

DEMOCRATIC SOCIALIST REPUBLIC OF SRI LANKA

MINISTRY OF TRANSPORT & HIGHWAYS

ROAD DEVELOPMENT AUTHORITY



BIDDING DOCUMENT FOR

IMPROVEMENT OF AMUNEKADURA ROAD (0+000 to 1+500 km)

**CONTRACT NO: RDA/SP/1,500km/UVA/CE (BDL)/ EE
(MAHI)/2024/01**

(UPTO RS 10 MN)

BID SUBMITTED BY

.....

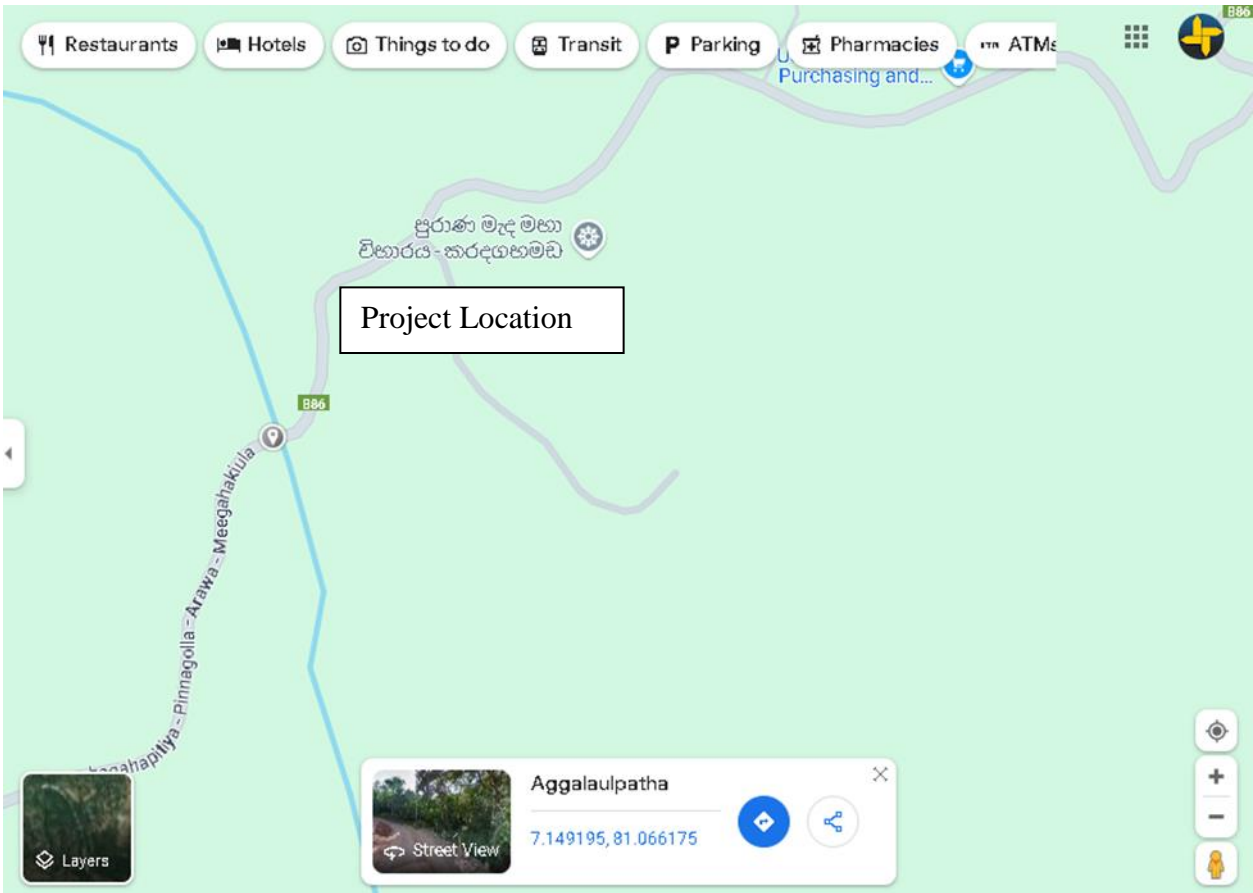
[NAME OF BIDDER]

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PROJECT LOCATION MAP

Improvement of Amunekadura Road (0+000 to 1+500 km)



VOLUME 1

Section	1	Instruction to Bidders (ITB)
Section	2	Standard Forms
Section	3	Conditions of Contract (COC)

SECTION-1: INSTRUCTIONS TO BIDDERS

The text of this 'Instructions to Bidders' is found in the 'Standard Bidding Document for Procurement of Works - Minor Contracts, ICTAD Publication No. ICTAD/SBD/03 - Second Edition - January 2007 '. 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 01 of SBD/03 issued in January 2009 by ICTAD and Section - 5 'Schedule' of this Bidding Document. Wherever the Clauses of the Section -1: 'Instructions to Bidders' have to be modified and/or supplemented, it is done through the text in the 'Schedule' given in Section-5.

SECTION – 2:

STANDARD FORMS (CONTRACT)

- 1 Form of Letter of Acceptance**
- 2 Standard Form of Agreement**
- 3 Form of Performance Security**
- 4 Form of Advance Payment Security**
- 5 Form of Retention money Guarantee**

Please read this in conjunction with Standard Bidding Document for Procurement of Works - Minor Contracts (ICTAD/SBD/03 Second Edition - January 2007) and Addendum 01 issued in January 2009 by ICTAD

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 (Name of the project) under Contract No: 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

Chief Engineer (Badulla District)

Road Development Authority

FORM OF AGREEMENT

This Agreement made on the [day] of [Month] 2024, between the Road Development Authority established by the Road Development Authority Act No. 73 of 1981, situated at “Maganeguma Mahamedura”, 216, Denzil Kobbekaduwa Mawatha, 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 (Name of the project), under Contract No: (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:

Authorized Signatory of Contractor
Common Seal

Chief Engineer (Badulla district)
Authorized signature
On behalf of the Employer
Common Seal

In the presence of Witness:
.....
Name
NIC No.
Address

In the presence of Witness:
.....
Name
NIC No.
Address

FORM OF PERFORMANCE SECURITY

(Unconditional)

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

Beneficiary: Chief Engineer, Road Development Authority, Bandarawela

Date:

PERFORMANCE GUARANTEE No.:

We have been informed that [Name of Contractor]
(hereinafter called, "the Contractor") has entered into Contract No
dated with you, for the (Name of the project) ,
(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 of2024 [28 days beyond the Defect Liability
Period] 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 ADVANCE PAYMENT SECURITY

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

Beneficiary: Chief Engineer, Road Development Authority, Bandarawela

Date:

ADVANCE PAYMENT GUARANTEE No.:.....

We have been informed that [name of Contractor]
(hereinafter called, "the Contractor") has entered into Contract No:
dated2024, with you, for the '.....(Name of the project)'
(hereinafter called "the Contract").

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 intended Completion
date]

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: Chief Engineer, Road Development Authority, Bandarawela

Date: -----

RETENTION MONEY GUARANTEE No.:-----

we have been informed that -----(name of Contractor) (hereinafter called "the Contractor") had entered into Contract No: dated2024, with you, for the execution of '..... (Name of the project)'(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 Liability 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 No Signature

Name NIC No Signature

SECTION – 3:

CONDITIONS OF CONTRACT

The text of this 'Conditions of Contract' is found in the 'Standard Bidding Document Procurement of Works – Minor Contracts, ICTAD Publication No. ICTAD/SBD/03 – Second Edition – January 2007'. This publication is copyright and bidders, if they do not already possess a copy, may obtain it from Institute for Construction Training and Development, 'Savsiripaya', 123, Wijerama Mawatha, Colombo-07

This has to be read in conjunction with Addendum 01 of SBD/03 issued in January 2009 by ICTAD and Section – 5 'Schedule' of this Bidding Document. Wherever the Clauses of the Section -3: 'Conditions of Contract' have to be modified and/or supplemented, it is done through the text in the 'Schedule' given in Section-5.

VOLUME 2

Invitation for Bids (IFB)

Section	4	Form of Bid and Qualification Information
Section	5	Schedule
Section	6	Specifications
Section	7	Bill of Quantities
Section	9	Standard Forms (Bid)
Section	8	Drawings

GOVERNMENT OF THE DEMOCRATIC SOCIALIST REPUBLIC OF SRI LANKA

MINISTRY OF TRANSPORT & HIGHWAYS
ROAD DEVELOPMENT AUTHORITY
INVITATION FOR BIDS

(IFB No: 1,500km/CE (BDL)/2024/01)

1. The Chairman, Chief Engineer's Procurement Committee of Badulla district, on behalf of the Road Development Authority (RDA), invites sealed bids from the eligible and qualified bidders for contracts described below:-

Contract No.	Contract Name	Engineer's Estimate without Contingencies (Rs.Mn)	CIDA grade	Bid Security (Rs. Mn)	Contract Duration (Days)
Executive Engineer Division-Badulla					
RDA/SP/1,500km/UVA/CE(BDL)/EE(BDL)2024/01	Improvement of Nawa Niwasa Road (0+121-0+221) & (0+000-0+250 km)	7.60	C7 and C6	0.16	91
RDA/SP/1,500km/UVA/CE(BDL)/EE(BDL)/2024/02	Improvement of Hathakma Maliththakumbura Road. (0+193-0+631 km)	8.59	C7 and C6	0.18	91
Executive Engineer Division-Mahiyanganaya					
RDA/SP/1,500km/UVA/CE(BDL)/EE(MAHI)/2024/01	Improvement of Amunekadura Road (0+000 to 1+500)	8.74	C7 and C6	0.18	63

2. The works consist of Surfacing work, Shoulder and Incidental Construction.
3. "Bidding will be conducted through the National Competitive Bidding (NCB) since the Estimated Value of work to be performed under this procurement (excluding VAT and other taxes) is below Rs 50 Mn., regional preferences and CIDA grade preference shall apply as stipulated in Public Finance Circular No. 04/2016(iii)".
4. To be eligible for the contract award, the successful bidders shall be currently registered with the Construction Industry Development Authority (CIDA) in grade given in the above table in **Highway specialty**.
5. Interested bidders may obtain further information from the following office and inspect the bidding document via www.rda.gov.lk from 25.03.2024 to 16.04.2024
- Chief Engineer (Badulla district), Road Development Authority, No. 40, Dharmapala Mawatha, Bandarawela
T: 057-2222171. & fax: 057-2222171
 - Executive Engineer (Badulla), Road Development Authority, Badulla
T: 055-2223276. & fax: 055-2223276
 - Executive Engineer (Mahiyanganaya), Road Development Authority, Mahiyanganaya
T: 055-2257290.

6. The pre-bid meeting will be held at 10:00 hrs on 01.04.2024 at the office of Executive Engineer (Badulla), Road Development Authority, Badulla for Badulla Executive Engineer Contracts and Executive Engineer (Mahiyanganaya), Road Development Authority, Mahiyanganaya for Mahiyanganaya Executive Engineer Contracts and a site visit will be arranged immediately thereafter if necessary.
7. A complete set of each Bidding Document in English language shall be purchased by interested bidders on submission of a written application to the Provincial Director (Uva), Road Development Authority, No.40, Dharmapala Mawatha, Bandarawela or Chief Engineer (Badulla district), Road Development Authority, Bandarawela from 26.03.2024 until 15.04.2024 during 09:00 hrs to 15:00 hrs **upon payment of a non refundable fee.**

Non refundable tender fee Rs 1,000.00 (excluding VAT and other taxes) for **each bidding document** can be paid by depositing cash to the following account

- a. Account name : Provincial Director (Uva), Road Development Authority
- b. Account number : 2068132
- c. Bank Name : Bank of Ceylon

As per the Public Contract Act No. 3 of 1987, only the Agents and Successful winners of tenders shall be registered in Department of Registrar of Companies.

8. Each bid shall be accompanied by a Bid- Security for an amount given in the table. Bid Securities shall be valid up to 13.08.2024
9. Bids shall be valid up to 16.07.2024.
10. Bids shall be delivered in duplicate to the Chairman, Chief Engineer's Procurement Committee of Badulla district, Chief Engineer's Office, Road Development Authority, Bandarawela on or before 14:00 hrs on 16.04.2024. Late bids will be rejected. Bids will be opened soon after the closing, in the presence of the bidder's representatives who choose to attend.

**The Chairman,
Chief Engineer's Procurement Committee of Badulla district,
Chief Engineer's Office
Road Development Authority,
Bandarawela**

SECTION-4: FORM OF BID AND QUALIFICATION INFORMATION

- 1 Form of Bid
- 2 Qualification of information

FORM OF BID

Improvement of Amunekadura Road(0+000 to 1+500)

UNDER CONTRACT NO: RDA/SP/1,500km/UVA/CE (BDL)/EE (MAHI)/ 2024/01

To: Road Development Authority,

Gentlemen,

1. Having examined the Conditions of Contract given in the Standard Bidding Document-Procurement of Works (ICTAD/SBD/03-Second Edition, January 2007) along with the Schedule, 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, Schedule, 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/I acknowledge that the Schedule forms part of our Bid.
3. We/I undertake, if our Bid is accepted, to commence the Works as stipulated in the Schedule, and to complete the whole of the Works comprised in the Contract within the time stated in the Contract Data.
4. We/I agree to abide by this Bid for the period of(*insert Bid validity date*) 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/I accept/ we do not accept the Appointing Authority for the Adjudicator.
7. We/I understand that you are not bound to accept the lowest or any Bid you may receive.

Dated this day of2024 in the capacity of duly authorized to sign tenders for and on behalf of.....

Signature :

Name : (IN BLOCK CAPITALS)

Designation :

Address :

Seal :

Witness : 1 NameSignature.....

2 Name Signature.....

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

****Bid signed by a person other than the authorized person shall be as non-responsive**

QUALIFICATION INFORMATION

(To be completed by the bidder and submitted with the bid)

CIDA Registration	Eligibility Requirement	Bidder's Qualification
Registration Number		
Grade	C7 and C6	
Speciality	Highway	
Expiry Date		
Blacklisted Contractors		
Have you been declared as a defaulted contractor by NPA or any other Agency (Yes / No)		
If yes, provide details		
VAT Registration Number		
Construction Program		
Optional requirement (Attach as annex)		
Legal Status (Please attach photo copy of original documents as annex)		
Public Company/ Private Company/ Partnership/ Sole Proprietor		
Authentication of signatory		
Attach as annex		
Value of Construction works performed during last 5 years	<i>Eligibility requirement</i>	<i>Bidder's Qualification</i>
Year 2022/ 2023	14.03 Mn	
Year 2021/2022		
Year 2020/2021		
Year 2019/2020		
Year 2018/2019		
Value of similar works completed in last 10 years (Attach LOA, Completion Certificate, documents to confirming similarity of work)	6.55 Mn	Value..... Employer..... Completed date..... Description of work

	Eligibility Requirement		Bidder's Qualification
	Type & Capacity	Required Nos	Available Nos
Major Construction equipment	(Insert the name & capacity of equipment)		
Qualification & experience of key staff	Technical Officer with NCT with experience in Road Construction		
	Technical Officer with NCT with 5 years experience in Road Construction work		
Other information required			

Signature of the Bidder:

SECTION-5:

SCHEDULE

ITB Clause	COC Clause	ITEM	DATA
1	1.1.8	Employer	Road Development Authority
		Employer's representative	Chief Engineer (Badulla district) ,Road Development Authority,Bandarawela Tel 057-2222171. Fax 057-2222171
	1.1.10	Engineer	Will be notified later
	1.1.21	Summary of Works	The work consist of Asphalt surfacing, Shoulder and Incidental Construction Contract name : Improvement of Amunekadura Road (0+000-1+500) Contract No : RDA/SP/1,500km/UVA/CE(BDL)/EE(MAHI)/2024/01
	1.1.14	Intended Completion Date	Intended Completion date is 63 Days from start date.
2		Source of Funds	Government of Sri Lanka (GOSL)
3		Eligibility	<ul style="list-style-type: none"> • The bidder shall be currently registered with the Institute for Construction Industry Development Authority (CIDA) in C7 and C6 grade in Highway specialty. • Average annual volume of construction work performed during the last five years shall be at least Rs. 14.03 Million. • The bidder should have, experience in the construction of at least one contract of a nature and complexity equivalent to the Works over the last 10 years (to comply with this requirement, works cited should be at least 70% completed), the value of which should be at least Rs. 6.55 million.
9		Clarification of Bidding documents	Chief Engineer Badulla district,Road Development authority,Bandarawela Executive Engineer (Mahiyanganaya), Road Development Authority, Mahiyanganaya
12		Documents comprising of Bid	Two copies of bids shall be submitted. A - Bid marked as "Original" <ul style="list-style-type: none"> a. Duly filled and signed Form of Bid and Qualification Information (given in Section 4) attached with certified documentary evidence b. Bid Security as specified c. Priced Bill of Quantities d. Duly filled Standard Forms (Bid) given in Section 9 e. Power of Attorney B - No changes in bid marked as "Copy"

ITB Clause	COC Clause	ITEM	DATA
13	10.9	Price adjustment	The Contract is not subjected to price adjustment
15		Bid Validity Period	Bids shall be valid up to 16.07.2024
16		Bid Security	<p>Bid security shall be</p> <ul style="list-style-type: none"> • for the amount of Rs 180,000.00 • Valid until 13.08.2024 • 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.
17		Pre - Bid Meeting	Pre - Bid meeting will be held at Executive Engineer's office (Mahiyanganaya), Road Development Authority, Mahiyanganaya. at 10.00 am on 01.04.2024
20		Deadline for submission of bid	Bid shall be submitted to Chief Engineer's office (Badulla district), Road Development Authority, Bandarawela address on or before 14:00 hrs on 16.04.2024
27		Evaluation & Comparison of Bids	<p>Add new Sub Clause 27.1 To ensure that the bids are not unrealistic, following criteria shall be adopted;</p> <p>(a) If the bid value is 11% to 19% less than the engineer's estimate, the Performance bond should be increased by 5%.</p> <p>(b) If the bid value is 20% to 29% less than the engineer's estimate, the Performance bond should be increased by 10%.</p> <p>(c) If the bid value is 30% or higher percentage less than the engineer's estimate, the bid will be rejected.</p> <p>Add new Clause 27.2 Clause 29.7 State Owned Enterprises Preferences Considering the role of the State-Owned Enterprises (SOE), when such SOE submits a bid for a contract on competitive basis then such SOE will be given a 5 percent preference over all other contractors. This will be considered only when the Financial Evaluation and not in Technical Evaluation.</p> <p>Add new Clause Clause 27.3 Regional Preferences</p> <p>According to the Public Finance circular no 04/2016 (ii) dated on 08.05.2019, 5% regional preferences shall be granted for the regional contractors for the Cost Estimate of the procurement is below Rs 50 Mn.</p>
30		Award and signing of Agreement	<p>Add new Clause The name of Authorized person who acting on behalf of Employer for the purpose of the Awarding the Contract & signing of Agreement shall be as per the RDA Circular no. RDA/ADGP/CIR/VOL-3 dated on 08th January 2024.</p>

31	4.4	Performance Security	<p>The Standard Form of Performance Security acceptable to the Employer shall be a Bank Guarantee from a reputed Bank operating in Sri Lanka and accepted by the Treasury for issue of Guarantees or CGF. The amount of Performance Security is 5% (Five percent) of the Initial Contract Price subjected to Public Finance Circular no. 03/2020 (i) (paragraph 3.1.V) dated 11.01.2021. The Format of the Performance security shall be strictly in accordance with the specific format given in Standard Forms Section 2.</p> <p>Any bond or security issued by Insurance Company is not acceptable.</p>
32	10.11	Advance Payment and Security	<p>A total Advance Payment of 20% of the Initial Contract Price less of Contingencies and Provisional Sums would be made in two equal installments on submission of an advance payment guarantee. Any bond or security issued by Insurance Company is not acceptable.</p>
	6.2	Programme	<p>Detailed construction program with network analysis and resource scheduling shall be submitted within 14 days for the approval.</p>
	6.4	Late Completion	<p>The amount to be paid is Rs. 4,981.45 per Day, subjected to maximum of 10% of Initial Contract Price.</p>
	8.1	Notification of Defects	<p>The period of defects Notification is 365 days from Completion date or Taking over of site.</p>
	9.2	Valuation of Variations	<p>Engineer may order variations with the prior approval of Director General of RDA. Total Contract sum inclusive of cost variations shall not exceed to initial Contract sum when an emergency situation occurs and to ensure proper implementation of construction activities in a timely manner. Further, cost approval of variation should be obtained from the appropriate procurement committee before made payment.</p>
	10.2	Valuation of the Works	<p>No limit for interim certificate submission.</p>
	10.3	Retention	<p>The Retention will be deducted from the first interim certificate. The amount of Retention is 10% of certified work done. The maximum amount of retention is 5% of Initial Contract Price.</p>

SECTION - 6:

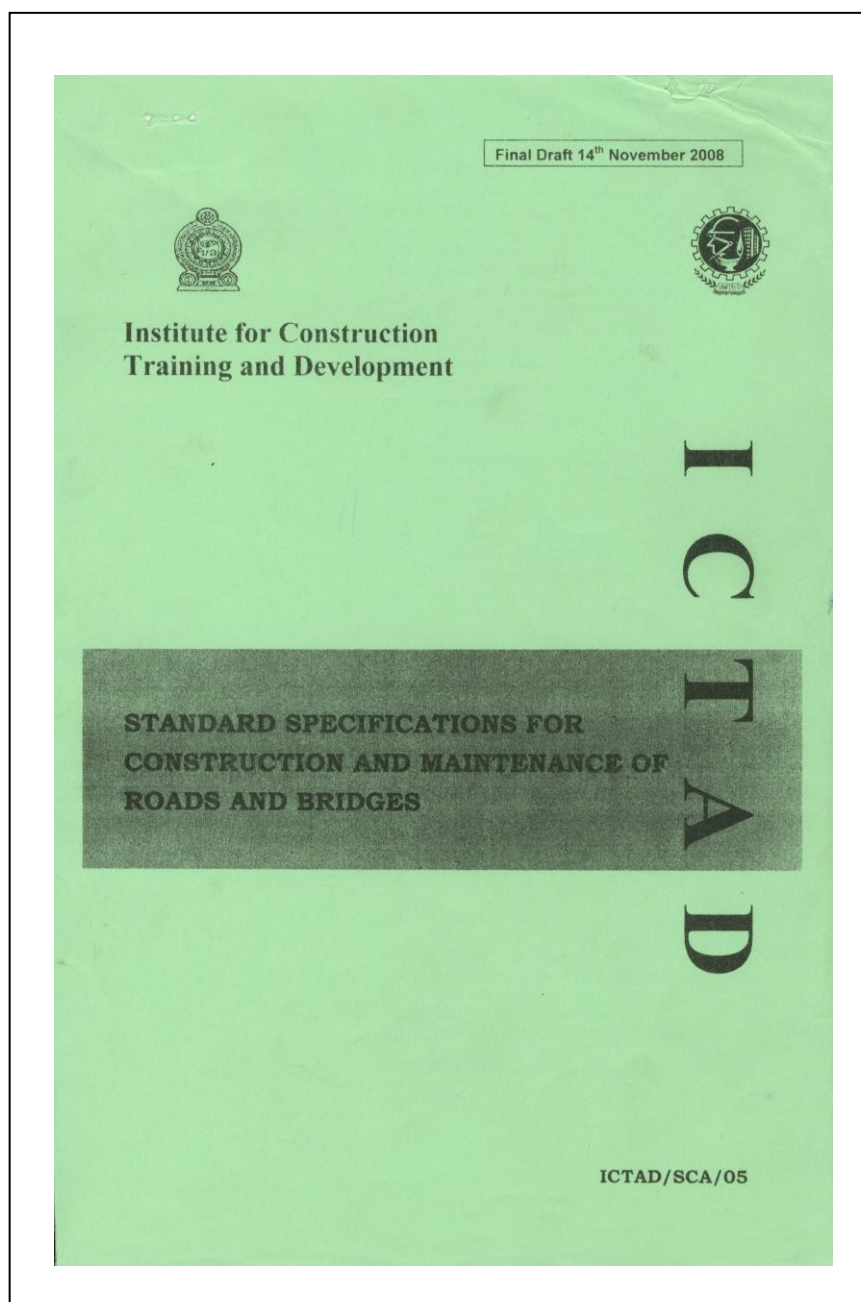
Specifications

Standard Specification

Particular Application

STANDARD SPECIFICATION

The 'Standard Specifications for Construction and Maintenance of Roads and Bridges' issued under the authority of the General Manager of the Road Development Authority and published by the Institute of Construction Training and Development under publication number ICTAD/SCA/5 printed on 14th November 2008. The cover page of this publication is illustrated here for reference.



Particular Application

P(001) MOBILIZATION AND DEMOBILIZATION

The Contractor shall make provision for mobilization & demobilization of equipment, plant and machinery, staff, labourers to the site including erection and removal at the completion of works of his temporary installation and facilities including site office, etc. The Contractor shall submit to the Engineer within 14 days from the date of Letter of Acceptance his mobilization and demobilization plan of site. The Engineer shall approve the mobilization and demobilization plan and payment shall be based on schedule of mobilization and demobilization plan of site.

Payment

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

Item No	Description	Pay Unit
P (001)	Allow for mobilization & demobilization	L.S.

P (002) R.O.W VIDEO SURVEY

R.O.W VIDEO SURVEY

R.O.W video logging shall be collected along roads before and after the rehabilitation/improvement

The visible right of way (R.O.W.) shall be recorded and stored as digital Images at 5/10 m intervals using an intermittent/frame based system. The pictures shall have information superimposed which facilitates location identification (chainage and GPS coordinates) and shall have a playback system which facilitates locating specific road sections. The specifications of the cameras to be used in works shall be certified by the Engineer before commencement of Works.

The images shall be superimposed in real-time with the vehicle's location in terms of displacement and GPS coordinates. Each frame shall be referenced in terms of the displacement from Longitudinal Road Profile (LRP) and the GPS coordinates in the database.

The data shall be provided to the Employer in two copies with appropriate (ideally printed) labels, indicating relevant district and road number(a) Only one road/ road section shall be included per one video file. The file name shall be the road ID number and the file shall I be accompanied by a catalogue.

Payment

Payment shall be made according to the schedule submitted by bidder in the Bill of Quantities.

Pay Item	Description	Pay Unit
P(002)	R.O.W Video Survey,	km

SECTION – 7: BILL OF QUANTITIES

PREAMBLE

1. The Bill of Quantities shall be read in conjunction with all other bidding documents.
2. 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.
3. 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.
4. 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.
 - ii The provision and maintenance of all staff and labour and their payment, accommodation, transport, fares and other requirements.
 - iii Setting out, including the location, construction and preservation of survey markers, measurement and supervision.
 - iv 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.
 - ix 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.

5. 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.

6. 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.

7. 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.

8. Tenders, which group several items together in the Bill of Quantities under one price, will not be accepted.

9. 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
m	-	Linear Metre
m ² or sqm	-	Square Metre
m ³ or cum	-	Cubic Metre
nos.	-	Numbers
L.S	-	Lump Sum
P.S	-	Provisional Sum
nth.	-	Month
ltr.	-	Litre
kg.	-	Kilogramme
mt	-	Metric Tonne
mm.	-	Millimetre
wk.	-	Week

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 travelling: 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

Improvement of Amunekadura Road (0+000-1+500 km)

CONTRACT NO: RDA/SP/1,500km/UVA/CE (BDL)/EE (MAHI)/2024/01

<i>Bill No</i>	<i>Description</i>	<i>Amounts / Rs</i>
1	PRELIMINARY & GENERAL	
2	SITE CLEARING	
3	EARTH WORK	
4	ROAD SURFACING	
5	SHOULDER CONSTRUCTION	
6	EARTH DRAINS	
7	INCIDENTIAL WORKS	
6	DAY WORK	
A	Sub Total-01	
PS	Provisional sums
B	Sub Total -02 (A-PS) Provisional sum deducts form Sub Total -01	
C	Discount if any	Amount in words
	 Amount in figures
D	Sub Total 03 (B-C)	
PS	Provisional sums
E	Sub Total 04 (D+PS)	
F	Allow for physical contingencies 07% (E*07%)	
G	Bid Price (E+F) [Form of Bid price]	
H	VAT (18%*G)	
I	Bid Price with VAT (G+H)	

Amount in words without

Name of Authorized Officer: _____

Signature: _____

Seal : _____

Item No.	Pay Item No.	Description	Qty	Unit	Rate (Rs)	Amount (Rs)
<u>Bill No. 01 : PRELIMINARY AND GENERAL</u>						
1.1	P(001)	Allow for Mobilization and Demobilization	Item	LS		
1.2	119(1)	Provide all necessary Insurances	Item	LS		
1.3	119(2)	Provide all necessary Bonds and Guaranties	Item	LS		
1.4	103(1)	Allow for traffic safety & control providing, erecting and maintaining barricades, road signs, markings, lights etc.	2.00	Month		
1.5	P(002)	R.O.W video survey	1.0	km		
Sub Total carried to Summary (Bill No. 01)						-
<u>Bill No. 02 : Site Clearing</u>						
2.1	201(1)	Clearing and Grubbing	1500.00	sq.m		
Sub Total carried to Summary (Bill No. 02)						-
<u>Bill No. 03 : Earth Work</u>						
3.1	304(3)	Trimming, leveling and compaction of original ground to 100% standard density, for base failure corrected area	1470.00	Sq.m		
Sub Total carried to Summary (Bill No. 03)						
<u>Bill No. 04 : Road Surfacing</u>						
4.1	405(1)	Supplying, spreading & compaction of ABC for base preparation (Compacted)	221.00	Cu.m		
4.2	501(5)	Prime coat using bitumen emulsion CSS-1 at 1.00 li/Sq.m, including brushing & cleaning road surface	1425.00	sq.m		
4.3	502(2)	Tack coat using bitumen emulsion CSS-1 at 0.50 li/Sq.m, including brushing & cleaning road surface	1425.00	sq.m		

4.4	506(1)	Supplying, laying & compaction of Asphalt concrete(binder 60/70 and 19 aggregate) wearing course 40mm thick(minimum) as wearing course Type-1 using paver using paver	1425.00	sq.m		
RIGID PAVEMENT						-
4.5	1008(2)	Supplying & Fixing C1 11 planks 25mm Thick for road concreting	11.00	sq.m		
4.6	901B(1)	Mixing laying using concrete mixer cement concrete Gr.30 (19mm) thickness 150mm weight batching using crusher run aggregate transport of aggregate piling	16.00	cu.m		
Sub Total carried to Summary (Bill No. 04)						
<u>Bill No. 05 : Shoulder Construction</u>						
5.1	304(3)	Trimming, levelling and compaction of exposed ground/subgrade to 100% standard density	1500.00	sq.m		
5.2	601(1)	Approved soil (type I & II materials) excavation using machinery for sub bases & shoulder construction including loading & piling	225.00	cu.m		
5.3	409(1)	Approved soil spread & compacted in places shoulders using 1/2 -1 ton vibrating roller including watering	225.00	Cu.m		
Sub Total carried to Summary (Bill No. 05)						-
<u>Bill No. 06 : Earth Drains</u>						
6.1	301A(5b)	Cutting side drains (where necessary)	304.00	cu.m		
Sub Total carried to Summary (Bill No. 06)						-
<u>Bill No. 07 : Incidental works</u>						
7.1	810(2)	Road marking (3mm thick) using reflectorized thermoplastic paint	-	Sq.m		
7.2	808(5)	Supplying and fixing insitu guard stones for culvert	10	nos		
Sub Total carried to Summary (Bill No. 07)						-

Bill No. 08: Day Works					
(ALL QUANTITIES ARE PROVISIONAL)					
<u>Labour</u>					
8.1		Un-skilled labour	5.00	day	
8.2		Semi-skilled labour	5.00	day	
8.3		Skilled labour	5.00	day	
<u>Equipment</u>		-	-	-	
8.4		Tractor with Trailer	2.00	day	
8.5		Vibrating Roller (1/2-1 Ton)	2.00	day	
8.6		Tipper/Lorry (3T)	5.00	km	
8.7		Backhoe Loader (JCB)	2.00	day	
<u>Material</u>					
8.8		Cement ordinary	5.00	50 kg	
8.9		19 mm aggregate for concrete	5.00	cu.m	
8.10		37.5 mm aggregate for concrete	2.00	cu.m	
8.11		River Sand	5.00	cu.m	
Sub Total carried to Summary (Bill No. 08)					-

SECTION - 9: STANDARD FORMS (BID)

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: Chief Engineer (Badulla), Road Development Authority, Bandarawela

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]* (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**(Name of the Project)** under Contract No:

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 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 and the Seal of the Guarantor:

Designation
Name of the Organization
Date:

Witness:

Name NIC NoSignature
Name NIC NoSignature

Note: Any bid security which has deviated from this bid Security format shall be considered as non-responsive

SECTION - 8: DRAWING

