 47.1 Price Adjustment

| Input Category | Input Index | Input Percentage |
|---------------------|-------------|------------------|
| Cement | M 3 | 9.98% |
| Earth | M 45 | 1.15% |
| FormworkTimber | M 21 | 3.34% |
| Fuel | P 3 | 4.21% |
| Heavy Equipment | P 2 | 10.96% |
| Light Equipment | P 1 | 1.72% |
| Metal | M 7 | 4.72% |
| Reinforcement Steel | M 13 | 15.04% |
| Road Metal | M 48 | 3.47% |
| S/Sk Labour | L 2 | 8.99% |
| Sand | M 8 | 6.87% |
| Sk Labour | L 1 | 9.62% |
| U/Sk Labour | L 3 | 9.92% |
| Total | | 90% |

- 48.1 The retention from each payment shall be 10% percent of the certified work done.
The limit of retention shall be 5 % of the Initial Contract Price.
- 49.1 The liquidated damages for the whole of the Works shall be **Rs.12,500.00 per Day**.

The maximum amount of Liquidated Damages for the whole of the works shall be 10% (ten percent) of the Initial Contract Price.

- 51.1 Replace the Sub-clause 51.1 with the following: -
'The Employer shall make advance payment to the Contractor in an amount equivalent to 20% of the Initial Contract Price less contingencies less Provisional Sums within 14 Days after furnishing of an unconditional guarantee in a form and by a bank acceptable to the Employer or from the Construction Guarantee Fund. The guarantee shall remain effective until the advance payment has been repaid, but the amount of the guarantee shall be progressively reduced by the amounts repaid by the Contractor. Interest will not be charged on the advance payment.
Advance Payment would be made in two equal instalments. The second Instalment would be paid only after establishing that the first instalment of the advance payment has been used exclusively for mobilization as per Cl. 51.2 and submission and approval of detailed construction programme with network analysis and resource scheduling.
- 52.1 The Performance Security shall be 5% percent of the Initial Contract Price and shall be issued by a Bank acceptable to the Employer.
- 58.1 As-Built Drawings shall be submitted to the Engineer within one month after the issuing of Certificate of Completion.
- 60.1 The percentage to apply to the value of the work not completed, representing the Employer's additional cost for completing the Works, is 25%
- 63 Clauses 63.2(b), 63.4, 63.5, 63.6 and 63.7 are not applicable.
- 63.3 Replace the text of Clause 63.3 with the following text: "The total sum paid to the Contractor shall include such amounts, for the work, supplies or services to plus an administrative charge of 10% on the invoiced cost will be paid to the Contractor for Provisional Sum of the Bill of Quantities."

Section–6

Specifications

Standard Specification
Particular Specification

Reference Only

Standard Specification

The Standard Specification comprise 'Standard Specification for Construction and Maintenance of Roads and Bridges' issued under the authority of the Director General of the Road Development Authority and published by the Construction Industry Development Authority (CIDA) former ICTAD.

The CIDA (former ICTAD) Publication No. of this Publication is SCA/5. Second Edition Published in June 2009

Bidders who are not in possession of this Publication can purchase it from the CIDA.

Particular Specification

This Particular Specification should be read in conjunction with the Standard Specification for Construction and Maintenance of Roads and Bridges, ICTAD Publication No SCA/5, which are applicable in all cases not covered herein.

The Particular Specification for some Sections of the works are comprehensive and cover the full extent of the works in these Sections. In other Sections they apply in conjunction with the Standard Specification. Finally in some Sections not covered in the Particular Specification, the Standard Specification shall apply in full.

Where there is an ambiguity or discrepancy between the Particular Specification and the Standard Specification, the Particular Specification shall prevail.

PRELIMINARIES & GENERAL

PRELIMINARIES & GENERAL

P(001) Mobilization and Demobilization

The Contractor shall submit to the Engineer within 14 days from the date of Letter of Acceptance his mobilization and demobilization plan for equipment, plant and machinery required for the Project. Plan shall include the location of plant, machinery and equipment and mode of transport. Engineer shall approve the mobilization and demobilization plan and payment shall be based on schedule of mobilization.

Payment

Payment shall be made according to the schedule submitted by bidder and within the lump sum amount agreed in the Bill of Quantities.

| Item No | Description | Pay Unit |
|---------|---|----------|
| P (001) | Allow for mobilization & demobilization Office for the Engineer | L.S. |

P(002) Provide & Maintain vehicle for Engineer

The Contractor shall provide and maintain an air-conditioned van with sound condition and year of manufacture 2015 or later for the use of Engineer. The contractor shall provide driver, fuel, etc. Cumulative usage of this vehicle shall not exceed 2500 km per month. The contractor shall provide an alternative vehicle if the supplied vehicle is under repair for more than 2 days. Vehicles will be measured in number of weeks for which they are provided and maintained.

Payment

Payment shall be made at the unit prices as contained in the Bill of Quantities. Payment will be made according to the rate accepted by the Engineer.

| Item No | Description | Pay Unit |
|---------|--|-----------|
| P (002) | Provide & maintain vehicle for the Engineer during the construction period | veh.month |

P(003) Engineer's technical & clerical staff

The contractor shall provide an Office Aide, Computer Operator cum Clerk and office watcher as requested by the Engineer.

Payment

Payment shall be made at the unit prices as contained in the Bill of Quantities. Payment will be made according to the rate accepted by the Engineer.

| Item No | Description | Pay Unit |
|---------|---------------------------------------|----------|
| P (003) | Engineer's technical & clerical staff | mth |

P(003) provide facilities for the Engineer

Stationary and other services including water, Electricity & Telephone Facilities

The Contractor shall install & maintain electricity, water and telephone services to the Engineer's office as directed by the Engineer.

The Contractor shall provide stationary for the engineer as required and duly requisition by the engineer. Stationary includes office consumable items such as paper, paper printing material and general office requisites. Payment for the stationary shall be the actual net price of stationary provided and equipment provided. Payment for invoiced cost with 10% administrative charge shall be the full payment for stationary provided and shall be made from the provisional sum item in the bill of quantities.

| Item No. | Description | Pay Unit |
|----------|---|----------|
| P (006) | Provide stationary and other services including Water, Electricity & Telephone facilities | PS |

Reference Only

Reference Only

Section-7

Bill of Quantities

BILL OF QUANTITIES

PREAMBLE

- 28 The Bill of Quantities shall be read in conjunction with all other bidding documents.
- 29 General directions and descriptions of work or materials given elsewhere in the bidding Documents are not necessarily repeated in the Bills of Quantities. For the full meaning of each Item, reference should be made to the applicable passages in the bidding Documents.
- 30 The prices and rates entered by the Contractor in the Bill of Quantities shall be deemed to cover the complete and finished works in the final position as required by the bidding Documents, including, inter alia, all costs and expenses which may be required in and for the construction and maintenance of the works, together with all risks, liabilities, contingencies, insurance, sampling, testing, providing all necessary assistance to the Engineer and in general all obligations imposed or implied by the contract.
- 31 Without affecting the generality of the foregoing provisions the prices and rates entered by the contractor in the Bills of Quantities shall also include, inter alia, all costs and expenses involved with or arising from the following:
- i The provision, storage, transport, handling, use, distribution and maintenance of all materials, plant, equipment, machinery and tools, including all costs, charges, dues demurrage or other outlays involved in carriage and importation.
 - li The provision and maintenance of all staff and labour and their payment, accommodation, transport, fares and other requirements.
 - lii Setting out, including the location, construction and preservation of survey markers, measurement and supervision.
 - lv The provision, storage, transport, use, handling, distribution and maintenance of all consumable stores fuel, water and electricity including the requirements of the Engineer's Representative and his staff.
 - v The location, test proving, opening, operation, reinstatement of all quarries and borrow pits, as well as compensation and mining royalties costs associated with quarries and borrow pits or any other land the contractor may require additional to that provided free for the execution of the permanent works.
 - Vi Sampling, the transport of samples, testing, the carrying out of trial sections of earthworks or payment and the checking of all information given by the Engineer.
 - Vii Injury caused to the Works under Construction, Plant, Materials and consumable stores by weather.
 - Viii Repairs to the Works either prior to or during the Period of maintenance.
 - lx Maintenance work as detailed in the Specifications and the Conditions of Contract and the maintenance of public amenities.
 - X Co-ordination with other Contractors or Authorities carrying out work either in connection with or adjacent to the Works.

- Xi The supply of manufacturers test certificates.
 - Xii The protection of mains and services, and cost of repairs in case of damage caused by the Contractor.
 - Xiii Pumping and dewatering; the protection of excavation faces.
 - Xiv The provision and maintenance of temporary diversions in order that through traffic flow shall remain unobstructed through the contract period and in general the provision of all temporary works required in connection with the works.
 - Xv Insurance, custom duties, taxes(excluding VAT) levies, first aid, welfare and safety requirements and all other overheads and costs and profit.
- 32 A price or rate shall be entered against each Item in the Bills of Quantities whether quantities are stated or not. Item against which no price or rate is entered shall be deemed to be covered by the other prices or rates entered by the Contractor in the Bill of Quantities. The unit price or rate entered against any Item shall take Precedence over any miscalculation in the total sum against that Item. Where separate items have not been provided in the Bill of Quantities for work shall be deemed to have been included in the other prices and rates.
- 33 The Quantities given in the Bill of Quantities are estimated only and are given to provide a basis for the tender. No guarantee is given for their accuracy and payments to Contractor will be based on the prices and rates quoted in the bills applied to measured quantities for work done.
- The quantity for each Item of work executed by the Contractor in accordance with the Contract shall be measured net and no allowance will be made for waste, bulking, shrinkage decrease of volume due to compaction or the provision of working space.
- 34 The items in the Bills of Quantities are the general application to the whole of the works at any location on site or any part of the works as indicated in the bid documents or instructed by the Engineer's representative.
- 35 Tenders, which group several items together in the Bill of Quantities under one price, will not be accepted.

10. The Units of measurement described in the Bill of Quantities are Metric Units. Abbreviations in the Bill of Quantities are as follows: -

| | | |
|------------------------|---|-----------------|
| hrs | - | Hours |
| km | - | Kilometre |
| l.m | - | Linear Metre |
| m ² or sq.m | - | Square Metre |
| m ³ or cu.m | - | Cubic Metre |
| nos. | - | Numbers |
| LS | - | Lump Sum |
| PS | - | Provisional Sum |
| nth. | - | Month |
| ltr. | - | Litre |
| kg. | - | Kilogramme |
| mt | - | Metric Tonne |
| mm. | - | Millimetre |
| wk. | - | Week |
| veh. month | - | vehicle month |

DAY WORKS

- 1 The rates entered in the Schedule for Bill of Quantities shall form day works items for pricing extra work ordered to be done in accordance with the Contract.
- 2 The rates shall include all overheads and profit and all other costs of whatever nature necessary for and incidental to the performance of extra work whenever ordered and these rates required anywhere on the Site for the operation of plant the provision of labour or the provision of materials and shall be deemed to include inter alia:

| | |
|-----------|---|
| Plant | Operation, maintenance, repairs, fuel, oils grease, hydraulic fluids, taxes, duties operator's wages and overtime, travelling time, transport supervision, administration costs related to the use of such plant. |
| Labour | Wages, overtime, bonuses, travelling time, hand tools, accommodation, fringe benefits, transport and supervision. |
| Materials | Provision, transport, handling, wastage and storage |

In the case of Plant and labour, only time spent working shall be paid for.

For Day works required outside the Site (which for these purposes shall mean all areas shown on the plans for permanent works and all areas of temporary works such as Contractor's and Engineer's camps, quarry, borrow pits and their access roads, diversion roads etc.), the following should be chargeable :

| | |
|------------|--|
| Plant: | Self travels: Actual travel time of and to place of stationing on the day of the work. |
| Transport: | Travelling time of the places of transport (lorry, low loader etc.) |
| Labour: | Travel time for the means of transport used. |
| Materials: | Travelling time for the means of transport used. |

The rates shall apply only to such work, as the Engineer shall instruct in writing to be carried out as day works. All items should be priced.

Summary of Bill of Quantity

**RECONSTRUCTION OF BRIDGE NO. 5/5 ON IDANGODA AYAGAMA ROAD
CONTRACT NO: RDA/MM/SAB/LBF(BR)/2021/29**

| Bill No | DESCRIPTION | | AMOUNT |
|----------------|--|------------------------|--------------------------|
| BOQ No. 1 | <i>Preliminaries and General</i> | | |
| BOQ No. 2 | <i>Construction of Structures</i> | | |
| BOQ No. 3 | <i>Construction of Immediate Approaches</i> | | |
| BOQ No. 4 | <i>Day Works</i> | | |
| A | <i>Sub Total - 01</i> | | |
| B | <i>Discount if any</i> | <i>Amount in words</i> | <i>Amount in figures</i> |
| | | | |
| C | <i>Sub Total - 02</i> | | |
| D | <i>Allow for Physical Contingencies (10% of C)</i> | | |
| E | <i>Allow for Price Contingencies (3 % of C)</i> | | |
| F | BID PRICE (C + D + E) | | |
| G | <i>Allow For VAT (8% of F)</i> | | |
| | Bid Price with VAT (F +G) | | |

Amount in words: _____

Name of Authorized Officer: _____

Signature: _____

RECONSTRUCTION OF BRIDGE NO. 5/5 ON IDANGODA AYAGAMA ROAD

CONTRACT NO: RDA/MM/SAB/LBF(BR)/2021/29

| Item No. | Pay Item | Description | Qty | Unit | Rate | Amount |
|----------|----------|---|-----|-----------|------|------------|
| | | Bill No 1 - Preliminaries & General | | | | |
| 1.1 | P(001) | - Mobilization and Demobilization of plant and Equipment. | | Item | LS | |
| 1.2 | 203(3) | Existing utility diversion | | Item | PS | 500,000.00 |
| 1.3 | 118(1) | Provide and maintain project sign board (1.25x1.8m) - 1 Nos | 1 | Nos | | |
| 1.4 | P(002) | Provide & maintain vehicle for the Engineer | 6 | Veh/month | | |
| 1.6 | P(003) | Engineer's staff- Site Supervisor | | | | |
| 1.7 | P(004) | Site Supervisor Provide office facilities for the Engineer | 6 | Month | | |
| 1.8 | 119(2) | Provide all necessary bonds and securities (Insurance of works, third party insurance, workmen compensation, Bank guarantee for advance payment and performance security) | | Item | L.S | 250,000.00 |
| 1.9 | 103(1) | Allow for safety of road users including barricading, lighting, watching, traffic controlling, providing temporary sign boards & maintain existing road | | Item | P.S | 300,000.00 |
| 1.10 | 109(1) | Allow for Laboratory Testing as directed by the engineer | | Item | P.S | 100,000.00 |
| | | Sub Total of Bill No 01 | | | | |

| Item | Pay Item | Description | Quantity | Unit | Rate | Amount |
|---|----------|---|-------------|-------------|------|-------------------|
| Bill No.2 : Construction of Structures | | | | | | |
| 2.01 | 201(1) | Clearing & Grubbing | Item | PS | | 100,000.00 |
| 2.02 | 202(2a) | Removal and disposal of existing bridge to level specified in the drawing and transporting the reusable material to a place within 15 km as directed by the Engineer. | Item | PS | | 300,000.00 |
| 2.03 | 302(5) | Excavation in unclassified soil for foundation | 445.60 | Cu.m | | |
| 2.04 | 302(5) | Backfilling of structures with approved soil | 145.01 | Cu.m | | |
| 2.05 | 302(11) | Dewatering | Item | L.S. | | |
| 2.06 | 302(10) | Construction of necessary cofferdams, crib sheeting, shoring and bracing and subsequent removal in abutments at both ends | Item | L.S. | | |
| 2.07 | P(006) | Boulder packing with 150-225mm rubble and 40m aggregate | 55.46 | Cu.m | | |
| 2.08 | 1001(3) | Class C concrete nominal mix 1:3:6(19mm) as screed under foundation of abutments. | 92.04 | Cu.m | | |
| 2.09 | 1001(1) | Class A concrete of Grade 25(19mm) in Foundation and wingwall | 14.58 | Cu.m | | |
| 2.10 | 1001(1) | Class A concrete of Grade 30(19mm) for bridge | 100.14 | Cu.m | | |
| 2.11 | 1008(2) | Formwork, rough finish | 42.66 | Sq.m | | |
| 2.12 | 1008(1) | Formwork, smooth finish | 470.01 | Sq.m | | |
| 2.13 | 1002(1) | Fabricate & lay tore steel bars as reinforcement | 8.82 | M.T. | | |
| 2.14 | 1006(3) | Rendering 19mm thick in cement sand mortar 1:3 mix (rough finish) | 20.00 | Sq.m | | |
| 2.15 | 706(1) | Forming weep holes using PVC pipes of int. dia. Not less than 75mm | 37.80 | L.m. | | |
| 2.16 | 705(3) | Clay puddled & laid behind wing wall | 9.60 | Sq.m | | |
| 2.17 | 705(1) | Supplying and packing 50-200mm dry stone lining behind wing wall | 36.91 | Cu.m | | |

| | | | | | | |
|-------------|-----------------|--|-----------------|-------------|-------------|---------------|
| 2.18 | 705(2) | Supplying and packing 75mm thick 37.5mm aggregate filter layer behind dry stone lining. | 6.91 | Cu.m | | |
| 2.19 | 808(5) | Concrete guard stones supplied and fixed as per drawing. | 8.00 | Nos | | |
| 2.20 | 1008(1) | Formwork, smooth finish on sides for foot walk and service duct | 13.61 | Sq.m | | |
| Item | Pay Item | Description | Quantity | Unit | Rate | Amount |
| 2.21 | 1001(1) | Class A concrete of Grade 25(19mm) for foot walk and service duct | 4.20 | Cu.m | | |
| 2.22 | 1002(1) | Fabricate & lay tore steel bars as reinforcement for footwalk | 0.103 | M.T. | | |
| 2.23 | 1018(1) | Precast reinforced concrete railing & uprights in class A Grade 25(19) concrete inclusive of light reinforcement and mould as per drawing | 10.48 | L.m. | | |
| 2.24 | 1019(1) | End pillaster in Class A, G25 concrete with foundation as per drawing | 4.00 | Nos. | | |
| 2.25 | 807(1) | Pre cast kerb in class B Grade 25(20) concrete with light reinforcement & mould as per drawings No T/B/106 Rev,11 | 16.20 | L.m. | | |
| 2.26 | 807(3) | lower kerbs in class B Grade 20 concrete cast insitu as per drawings | 16.20 | L.m. | | |
| 2.27 | 1017(1) | 450x450x50mm thick cover slabs for service ducts in class B grade 25(20) concrete inclusive light reinforcement and smooth shuttering provided as per drawing | 36.00 | Nos. | | |
| 2.28 | 1016(1b) | Filling service ducts with sand at 1st stage construction | 1.02 | Cu.m | | |
| 2.29 | 1020(1) | Supplying & fixing 110mm dia PVC rain water outlets as per drawings | 6.00 | Nos. | | |
| 2.30 | 1020(1) | Supplying & fixing 50mm dia PVC rain water outlets as per drawings | 6.00 | Nos. | | |
| 2.31 | 502(2) | MC cutback bituman (10-20%) or emulsified bitumen grade CSS-1 or CSS 1h tack coat applied at the rate of 0.5 l/sq.m over the existing surface before applying bitumen bound base regulating course | 92.83 | sq.m | | |

| | | | | | | |
|------|--------|---|-------|----|--|--|
| 2.32 | 506(2) | Asphaltic Concrete Surfacing compacted to a minimum thickness of 50mm in position | 11.37 | MT | | |
| | | Sub total of Bill No 2 | | | | |

| Item | Pay Item | Description | Quantity | Unit | Rate | Amount |
|---|----------|--|----------|-------|------|--------|
| Bill No.3 : Construction of Immediate Approaches | | | | | | |
| 3.01 | 201(1) | Clearing and grubbing | Item | LS | | |
| 3.02 | 301(1) | Roadway excavation in unclassified soil. | 132.00 | Cu.m | | |
| 3.03 | 304(3) | Trimming, levelling & compaction of original ground to 100% of standard density | 350.00 | Sq.m | | |
| 3.04 | 401(1) | Sub base type I material compacted in position. | 78.75 | Cu.m | | |
| 3.05 | 405(1) | Dense graded aggregate base for widening sections to maximum thickness of 300mm. | 141.08 | Cu.m | | |
| 3.06 | 501(2) | Prime coat with bitumen Emulsion (CSS-1) Using 1 ltr/sq.m including blinded with sand at the rate of 250 sq.m/cu.m & brushing cleaning & moistening road surface | 627.00 | Sq.m | | |
| 3.07 | 502(2) | M.C. Cutback bitumen (10-20%) or emulsified bitumen Grade CSS-1 or CSS 1h tack coat applied at the rate of 0.5 litre per square meter | 627.00 | Sq.m | | |
| 3.08 | 506(2) | Asphalt Concrete Surfacing compacted to a minimum thickness of 50mm in position. | 76.81 | MT | | |
| 3.09 | 409(1) | Construction of shoulders using approved soil | 41.04 | Cu.m. | | |
| | | Sub total of Bill No 3 | | | | |

SCHEDULE 'B' TO BILL OF QUANTITIES DAY WORK MATERIALS ON SITE

ALL QUANTITIES ARE PROVISIONAL

The rate entered in this Schedule shall form the schedule of Materials on Site for the purpose of the Contract.

The rates shall be the cost of purchase including any customs duty demurrage or other freight charges, loading and off loading, haulage and any other expenses in connection with bringing of the material of site. The rate given must be supported by quotations and other documentary evidence.

Additional items may be written in with the prior agreement of the Engineer. The rates entered in this Schedule shall also be used for works ordered to be carried out as Day works.

All Quantities are Provisional

01. LABOUR

| No. | Grade of Staff | Qty | Unit | Unit Rate (8 hr/day) | Amount (Rs.) |
|------------|-----------------------|------------|-------------|---------------------------------|---------------------|
| 1 | Unskilled labour | 30 | Days | | |
| 2 | Semi skilled labour | 20 | Days | | |
| 3 | Skilled labour | 10 | Days | | |
| 4 | Mechanic/Welder | 2 | Days | | |
| 5 | Driver | 2 | Days | | |
| 6 | Operator | 5 | Days | | |

| | | | | | |
|---|--------------|---|------|--|---|
| 7 | Surveyor | 2 | Days | | |
| | Total | | | | - |

02. EQUIPMENT

The rates are exclusive of Driver, Operator or Attendant, but inclusive of fuel and Consumable stores.

| No. | Description | Capacity | Qty | Unit | Rate Rs. | Amount Rs. |
|-----|------------------------------|---------------|-----|------|----------|------------|
| 1 | Poker vibrator | (1" - 2") | 30 | Hrs. | | |
| 2 | Tractor with Trailer | (3T) | 20 | Hrs. | | |
| 3 | Vibrating rammer | 60 kg | 5 | Hrs | | |
| 4 | Double drum roller | (1/2 - 1 Ton) | 10 | Hrs. | | |
| 5 | Concrete Mixer | 200 Lt | 10 | Hrs. | | |
| 6 | Vibrating roller | (6 - 7 Ton) | 8 | Hrs. | | |
| 7 | Water pump | 2 " | 20 | Hrs. | | |
| 8 | Water pump | 4 " | 10 | Hrs. | | |
| 9 | Backhoe loader | 4 W.D | 25 | Hrs. | | |
| 10 | Tipper Truck | 3 Ton | 150 | Km | | |
| 11 | Welding plant: Engine driven | - | 3 | Hrs. | | |
| 12 | Generator | 7 - 10 KVA | 30 | Hrs. | | |

| | | | | | | |
|--------------|------------------------------|-----------|----|------|--|---|
| 13 | Compressor | 750 CFM | 5 | Hrs. | | |
| 14 | Hand held breaker demolition | Pneumatic | 10 | Days | | |
| 16 | Excavator | | 8 | Hrs. | | |
| Total | | | | | | - |

03. MATERIAL

Note : All items in this bill are Provisional

| No. | Material | Qty | Unit | Rate | Amount |
|--------------|---------------------------------|-----|-------|------|--------|
| 1 | Cement ordinary (50 kg bag) | 10 | Nos. | | |
| 2 | Aggregate (19 mm) | 15 | Cu.m. | | |
| 3 | Aggregate (37.5 mm) | 5 | Cu.m. | | |
| 4 | Sand | 4 | Cu.m. | | |
| 5 | Random Rubble (150-225 mm) | 4 | Cu.m. | | |
| 6 | Reinforcement in bars Grade 460 | 0.1 | Mt. | | |
| 7 | Plywood (15 mm thick) | 50 | Sq.m. | | |
| 8 | Diesel | 50 | Litre | | |
| Total | | | | | |

SUMMARY OF DAY WORKS

01. Labour

02. Equipment

03. Material

TOTAL

Reference Only

Section – 9

Standard Bid Forms

- * Bid Security**
- * Affidavit for the Current Commitments**
- * Bank Letter Granting the Revolving Line of Credit**

Reference Only

FORM OF BID SECURITY

[This 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: Director General, Road Development Authority,

1st Floor, 'Maganeguma Mahamedura', DenZil Kobbekaduwa Mawatha, Battaramulla.

Date:[insert (by issuing agency) date]

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

We have been informed thatinsert (by issuing agency) name of the Bidder] (hereinafter called "the Bidder") has submitted to you its bid dated [Insert (by issuing agency) date] (herein after called "the Bid") for the execution of Bill of **RECONSTRUCTION OF BRIDGE NO. 5/5 ON IDANGODA AYAGAMA ROAD** under Contract No. **RD/MM/SAB/LBF(BR)/2021/29**.

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 Bidder is in breach of its obligation(s) under the bid conditions, because the Bidder:

- i. has withdrawn its Bid during the period of bid validity specified; or
- ii. does not accept the correction of errors in accordance with the Instruction to Bidders (hereinafter "the ITB") of the IFB or
- iii. having been notified of the acceptance of its Bid by the Employer 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 successful bidder, upon the earlier of the successful bidder furnishing the performance security, otherwise it will remain in force up to202...(insert date)

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

Signature and the Seal of the Guarantor:

Designation

Name of the Organization

Date:

Witness:

Name NIC NoSignature

Name NIC NoSignature

FORM FOR AFFIDAVIT FOR THE CURRENT COMMITMENTS

Director General,
Road Development Authority

In accordance with the Clause 4.4 of the Instructions to Bidders, I (We) declare that the outstanding Contract Commitments of (Name of the Bidder (s)) are as follows. I (We) further declare that all the outstanding contract commitments are listed below.

| Specialty | Name of the Contract | Name of the Client | Initial Contract Amount (Rs.) | Outstanding Work (Rs.) |
|--------------|----------------------|--------------------|-------------------------------|------------------------|
| Highways* | | | | |
| | | | | |
| | | | | |
| Bridges* | | | | |
| | | | | |
| | | | | |
| Buildings* | | | | |
| | | | | |
| | | | | |
| Irrigation* | | | | |
| | | | | |
| | | | | |
| # | | | | |
| | | | | |
| | | | | |
| Total | | | | |

.....
Signature of the Bidder

The foregoing Affidavit having been duly read over and explained by me to the Affirmant and he having understood the contents of same, signed before me at [Place], on this 2021 . [date]

.....
Justice of The Peace

* Add additional rows to include all the current projects if needed

Add additional speciality to include all the current projects

Reference Only

FORM FROM THE BANK FOR GRANTING THE REVOLVING LINE OF CREDIT

[In Letterhead of the bank]

FROM :

TO : **Director General**
Road Development Authority (RDA)
1st floor, Maganeguma Mahamedura , Denzil Kobbekaduwa Mawatha,
Battaramulla, Sri Lanka

SUB : Letter from the bank for providing a line of credit in favour of
.....**1** in case of award to them of works for the Contract of
RECONSTRUCTION OF BRIDGE NO. 5/5 ON IDANGODA AYAGAMA ROAD Contract No:
RDA/MM/SAB/LBF(BR)/2021/29

Dear Sir,

We**2** bankers of**3** hereby agree to grant revolving line of credit for an amount of Sri Lanka Rupees for the purpose of the execution of the Civil Work Contracts under the Contract of **RECONSTRUCTION OF BRIDGE NO. 5/5 ON IDANGODA AYAGAMA ROAD** under Contract No: **RDA/MM/SAB/LBF(BR)/2021/29**. This revolving line of credit will be maintained until the works are taken over by the RDA.

.....
Signature and the Seal of the Bank:

Name.....

Designation

Name of the Organization

Date:

Witness:

Name NIC NoSignature

Name NIC NoSignature

1 Name of Beneficiary / Bidder

2 Name of Bank

3 Name of Beneficiary / Bidder

Note - Does not provide it strictly according to given Form shall be treated as non responsive Revolving Line of Credit

Section - 8

Drawings

Reference Only

Reference Only

Check List for Bidders

| | ITB clause | Yes | Reference |
|---|------------|-----|-----------|
| Form of Bid | | | |
| Completed? | 18 | | |
| Signed? | 18 | | |
| No of addendum issued <u>(taken to form of Bid)</u> | | | |
| Bid security | | | |
| Addressed to the Employer? | 16 | | |
| Format as required? | 16 | | |
| Issuing agency as specified? | 16 | | |
| Amount as required? | 16 | | |
| Validity 28 days beyond the validity of bid? | 16 | | |
| Qualification information | | | |
| Copy of CIDA Registration? (Registration No, Grade, Specialty, Expiry Date) | 4 | | |
| Copy of VAT registration or a letter form Inland Revenue that the Bidder is not VAT registered? | 4 | | |
| Authentication of for signature (Power of Attorney)? | 4 | | |
| Certified Copy of Audited Financial Statements for the last five years? (Construction turn over for last five years; Current assets and current liabilities for last year) | 4 | | |
| A letter from a <u>Bank</u> on the provision of credit facilities? | 4 | | |
| The Affidavit For The Current Contractual Commitments? | 4 | | |
| Construction Programme and Cash Flow Chart? | 4 | | |
| Similar work completed in last 5 years | 4 | | |
| Major items of construction equipment proposed | 4 | | |
| Qualification and Experience of key staff | 4 | | |
| Addendum | | | |
| Content of addendum (if any) taken in to account? | 10 | | |
| Bid package | | | |
| All the documents given in ITB clause 12 enclosed in the original and copy? | 12 | | |
| ITB clause 19 followed before sealing the bid package? | 19 | | |