

DEMOCRATIC SOCIALIST REPUBLIC OF SRI LANKA

**MINISTRY OF TRANSPORT, HIGHWAYS, PORTS &
CIVIL AVIATION**

ROAD DEVELOPMENT AUTHORITY



PROCUREMENT DOCUMENT

FOR

**RECONSTRUCTION OF BOX BRIDGE NO 2/4 ON
CHAVAKACHCHERI - TANANKILAPPU ROAD (B-076)**

CONTRACT NO: RDA/PD/NP/GOSL(WB)/2025/05

BID SUBMITTED BY

.....
[Name of the Bidder]

Table of Contents

	PAGE
Project Location Map	3
Introduction	4
VOLUME 1	5
Section - 1	7
Section - 2	8
FORM OF LETTER OF ACCEPTANCE	9
FORM OF PERFORMANCE SECURITY	10
FORM OF AGREEMENT	11
FORM OF ADVANCE PAYMENT SECURITY	12
FORM OF RETENTION MONEY GUARANTEE	13
Section - 3	14
VOLUME - 2	15
Section - 4	18
Qualification Information	20
Section - 5	23
BIDDING DATA	24
CONTRACT DATA	30
Section - 6	35
Standard Specifications	36
Particular Specifications	37
Section-7	39
BILL OF QUANTITIES	40
DAY WORKS	42
Section - 9	54
FORM OF BID SECURITY	55
FORM FOR AFFIDAVIT FOR THE CURRENT COMMITMENTS	56
FORM FROM THE BANK FOR GRANTING THE REVOLVING LINE OF CREDIT	57
Notification of Intention to Award	58
Section - 8	61
DRAWINGS	

Project Location Map



Introduction

- This Procurement Document has two parts, namely, Volume 1 and Volume 2.
- The bidders are expected to buy the following Standard Bidding Document from the Construction Industry Development Authority (CIDA) (former Institute of Construction Training and Development): -

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 Procurement 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

DRAFT

VOLUME 1

VOLUME 1

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

DRAFT

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 (former ICTAD) '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 Procurement 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 Security
- 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 BOX BRIDGE NO 2/4 ON CHAVAKACHCHERI - TANANKILAPPU ROAD (B-076)'** under Contract No: **RDA/PD/NP/GOSL(WB)/2025/05** for the Contract Price of Rupees as corrected in accordance with Instruction to Bidders is hereby accepted.

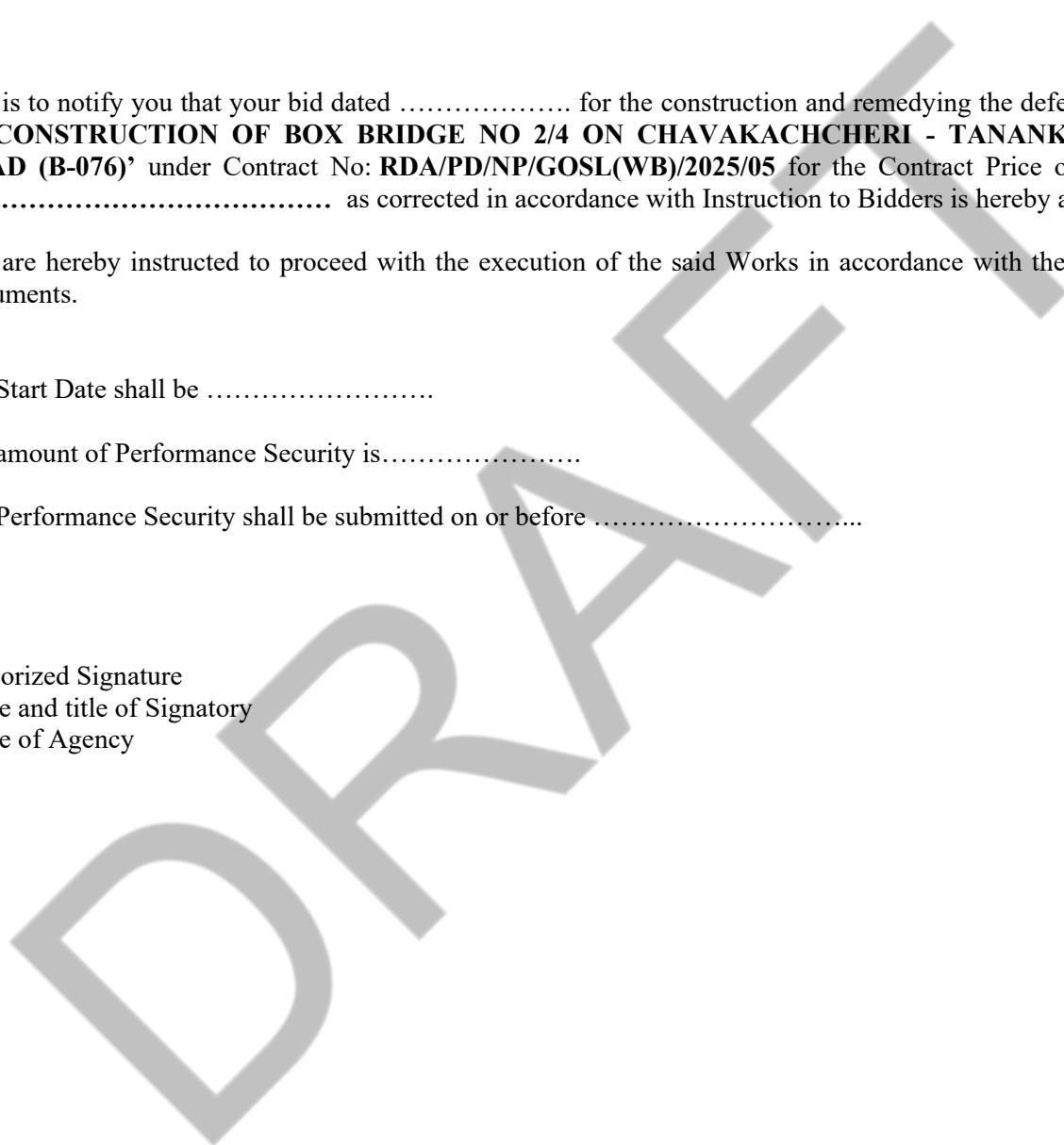
You are hereby instructed to proceed with the execution of the said Works in accordance with the Contract Documents.

The Start Date shall be

The amount of Performance Security is.....

The Performance Security shall be submitted on or before

Authorized Signature
Name and title of Signatory
Name of Agency



FORM OF PERFORMANCE SECURITY

(Unconditional)

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

Beneficiary: Provincial Director (North), Road Development Authority, Jaffna.

Date:

PERFORMANCE GUARANTEE No.:

We have been informed that [Name of Contractor]
(hereinafter called, "the Contractor") has entered into Contract No **RDA/PD/NP/GOSL(WB)/2025/05**. dated
..... with you, for the '**RECONSTRUCTION OF BOX BRIDGE NO 2/4 ON CHAVAKACHCHERI - TANANKILAPPU ROAD (B-076)**' (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 of2025 [28 days beyond the Intended Completion Date] 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 No Signature.....

Name NIC No Signature.....

FORM OF AGREEMENT

This Contract Agreement made and entered into on this [day] of [Month] 2025, by and between the Road Development Authority established by the Road Development Authority Act No. 73 of 1981 as amended by Act No. 05 of 1988 and No. 37 of 2009 and having its Head office at “Maganeguma Mahamedura”, 216, Denzil Kobbekaduwa Mawatha, Koswatha, Battaramulla in the Democratic Socialist Republic of Sri Lanka (hereinafter called and referred to as “ the Employer” which term means and include the said RDA its successors and assigns) on the one part and,[name, registration number and address of Contractor] (hereinafter called and referred to as “the Contractor” which term means and includes the said[name of Contractor], its successors, assigns) on the other part:

Whereas the Employer desires that the Contractor executes the ‘**RECONSTRUCTION OF BOX BRIDGE NO 2/4 ON CHAVAKACHCHERI - TANANKILAPPU ROAD (B-076)**’, under Contract No: **RDA/PD/NP/GOSL(WB)/2025/05** (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.

.....

.....

Authorized Signatory of Contractor
Name of Signatory:

Authorized signature of Employer
Name & Title of Signatory

Common Seal

In the presence of Witness:

In the presence of Witness:

.....
Name

.....
Name

NIC No.

Address

Address

FORM OF ADVANCE PAYMENT SECURITY

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

Beneficiary: Provincial Director (North), Road Development Authority, Jaffna.

Date:

ADVANCE PAYMENT GUARANTEE No.:.....

We have been informed that [name of Contractor](hereinafter called, “the Contractor”) has entered into Contract No: **RDA/PD/NP/GOSL(WB)/2025/05** dated2025, with you, for the ‘**RECONSTRUCTION OF BOX BRIDGE NO 2/4 ON CHAVAKACHCHERI - TANANKILAPPU ROAD (B-076)**’ (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: Provincial Director (North), Road Development Authority, Jaffna.

Date: -----

RETENTION MONEY GUARANTEE No.: -----

we have been informed that -----(name of Contractor) (hereinafter called "the Contractor") had entered into Contract No: **RDA/PD/NP/GOSL(WB)/2025/05** dated2025, with you, for the execution of **'RECONSTRUCTION OF BOX BRIDGE NO 2/4 ON CHAVAKACHCHERI - TANANKILAPPU ROAD (B-076)'** (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'

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 Procurement 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 Section -5 – 'Bidding Data and Contract Data'.

VOLUME - 2

DRAFT

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 TRANSPORT, HIGHWAYS, PORTS & CIVIL AVIATION



ROAD DEVELOPMENT AUTHORITY

INVITATION FOR BIDS

1. The Chairman, Road Development Authority Regional Procurement Committee, on behalf of the Road Development Authority (RDA), invites sealed bids from eligible and qualified bidders for the *project* described below: -

Contract No.	Contract Name	Engineer's Estimate with contingencies (Rs. Mn)	Contract Duration Days	CIDA Grade	Bid Security (Rs)
RDA/PD/NP/GO SL(WB)/2025/05	Reconstruction of Box Bridge No 2/4 on Chavakachcheri - Tanankilappu Road (B-076)	31.57	180	C6 or above in bridge speciality	350,000.00

2. The work consists of Reconstruction of bridge consists of 4.70 m overall width box bridge providing clear carriageway width of 7.4 m with 1.5 m wide footwalk on both sides and immediate approaches
3. Bidding will be conducted through the National Competitive Bidding Procedure.
4. To be eligible for contract award, the successful bidder shall be currently registered with the Construction Industry Development Authority (CIDA) in grade given in the above table in Bridge speciality.
5. Interested bidders may obtain further information from the following offices and inspect the Procurement documents via website www.rda.gov.lk. From 07/10/2025
- a. Provincial Director (NP), Road Development Authority, Beach Road Jaffna.
Tel No: 021 222 2517 or 021 222 2580 Fax No: 021 222 2517)
6. The Pre-Bid meeting will be held at 10:00 hrs on 16/10/2025 at the office of the Provincial Director (NP), Road Development Authority, Beach Road, Jaffna and a site visit will be arranged immediately thereafter if necessary.
7. A complete set of Procurement Document in English language shall be purchased by the interested bidders via email on submission of a written application and valid cash deposit slip of non – refundable tender fee (**contract number and name of the firm should be indicated on the cash deposit slip**) to Provincial Director (NP), RDA via email from 07/10/2025 until 21/10/2025 during 09:00 hrs to 15:00 hrs for above contract. The email address is pdnprda@gmail.com.
- Non - refundable tender fee of Rs. 10,000.00 (with SSCL & VAT) can be paid by depositing cash to the following account.
- a. Account Name : Provincial Director (North), Road Development Authority, Jaffna
b. Account Number : 2365088
c. Bank Name : Bank of Ceylon – Jaffna Super Grade Branch
- Original/valid cash deposit slips should be submitted with the Bids and its availability will be scrutinised. As per the Public Contract Act No. 3 of 1987, only the Agents and Successful winners of tenders shall be registered with Department of Registrar of Companies.
8. Each Bid shall be accompanied by a Bid- Security according to the format given in section 9 of Procurement Document and for an amount given in the above table. Bid- Security shall be valid up to 18/02/2026.
9. Bids shall be delivered in **duplicate** to the Chairman, Road Development Authority Regional Procurement Committee, C/o Provincial Director (NP), Road Development Authority, Beach Road, Jaffna on or before 10:00 hrs on 22/10/2025. 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.
10. Bid must be valid up to 21/01/2026

**The Chairman,
Regional Procurement Committee
Road Development Authority,
Beach Road, Jaffna**

Section - 4

Form of Bid and Qualification Information

FORM OF BID

**RECONSTRUCTION OF BOX BRIDGE NO 2/4 ON CHAVAKACHCHERI -
TANANKILAPPU ROAD (B-076) UNDER
CONTRACT NO: RDA/PD/NP/GOSL(WB)/2025/05**

To: 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*
.....
.....(SLRs.
*.....) (The bid price shall include physical & Price Contingencies and provisional sums but excluding VAT) 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 with in the date specified in ITB clause 15.1 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 of2025 in the capacity of duly authorized to sign tenders for and on behalf of

Name :
(IN BLOCK CAPITALS)

Signature :

Designation :

Address :

.....

Witness : 1. Name..... Signature

2. Name Signature

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)
For Joint Venture	Please attach draft copy of Joint Venture Agreement
Authentication of Signatory 1. Sole Proprietor – Certificate of Firm Registration certified by Notary /Solicitor 2. Partnership – Power of Attorney signing by the non signing partners authorising the signing partner. 3. Company Limited by Liability – Board Resolution authorizing the signing person.	(Attach original with form of bid & a photo copy as annex -04)
Value of Construction works performed (Attach certified copy of Audited Financial Report)	(Attach as Annex 05)
Year 2024/2025	
Year 2023/2024	
Year 2022/2023	
Year 2021/2022	
Year 2020/2021	

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

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

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)

Note: Available Working Capital of bidder should be positive (+)

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

Similar work completed in last 10 years (Attach LOA, Completion Certificate, Final Payment Certificate documents to confirming similarity of work)	Value in Rs..... equivalent Value in USD..... Year..... Employer Completed Date Description of work (Attach as annex-08)
Major Items of Construction Equipment Proposed (Attach as annex-09)	1. Type.....Capacity.....
	2. Type.....Capacity.....
	3. Type.....Capacity.....
	4. Type.....Capacity.....
	5. Type.....Capacity.....
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)	Technical 1. 2. 3. Managerial 1 2 3

Details of Sub-Contractors

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

Details of Performance of Contracts

Project Name	Contract No.	Contract Period (Days)	Initial/Revised completion Date	Substantial Completion Date

*Work completed/ongoing in last five years

**If EOT is not submitted, submit the recommendation report from the Engineer for the Contract with reasons.

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

DRAFT

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 as amended by Act No. 05 of 1988 and No. 37 of 2009.
- b) Address of the Employer is: “*Maganeguma Mahamedura*”,
216, Denzil Kobbekaduwa Mawatha, Battaramulla.
Telephone: 0112862795, Fax: 0112872272
E-mail: gmo@ rda.gov.lk

The Scope of the Work is ‘**RECONSTRUCTION OF BOX BRIDGE NO 2/4 ON CHAVAKACHCHERI - TANANKILAPPU ROAD (B-076)**’

The Site is located in Jaffna District.

Clause 1.2

Time for completion is 180 **Days** from the Start Date

Clause 1.3

- a) The Procurement Documents shall be inspected from the RDA web site [www.rda.gov.lk] from 07/10/2025 to 22/10/2025.
- b) The non-refundable tender fee of **Rs. 10,000.00** with SSCL & VAT can be paid by depositing cash to the following account.
- | | | |
|-------|----------------|---|
| (i) | Account Name | : Provincial Director (North),
Road Development Authority, Jaffna. |
| (ii) | Account Number | : 2365088 |
| (iii) | Bank Name | : Bank of Ceylon – Jaffna Super Grade Branch |
- c) The Procurement Documents shall be collected during working hours from *09.00 Hrs to 15.00 Hrs* via email address **pdnprda@gmail.com** from 07/10/2025 until 21/10/2025.

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 Institute for Construction Industry Development Authority (CIDA) in C6 or above **grades in Bridge 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)
- Certified ***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 ten years
- Work in hand
- 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.
- Performance of the bidder in previous contracts in last five years.
- Rate Analysis of Major Items

Clause 4.4

- Average annual volume of construction work performed during the last five years shall be at least **Rs. 94.70 million**

Annual Average Construction Turnover (AACT) is calculated as follows,

$$AACT = \frac{\sum ACT_n}{5} \quad \text{where, } n = 1\text{st} \dots\dots\dots 5\text{th year (last five years)}$$

ACT_n - Annual Construction Turnover of nth year (from the audited financial report)

- The bidder should have, experience in construction of at least one contract of a nature and complexity equivalent to the similar box bridge 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. 22.10 million.**

Experience of subcontractors in respect of “Contract of similar size and nature” shall be accepted, only if the reference sub- contract was approved by the Employer. Also, such bidder shall submit the sub –contracting agreement along with the Completion Certificate issued by the main contractor and an approval letter issued by the Employer confirming the

sub-contracting arrangement. Any bids that, not complying with this requirement shall be rejected.

- Liquid Assets and / or credit facilities required

Minimum Liquid Assets available shall be **Rs. 15.78 million**

Minimum Liquid Assets Available is calculated as follows:

$$X = (A - L) - 0.1 W + C \quad \text{where;}$$

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

Note: Available Working Capital of bidder should be positive (+).

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.

No Conditional Line of Credit will be accepted and any letter of line of credit which has deviated from the specimen format, shall be considered as non-responsive.

Add new clause 4.5

Clause 4.5

- Any Bidder who has abandoned any of the previous contracts awarded to him.
- Any Bidder who has delayed previous contracts awarded to him beyond period of 50% of the respective contract period* in last five years before 22/09/2025 due to contractor's default.
- If any contract has been terminated due to the contractor's default within last five years before 22/09/2025.

If any bidder has one or more poor performed/ performing contracts shall be considered as non – responsive.

*Contract Period = Original Contract Period + Approved EOTs

C. PREPARATION OF BID

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

- a. Provincial Director (North),
Road Development Authority,
Jaffna

T P: 021 222 2517 or 021 222 2580 Fax: 021 222 2517

Clause 11.1 The language of the Bid shall be English.

Clause 13.3

The bid price shall include Physical Contingency, Price contingency and Provisional sums.

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 up to 21/01/2026.

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. 350,000.00.
- Valid until 18/02/2026.
- Issued by an agency acceptable to the Employer using the form for bid security (unconditional guarantee) included in Section 9 – Standard Forms.
- Bank guarantee issued by the any of the following banks/institutions are acceptable
 - (a). A local commercial bank approved by the Central Bank of Sri Lanka, which is operating in Sri Lanka.
 - (b) A foreign commercial bank operating in Sri Lanka, which is approved by the Central Bank of Sri Lanka.
 - (c) Unconditional, on demand Bid Security issued by the Construction Guarantee Fund
- The Beneficiary of Bid Security should be Provincial Director (North), Road Development Authority, Jaffna.

Clause 17.0

Pre-bid meeting will be held at the office of the Provincial Director (North), Road Development Authority, Jaffna at 10.00 hrs. on 16/10/2025. Site visit will be arranged if necessary.

D: SUBMISSION OF BID

Clause 19.2 (a)

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

*Chairman, RDA Regional Procurement Committee
C/o Provincial Director (North), Road Development Authority, Jaffna*

Clause 19.2 (b)

The name of the Contract is **'RECONSTRUCTION OF BOX BRIDGE NO 2/4 ON CHAVAKACHCHERI - TANANKILAPPU ROAD (B-076)'**, UNDER Contract No: **RDA/PD/NP/GOSL(WB)/2025/05**

Clause 20.1

The deadline for submission of bids shall be 10.00 hrs. on 22/10/2025.

E: AWARD OF CONTRACT

Add New sub Clause 31.3 – Appeal Procedure

After evaluation of Bids in accordance with the procedures described under sub clauses 25 to 30, Instructions to Bidders, the Employer will inform to all the bidders in writing the selection of the successful bidder and the intention of contract award to such bidder.

There shall be an interval between the submission date of the Procuring Entity's notification of the intention to award the Contract and the actual award of the contract. (Standstill Period) The purpose of the Standstill period is to provide sufficient time for the bidders to consider whether they should submit an appeal against the decision to award the contract. The Standstill period shall be at least ten (10) Working Days.

Before the expiry of the third (3rd) Working Day of the Standstill period, any unsuccessful bidder may request a debriefing from the Procuring Entity. The PE shall conclude the debriefing before the expiry of the fifth (5th) Working Day of the Standstill period. Details are included in Section 09

If any bidder wishes to submit an appeal against the recommendation, such appeal shall be made before the expiry of the Standstill period to the following address with non refundable cash deposit.

Address:

The Chairman,
*Regional Procurement Appeal Committee (RPAC).
RDA.

Cash Deposit ; Rs. 5,000.00

Clause 34.1

The Standard Form of Performance Security acceptable to the Employer shall be from the following agencies.

- (a). A local commercial bank approved by the Central Bank of Sri Lanka, which is operating in Sri Lanka.
- (b) A foreign commercial bank operating in Sri Lanka, which is approved by the Central Bank of Sri Lanka.
- (c) Unconditional, on demand Performance Security issued by the Construction Guarantee Fund

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

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 The Employer is the Road Development Authority established by the Act No 73 of 1981 as amended by Act No. 05 of 1988 and No. 37 of 2009.

Address: Provincial Director (North), Road Development Authority, Jaffna.

The name of Authorized Person who acting on behalf of Employer for the purpose of the Contract shall be as per the RDA circular no. RDA/ADGP/CIR/VOL-3 dated 8th of January 2024.

Name of Employer's Representative will be notified later.

1.1 The Engineer for the Contract will be notified later.

Engineer's Representative: Will be notified later

The scope of the work is Reconstruction of Box Bridge No 2/4 on Chavakachcheri - Tanankilappu Road (B-076)

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 bridge construction and shall have ability to lead and direct multi-disciplinary teams and experience in proper deployment and efficient management of human and other resources. |
| b. | Contract Administration | Minimum qualification shall be Diploma in Civil Engineering or Quantity Surveying in recognized institute with 3 years working experience in construction field and contract administration. |

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 occurrences 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 Days** from the Start Date.
- 21.1 The Site Possession Date shall be within 07 Calendar days from the date of Letter of Acceptance.
- 27.1 The Contractor shall submit a Programme for the Works within **28** 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 Add with the following,
The Defects Liability Period is 364 Days.
- 39.2 Engineer may order variations up to a total cumulative value of not exceeding the contingencies provided in the priced BOQ when an emergency situation occurs and to ensure proper implementation of construction activities in a timely manner. Any variation order which involves the increase of contract price or variation order on change of scope would need the prior approval of the Employer.
- 42.7 Add sub clause 42.7 with following,

The Contractor shall submit proof of royalty payment along with each payment application for the exact amount of royalties, along with the corresponding actual quantities of borrowed materials such as earth, sand aggregate and boulders as applicable under the respective pay items of the BOQ, in accordance with the Law of country.
- 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. If the Employer makes late payment the Contractor shall be paid interest on the late payment in the next payment. Interest shall be calculated from the date by which the payment should have been made up to the date when the late payment made at the rate of interest of 1% over and above the applicable legal rate of interest as determined by the Monetary Board of the Central Bank of Sri Lanka.”

47.1 Price Adjustment

The contract is subjected to price adjustment.

Indices No	Name of Input	Input Percentage (%)
M13B	Tor Steel	38.26%
M4	Cement	23.91%
M21	Formwork Timber	6.74%
M8	Sand	5.35%
P3	Fuel	5.33%
L1	Skilled Labour	5.26%
L3	Unskilled Labour	5.10%

Non-adjustable items shall be Bill No. 01 – Preliminaries & General, Bill No.04 – Day Works, and all PS & LS items.

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 **0.05%** 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 an agent acceptable to the Employer. 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.

Advance Payment Guarantee issued by the any of the following agents is acceptable.

- (a). A local commercial bank approved by the Central Bank of Sri Lanka, which is operating in Sri Lanka.
- (b) A foreign commercial bank operating in Sri Lanka, which is approved by the Central Bank of Sri Lanka.
- (c) Unconditional, on demand Advance payment Guarantee issued by the Construction Guarantee Fund.

- 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.
- Performance Security Issued by the any of the following agents is acceptable,
- (a). A local commercial bank approved by the Central Bank of Sri Lanka, which is operating in Sri Lanka.
 - (b) A foreign commercial bank operating in Sri Lanka, which is approved by the Central Bank of Sri Lanka.
 - (c) Unconditional, on demand Performance Security issued by the Construction Guarantee Fund
- 58.1 As-Built Drawings shall be submitted to the Engineer within one month after the issuing of Certificate of Completion.
- Add the annexure of additional requirements pertaining to the as built drawings to this sub clause
- 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 plus following percentage of actual cost shall be paid to the Contractor for Provisional Sum of the Bill of Quantities."
- 1. For the works executed by Utility Authorities - 10%
 - 2. For the works directly executed by the Contractor – 20%
 - 3. For supplying and services-10%

AS BUILT DRAWINGS

Description

The work shall consist of preparation of As Built Drawings necessary for performance of the completion of the work covered by the Contract, the Contractor shall supply them by the dates stated in the Contract Data.

The Contractor shall retain, at his sole expense, a qualified engineer for appropriate on site construction inspections to ensure that all improvements as set forth required, pursuant to RDA standards and specification, and as-built shall be provided. The contractor shall certify, in writing, to the Engineer that the improvements were done in compliance with the approved plan or agreement pursuant to RDA Standards & Specifications and as-built shall be provided.

Field managed record drawings should be provided to the Engineer with indicating additions and deletions for approval before preparation of the final as-built Drawings.

The following requirements shall be applied to each as-built drawing developed for the project and a hard copy together with an electronic AutoCAD drawing file format on CD shall submit for the Engineer.

Construction Requirement

The following items shall be required for all “As-Built Drawings.

- (a) All as-built for projects are required to be on 24” x 36” or similar size of construction drawings and shall bear the name and address, of the person who preparing the drawings and the date the as-built data is added to the original via the revision block. Electronic Auto CAD drawing files, based on the GPS coordinate, are also required (if the construction drawings are prepared based on GPS coordinates). Surveyor’s/Engineer’s statement (with embossed or wet seal and with an original signature on each sheet) shall verify that as-built drawings reflect the true conditions in the field.
- (b) Contractor’s statement (with an original signature on each sheet) shall verify that all construction specifications and product qualities have been met or exceeded.
- (c) “AS BUILT DRAWINGS” of “RECORD DRAWING” shall be clearly labelled on each sheet.
- (d) If the details of under-ground service lines (Water, Sewerage, ducts &etc) are available needs to be included to the as-built drawings on the approval of Engineer
- (e) The location and elevation of the benchmark referenced will be shown on the drawing. If the reference benchmark is within the project, then a complete description of its location will be provided to assist in future locating.
- (f) Survey data, relative to the GPS coordinate grid, on right-of-way monuments installed or encountered within the project
- (g) Note any changes to the alignment either vertically or horizontally of curb & gutter sidewalk, pavers or any other surface improvement.

Measurement & Payments

No payment shall pay for the preparation of As built drawings. If the Contractor does not supply the As Built Drawings by the dates stated in the contract data, or they do not receive the Engineer’s approval, the Engineer shall withhold the release of Final payment of the Contract.

Section - 6

Specifications

Standard Specification
Particular Specification

Standard Specifications

The Standard Specifications comprise ‘Standard Specifications 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 Institute of Construction Training and Development.

The 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 ICTAD.

DRAFT

Particular Specifications

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

The Particular Specifications 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 Specifications. Finally in some sections not covered in the Particular Specifications, the Standard Specifications shall apply in full.

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

DRAFT

PRELIMINARIES & GENERAL

P001. Mobilization and Demobilization of site

Description

The Contractor shall make provision for mobilization & demobilization of equipment, plant and machinery, staff, laborers 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 the Contractor and within the lump sum amount agreed in the Bill of Quantities.

Item No.	Description	Pay Unit
P001	Allow for mobilization and demobilization of Site.	LS

P(006) Office consumable for the Engineer

Description

Office consumable for the Engineer as directed by the Engineer

Pay Item Description

Pay Item	Description	Pay Unit
P (006)	Office consumable for the Engineer	Month

Section-7

Bill of Quantities

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 |
| mth. | - | 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

**RECONSTRUCTION OF BOX BRIDGE NO 2/4 ON CHAVAKACHCHERI - TANANKILAPPU
ROAD (B-076)**

CONTRACT NO. RDA/PD/NP/GOSL(WB)/2025/05

<i>Bill No</i>	<i>Description</i>	<i>Amounts / Rs</i>
<i>I</i>	Preliminaries & General	
<i>2A</i>	Removal of existing structure	
<i>2B</i>	Foundation & substructure	
<i>2C</i>	Superstructure	
<i>3</i>	Road Works	
<i>4</i>	Day Works	
<i>A</i>	Sub Total-01	
<i>B</i>	Provisional sums (PS)	1,600,000.00
<i>C</i>	Sub Total -02 without PS (A-B) (deduct PS from subtotal 01)	
<i>D</i>	Discount if any	Amount in words
	 Amount in figures
<i>E</i>	Sub Total 03 (C -D)	
<i>F</i>	Sub Total 04 with PS (E+B) (add PS to subtotal 03)	
<i>G</i>	Allow for physical contingencies 10% (F*10%)	
<i>H</i>	Allow for price contingencies 3% (F*3%)	
<i>I</i>	Bid Price (F+G+H) [Form of Bid price]	
<i>J</i>	VAT (18%*I)	
<i>K</i>	Bid Price with VAT (I+J)	

Amount in words: _____

Name of Authorized Officer: _____

Signature: _____

BILL NO. 01

**PRELIMINARIES AND GENERAL FOR RECONSTRUCTION OF PROPOSED BOX BRIDGE NO. 2/4 ON
CHAVAKACHCHERI - TANANKILAPPU ROAD (B-076)**

Item No.	Pay Item	Description	Qty	Unit	Rate Rs.	Amount Rs.
1	P(001)	Allow for mobilisation & demobilisation	Item	L.S.		
2	203(3)	Shifting of Utility Services.	Item	P.S.		500,000.00
6	P(006)	Office consumable for the Engineer	6	Month		
9	103(1)	Allow for safety of road users including barricading lighting, watching, traffic controlling, providing temporary sign boards & maintain existing road.	6	Month		
10	118(1)	Provision of project name boards as directed by the Engineer	2	Nos.		
11	119(1)	Provide all necessary insurance.	Item	L.S.		
12	119(2)	Provides all bonds & securities	Item	L.S.		
SUMMARY OF BILL NO. 01						

BILL NO 02

RECONSTRUCTION OF PROPOSED BOX BRIDGE NO. 2/4 ON CHAVAKACHCHERI - TANANKILAPPU ROAD (B-076) AS PER DRAWING NOS. NEP/B/1580/1 & 2

Item	Pay Item	Description	Quantity	Unit	Rate	Amount
<u>A. REMOVAL OF EXISTING STRUCTURES</u>						
A.1	202(1b)	Removal and disposal of existing bridge deck, dismantling of steel work, transporting the reusable material to a place within 10km. as directed and stacking the same and demolishing the existing substructure after completion of the Bypass.	Item	P.S.		500,000.00
<u>B. FOUNDATION & SUBSTRUCTURE</u>						
<u>Abutment & Wingwall</u>						
<u>Clearing & Grubbing</u>						
B.1	201(1)	Clearing & Grubbing	200.00	m ²		
<u>Excavation & Backfill</u>						
B.2	302(1)	Excavation in unclassified soil and backfill for box structure & and wingwalls.	275.00	m ³		
B.3	302(9)	Preparation of base under the bottom slab as per drawing.	Item	P.S.		500,000.00
B.4	302(10)	Construction of necessary cofferdams cribs sheeting, shoring and bracing and their subsequent removal.	Item	L.S.		
B.5	302(11)	Dewatering	Item	L.S.		
<u>Concrete For Structures</u>						
B.1.6	1001(4a)	Class S concrete of nominal mix 1:3:6(20) with Hydraulic Blended Cement to SLS 1247 - 2015 with maximum 25% fly ash as screed under bottom slab of box Bridge.	6.50	m ³		
B.1.7	1001(4b)	Class S concrete of Grade 45(20) with Hydraulic Blended Cement to SLS 1247 - 2015 with maximum 25% fly ash in bottom slab & drop walls of box Bridge.	41.25	m ³		
B.1.8	1001(4c)	Class S concrete nominal mix 1:3:6 (37.5) mass concrete with Hydraulic Blended Cement to SLS 1247 - 2015 with maximum 25% fly ash in apron	3.00	m ³		
B.1.9	1001(4d)	Class S concrete of Grade 30(20) with Hydraulic Blended Cement to SLS 1247 - 2015 with maximum 25% fly ash in approach slabs.	5.75	m ³		
B.1.10	1001(4b)	Class S concrete of Grade 45(20) with Hydraulic Blended Cement to SLS 1247 - 2015 with maximum 25% fly ash in side walls, wingwalls & corbel for approach slabs.	30.00	m ³		
<u>Formwork</u>						

Item	Pay Item	Description	Quantity	Unit	Rate	Amount
B.1.11	1008(2)	Rough finish formwork for bottom slab, apron & drop wall of box Bridge.	60.00	m ²		
B.1.12	1008(1b)	Smooth finish formwork for side walls, wingwalls, corbel for approach slab & approach slab.	175.00	m ²		
		<u>Reinforcement</u>				
B.1.13	1002(1a)	Cold worked deformed high yield steel bars of Grade 460 in bottom slab & drop walls of box Bridge.	4.00	M.T.		
B.1.14	1002(1a)	Cold worked deformed high yield steel bars of Grade 460 in side walls, corbel for approach slab & approach slab.	3.25	M.T.		
B.1.15	1002(1b)	Hot rolled mild steel bars of Grade 250 in corbel for approach slab.	0.20	M.T.		
		<u>Weep Holes</u>				
B.1.16	706(1)	Forming weep holes in abutments & wingwalls using 110mm dia. P.V.C. pipes and finished smooth with dripledge and surround complete as per drawing.	11.00	L.m.		
		<u>Drainage Backfill Material</u>				
B.1.17	705(1)	50-200mm. dry stone lining behind abutment & wingwalls as per drawing.	23.25	m ³		
B.1.18	705(2)	75mm. thick 40mm. stone filter layer behind dry stone lining as per drawing.	3.35	m ³		
B.1.19	705(3)	Clay puddled & laid behind abutments & wingwalls to form the impervious layer as per drawing.	20.00	m ²		
		<u>C. SUPER STRUCTURE</u>				
		<u>Concrete For Structures</u>				
C.1	1001(4b)	Class S concrete of Grade 45(20) with Hydraulic Blended Cement to SLS 1247 - 2015 with maximum 25% fly ash in top slab of box Bridge.	23.00	m ³		
C.2	1001(4d)	Class S concrete of Grade 30(20) with Hydraulic Blended Cement to SLS 1247 - 2015 with maximum 25% fly ash in footwalks & footwalk ramps.	9.50	m ³		
		<u>Formwork</u>				
C.3	1008(1a)	Smooth finish form work for top slab concreting of box Bridge.	70.00	m ²		

Item	Pay Item	Description	Quantity	Unit	Rate	Amount
C.4	1008(1b)	Smooth finish formwork on sides for foot walk concreting. <u>Reinforcement</u>	8.00	m ²		
C.5	1002(1a)	Cold worked deformed high yield steel bars Grade 460 in top slab of box Bridge.	3.50	M.T.		
C.6	1002(1a)	Cold worked deformed high yield steel bars Grade 460 in foot walks & Guard Walls. <u>Railings</u>	0.50	M.T.		
C.7	1018(1)	Precast reinforced concrete railing & uprights in Class S Grade 30(20) concrete with Hydraulic Blended Cement to SLS 1247 - 2015 with maximum 25% fly ash inclusive of light reinforcement & mould as per drawing No. T/B/102 A & B (Specially Cast)	18.00	L.m.		
C.8	1019(1)	End pilasters Type B in Class S concrete with Hydraulic Blended Cement to SLS 1247 - 2015 with maximum 25% fly ash of Grade 25(19) with foundation type V-b as per drawing No. T/B/513 (Specially Cast). <u>Guard Stones</u>	4.00	Nos.		
C.9	808(5)	Precast Concrete guard stones supplied and fixed as per Drawing. <u>Concrete Kerbs</u>	8	Nos		
C.10	807(1)	Precast kerb in Class S Grade 25(20) concrete with Hydraulic Blended Cement to SLS 1247 - 2015 with maximum 25% fly ash with light reinforcement & mould as per drawing No. T/B/512 (Specially Cast).	30.00	L.m.		
C.11	807(4)	Lower kerbs in Class S Grade 20(14) concrete with Hydraulic Blended Cement to SLS 1247 - 2015 with maximum 25% fly ash cast insitu as per drawing. <u>Bridge Bearings</u>	10.00	L.m.		
C.12	1010(2)	75x12mm. hard rubber bearing pads supplied & laid over corbel for approach slab as per drawing. <u>Miscellaneous</u>	14.00	L.m.		
C.13	1012(1)	20mm Dia. 200mm long hot rolled mild steel dowels supplied fixed and grouted for the approach slab as per drawing.	28	Nos.		
C.14	1013(1)	Bituminous sealing felt under approach slabs at ends to prevent bitumen running to the bearings per drawing.	14.00	L.m.		
C.15	1016(1a)	160mm. dia. P.V.C. service duct fixed through deck as per drawing.	30.00	L.m.		
C.16	1020(1a)	110mm. dia. P.V.C. rain water outlets supplied and fixed through deck as per drawing.	2.00	Nos.		

Item	Pay Item	Description	Quantity	Unit	Rate	Amount
C.17	1403(7)	Supply & application of weather seal enamel paint on sides of bridge deck, end pilasters, uprights & railing etc. as specified by the Engineer.	175.00	m ²		
		<u>Tack Coat</u>				
C.18	502(2)	Medium curing cut back bitumen (10-20%) or emulsified bitumen Grade CSS-1 tack coat applied at the rate of 0.5 litres/m ² to concrete deck and approach slab surface.	67.00	m ²		
		<u>Asphaltic Concrete Surfacing</u>				
C.19	506(2)	Asphaltic Concrete Surfacing compacted to a thickness of 50mm over the concrete deck & approach slab.	8.50	M.T.		

E. MISCELLANEOUS STRUCTURES

E.1	103(2)	Providing & maintaining of a temporary by-pass to accommodate the traffic flow during the construction, and removing of the same after completion of new bridge.	Item	L.S.		
-----	--------	--	------	------	--	--

SUMMARY OF BILL NO 02

A. REMOVAL OF EXISTING STRUCTURES

B. FOUNDATION & SUBSTRUCTURE

C. SUPER STRUCTURE

E. MISCELLANEOUS STRUCTURES

TOTAL

=====

BILL NO 03

**CONSTRUCTION OF IMMEDIATE APPROACHES FOR BRIDGE NO. 2/4 ON
CHAVAKACHCHERI - TANANKILAPPU ROAD (B-076) AS PER DRAWING NOS. NEP/B/1580/1
& 2**

Item	Pay Item	Description	Quantity	Unit	Rate	Amount
<u>A. SITE CLEARING</u>						
<u>Clearing & Grubbing</u>						
A.1	201(1)	Clearing & Grubbing	101.20	m ²		
<u>Removal of Structures and Obstructions</u>						
A.2	202(6)	Removal of Structures and obstructions where necessary and transport reusable material to a place within 10.0Km. as directed and staking the same.	Item	P.S.		100,000.00
<u>B. EARTHWORKS</u>						
<u>Roadway excavation</u>						
B.1	301(1)	Roadway excavation in unclassified soil.	15.00	m ³		
<u>Embankment Construction</u>						
B.2	304(2a)	Embankment Construction using borrow material of type I compacted in position.	15.00	m ³		
B.3	304(3)	Trimming Levelling & Compacting of Original ground.	220.00	m ²		
<u>Shoulder Construction</u>						
B.4	409(1)	Shoulder construction using shoulder material and compacted in position.	10.00	m ³		
<u>Top Soiling</u>						
B.5	801(1)	Top soil supplied, piled & spread.	5.00	m ³		
<u>Grassing</u>						
B.6	802(4)	Solid sodding	30.00	m ²		
<u>C. ROAD PAVEMENT</u>						
<u>Soil Sub Base</u>						
C.1	401(1a)	Soil sub base type I material compacted in position.	25.00	m ³		
C.2	401(1b)	Soil sub base type II material compacted in position.	33.00	m ³		
<u>Reconstruction of Existing Base</u>						
C.3	408(2a)	Scarifying existing surface as necessary.	100.00	m ²		

Item	Pay Item	Description	Quantity	Unit	Rate	Amount
<u>Dense Graded Aggregate Base</u>						
C.4	405(1)	Dense graded aggregate base of nominal maximum size 50mm for existing carriageway and widening sections to a maximum thickness of 225mm as per drawing.	37.00	m ³		
<u>Prime Coat</u>						
C.5	501(5)	M.C. Cutback bitumen (20-45%) or MC30 or Bituminous emulsion of Grade CSS-1 applied at the rate of 0.9 -1.5 litre per square meter over the finished dense grade aggregate base.	165.00	m ²		
<u>Tack coat</u>						
C.6	502(2a)	M.C. Cutback bitumen (10-20%) or emulsified bitumen Grade CSS-1 tack coat applied at the rate of 0.5 litre per square meter over the finished dense grade aggregate base before the application of asphaltic concrete binder course.	165.00	m ²		
C.7	502(2b)	M.C. Cutback bitumen (10-20%) or emulsified bitumen Grade CSS-1 tack coat applied at the rate of 0.5 litre per sqr meter over the asphaltic concrete binder course before the application of asphaltic concrete surfacing.	165.00	m ²		
<u>Asphaltic Concrete Surfacing</u>						
C.8	506(2)	Asphaltic Concrete binder course compacted to a thickness of 50mm in position.	19.78	M.T.		
C.9	506(2)	Asphaltic Concrete Surfacing compacted to a thickness of 50mm in position.	165.00	m ²		
<u>Road Markings</u>						
C.10	810	Application of road markings as per specification.	72.00	m ²		
<u>D. INCIDENTAL CONSTRUCTION</u>						
<u>Rip Rap Protection</u>						
D.1	804(1)	Grouted rip rap filled with 1:3 cement mortar as per drawing.	9.36	m ³		
<u>SUMMARY OF BILL NO 03</u>						
A. SITE CLEARING						
B. EARTH WORK						
C. ROAD PAVEMENT						
D. INCIDENTAL CONSTRUCTION						_____
TOTAL						=====

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	10	Days		
2	Semi skilled labour	5	Days		
3	Skilled labour	5	Days		
4	Operator	5	Days		
5	Foreman	3	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 inches	8	Hrs.		
2	Tractor with Trailer	Any	8	Hrs.		
3	Wheel Loader	1.70 Cu.m	4	Hrs.		
4	Hand Rammers	60 kg	10	Hrs.		
5	Concrete Mixer	1 - 2 cu.m	8	Hrs.		
6	Steel Wheel Roller self Propelled Static	8 - 10 Ton	8	Hrs.		
7	Water pump	4 inch dia.	15	Hrs.		
8	Backhoe loader	2 W.D	8	Hrs.		
9	Welding plant engine driven	--	20	Hrs.		
10	Hammer (Vibro electric)	--	5	Hrs.		
11	Generator	7 - 10 KVA	3	Hrs.		
12	Compressor	750 CFM	5	Hrs.		
13	Hand held breaker demolition	Pneumatic	5	Days		
	Total					

03. MATERIAL

Note : All items in this bill are Provisional

No.	Material	Qty	Unit	Rate	Amount
1	Cement ordinary (50 kg bag)	5	Nos.		
2	Aggregate (19 mm)	5	Cu.m.		
3	Aggregate (37.5 mm)	5	Cu.m.		
4	Sand	5	Cu.m.		
5	Bitumen 80/100	100	Liter		
6	Bituminous emulsion CRS-1	100	Liter		
7	Asphalt concrete - surfacing material - binder 60/70 bitumen at 4.7% of mix.	3	Mt.		
8	Aggregate Base Course (37.5 mm down graded)	5	Cu.m.		
9	Random Rubble (150-225 mm)	5	Cu.m.		
10	Reinforcement in bars Grade 250	0.25	Mt.		
11	Reinforcement in bars Grade 460	0.25	Mt.		
12	Timber Class II of Sri Lanka Timber Corporation or equivalent	1	Cu.m.		
13	Plywood (15 mm thick)	5	Sq.m.		
14	Diesel	80	Liter		
	Total				

Ma/2025

SUMMARY OF DAY WORKS

01. Labour

02. Equipment

03. Material

TOTAL

=====
=====

Section - 9

Standard Bid Forms

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

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: Provincial Director (North), Road Development Authority, Jaffna.

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 **‘RECONSTRUCTION OF BOX BRIDGE NO 2/4 ON CHAVAKACHCHERI - TANANKILAPPU ROAD (B-076)’** under Contract No: **RDA/PD/NP/GOSL(WB)/2025/05**

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

FORM FOR AFFIDAVIT FOR THE CURRENT COMMITMENTS

Chairman,
Road Development Authority Procurement Committee.

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 2025 [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

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

FORM FROM THE BANK FOR GRANTING THE REVOLVING LINE OF CREDIT

[In Letterhead of the bank]

FROM :

TO : Provincial Director (North), Road Development Authority, Jaffna

SUB:Letter from the bank for providing a line of credit in favour of¹ in case of award to them of works for the Contract of **‘RECONSTRUCTION OF BOX BRIDGE NO 2/4 ON CHAVAKACHCHERI - TANANKILAPPU ROAD (B-076)’** UNDER Contract No: **RDA/PD/NP/GOSL(WB)/2025/05**

Dear Sir,

We² bankers of³ 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 BOX BRIDGE NO 2/4 ON CHAVAKACHCHERI - TANANKILAPPU ROAD (B-076)’** under Contract No: **RDA/PD/NP/GOSL(WB)/2025/05** 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 No Signature
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

FORMAT FOR NOTIFICATION OF INTENTION TO AWARD

[This Notification of Intention to Award shall be sent to each Bidder that submitted a Bid.]

[Send this Notification to the Bidder's Authorized Representative named in the Bidder Information Form]

For the attention of Bidder's Authorized

Representative Name: [insert Authorized

Representative's name]

Address: [insert Authorized Representative's Address]

Telephone/Fax numbers: [insert Authorized Representative's telephone/fax numbers] Email Address: [insert Authorized Representative's email address]

[IMPORTANT: insert the date that this Notification is transmitted to Bidders. The Notification must be sent to all Bidders simultaneously. This means on the same date and as close to the same time as possible.]

DATE OF TRANSMISSION: This Notification is sent by: [email/fax] on [date] (local time)

Notification of Intention to Award

Employer: [insert the name of the Employer]

Project: [insert name of project]

Contract title: [insert the name of the contract]

This Notification of Intention to Award notifies you of our decision to award the above Contract. The transmission of this Notification begins the Standstill Period. During the Standstill Period you may:

- a) request a debriefing in relation to the evaluation of your Bid, and/or (refer Clause)
- b) submit a Procurement-related Complaint in relation to the decision to award the Contract.

1. The successful Bidder

Name: [insert name of successful Bidder] Address: [insert address of the successful Bidder]

Contract price: [insert contract price of the successful Bid]

2. Other Bidders [INSTRUCTIONS: insert names of all Bidders that submitted a Bid. If the Bid's price was evaluated include the evaluated price as well as the Bid price as read out.]

3.

Name of Bidder	Bid price	Evaluated Bid price (if applicable)
[insert name]	[insert Bid price]	[insert evaluated price]
[insert name]	[insert Bid price]	[insert evaluated price]
[insert name]	[insert Bid price]	[insert evaluated price]

4. Reason/s why your Bid was unsuccessful

[INSTRUCTIONS: State the reason/s why this Bidder's Bid was unsuccessful. Do NOT include:

(a) a point by point comparison with another Bidder's Bid or (b) information that is marked confidential by the Bidder in its Bid.]

5. How to request a debriefing

DEADLINE: The deadline to request a debriefing expires on [insert date]

You may request a debriefing in relation to the results of the evaluation of your Bid. If you decide to request a debriefing your written request must be made within three (3) Working Days of receipt of this Notification of Intention to Award.

Provide the contract name, reference number, name of the Bidder, contact details; and address the request for debriefing as follows:

Attention: [insert full name of person, if applicable] Title/position: [insert title/position]

Agency: [insert name of Employer] Email address: [insert email address]

Fax number: [insert fax number] *delete if not used*

If your request for a debriefing is received within there (3) Working Days deadline, we will provide the debriefing within five (5) Working Days of receipt of your request. If we are unable to provide the debriefing within this period, the Standstill Period shall be extended by five (5) Working Days after the date that the debriefing is provided. If this happens, we will notify you and confirm the date that the extended Standstill Period will end.

The debriefing may be in writing, by phone, video conference call or in person. We shall promptly advise you in writing how the debriefing will take place and confirm the date and time.

If the deadline to request a debriefing has expired, you may still request a debriefing. In this case, we will provide the debriefing as soon as practicable, and normally no later than ten (10) Working Days from the date of publication of the Contract Award Notice.

6. How to make a complaint

Period: Procurement-related Complaint challenging the decision to award shall be submitted on or before, [insert date]

Provide the Contract name, reference number, name of the Bidder, contact details; and address the Procurement-related Complaint as follows:

Attention: [insert full name of person, if applicable]
Title/position: [insert title/position]
Agency: [insert name of Employer]
Email address: [insert email address]
Fax number: [insert fax number] *delete if not used*

At this point in the procurement process, you may submit a Procurement-related Complaint challenging the decision to award the contract. You do not need to have requested, or received, a debriefing before making this complaint. Your complaint must be submitted within the Standstill Period and received by us before the Standstill Period ends.

Further information:

For more information see the Procurement Manual 2024 for goods, Works and Non-Consulting Services issued by National Procurement Commission. You should read these provisions before preparing and submitting your complaint.

In summary, there are four essential requirements:

1. You must be an 'interested party'. In this case, that means a Bidder who submitted a Bid in this bidding process, and is the recipient of a Notification of Intention to Award.
2. The complaint can only challenge the decision to award the contract.
3. You must submit the complaint within the period stated above.
4. You must include, in your complaint, all of the information required by the Procurement Regulations

7. Standstill Period

DEADLINE: The Standstill Period is due to end ~~at midnight~~ on [insert date] (~~local time~~). The Standstill Period lasts ten (10) Working Days after the date of transmission of this Notification of Intention to Award.

The Standstill Period may be extended as stated in Section 4 above.

If you have any questions regarding this Notification, please do not hesitate to contact us.

On behalf of the Employer:

Signature: _____

Name: _____

Title/position: _____

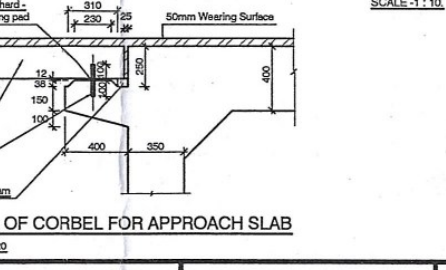
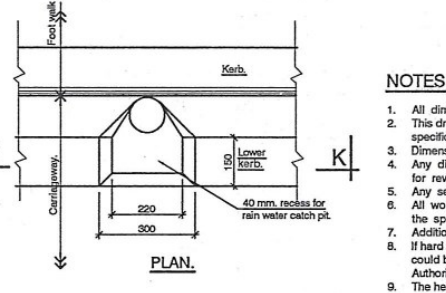
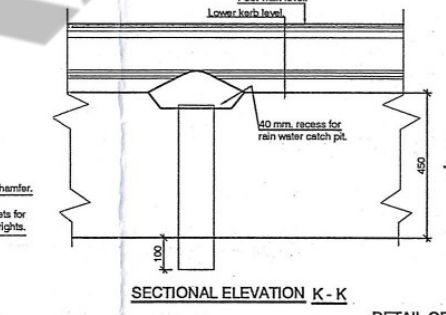
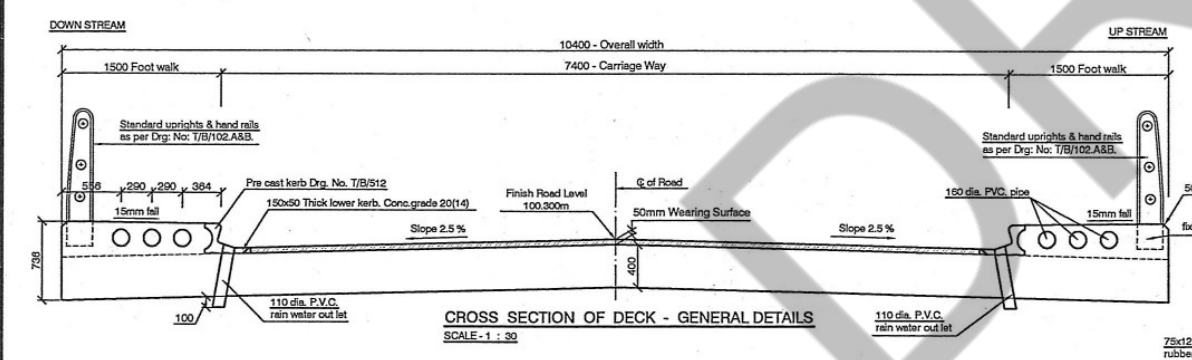
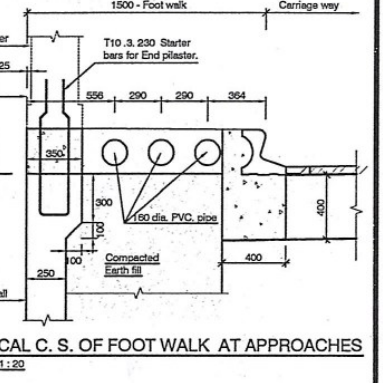
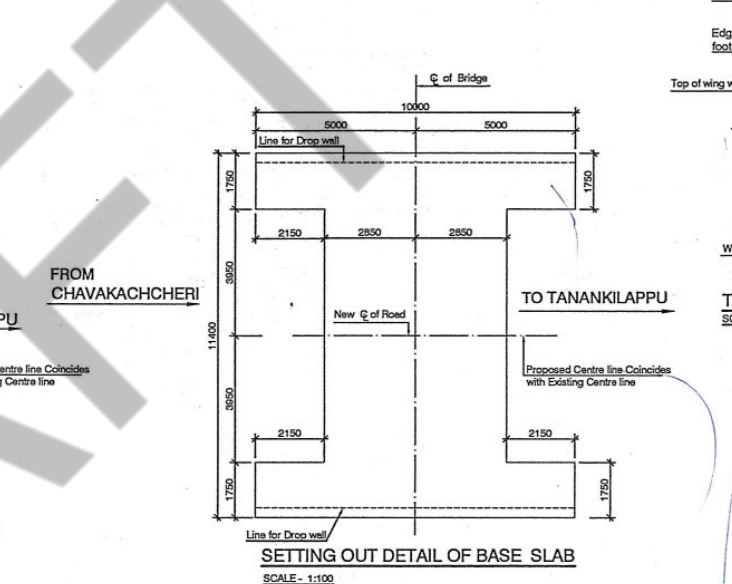
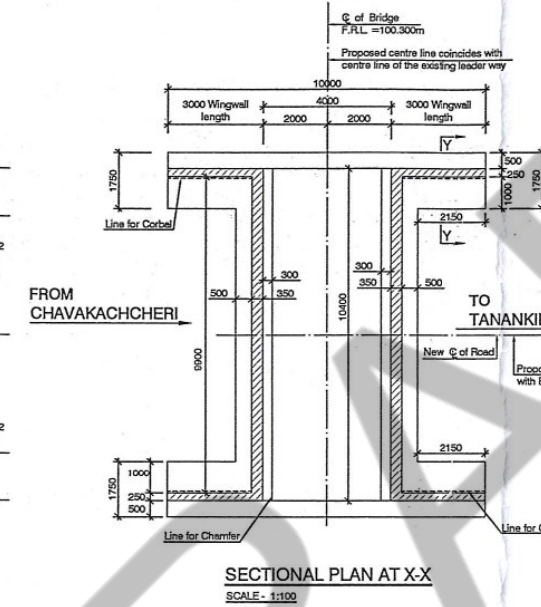
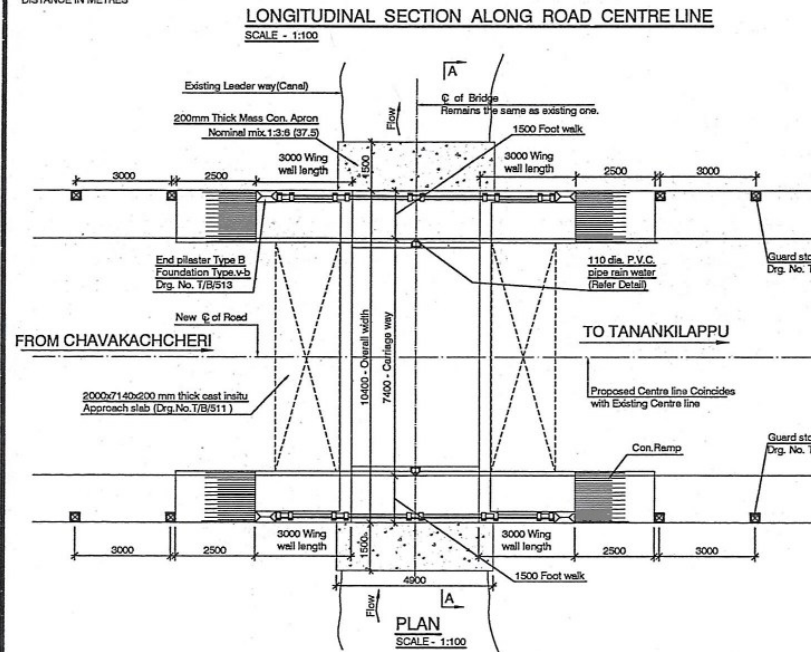
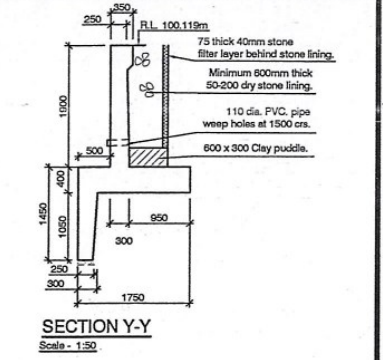
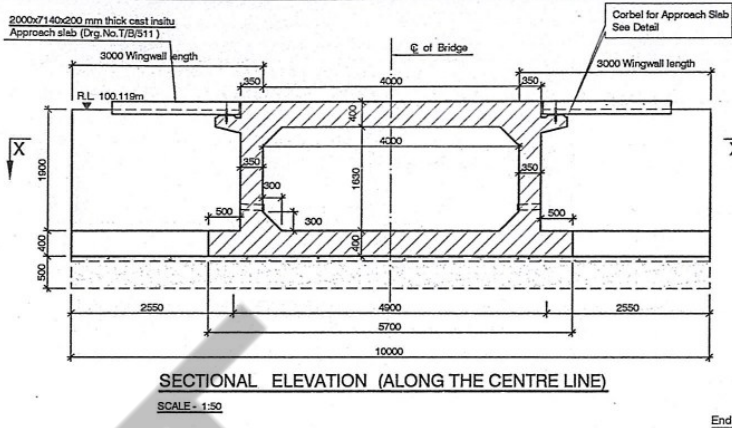
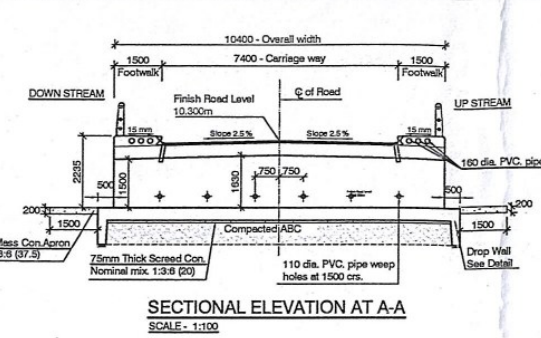
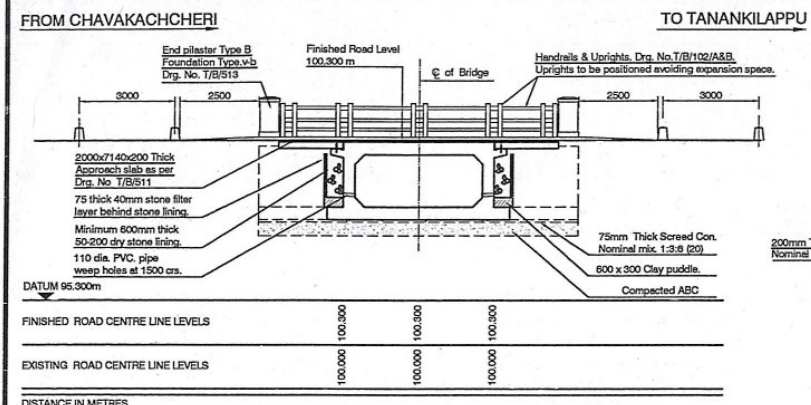
Telephone: _____

Email: _____

Section - 8

Drawings

DRAFT



- NOTES**
- All dimensions are in millimetres unless otherwise stated.
 - This drawing to be read in conjunction with Drg. Nos. NP/B/1580/2 and standard specifications for Construction and Maintenance of Roads and Bridges.
 - Dimensions shall not be obtained by scaling.
 - Any discrepancies in the contract drawings shall be referred to the Engineer for revisions before proceeding with work.
 - Any setting out dimensions shown on drawing shall be verified.
 - All workmanship and materials are to be in accordance with the requirements of the specifications and by laws of the authority.
 - Additional weep holes are to be provided if necessary to suit site condition.
 - If hard soil strata is encountered at base slab level, preparation of ABC bed could be omitted, after consulting the Bridge Design Office, Road Development Authority.
 - The height of the structure shall be suitably adjusted by keeping maximum height shown here in.
 - Design bearing pressure under foundation is $100kN/m^2$.
 - Top slab thickness is constant throughout the bridge.
 - If peat or weak soil is found under the proposed compacted ABC it shall be removed and filled with compacted sand after referring to the engineer.
 - Existing Finished level shall be assumed as 100m.

DRG. INDEX

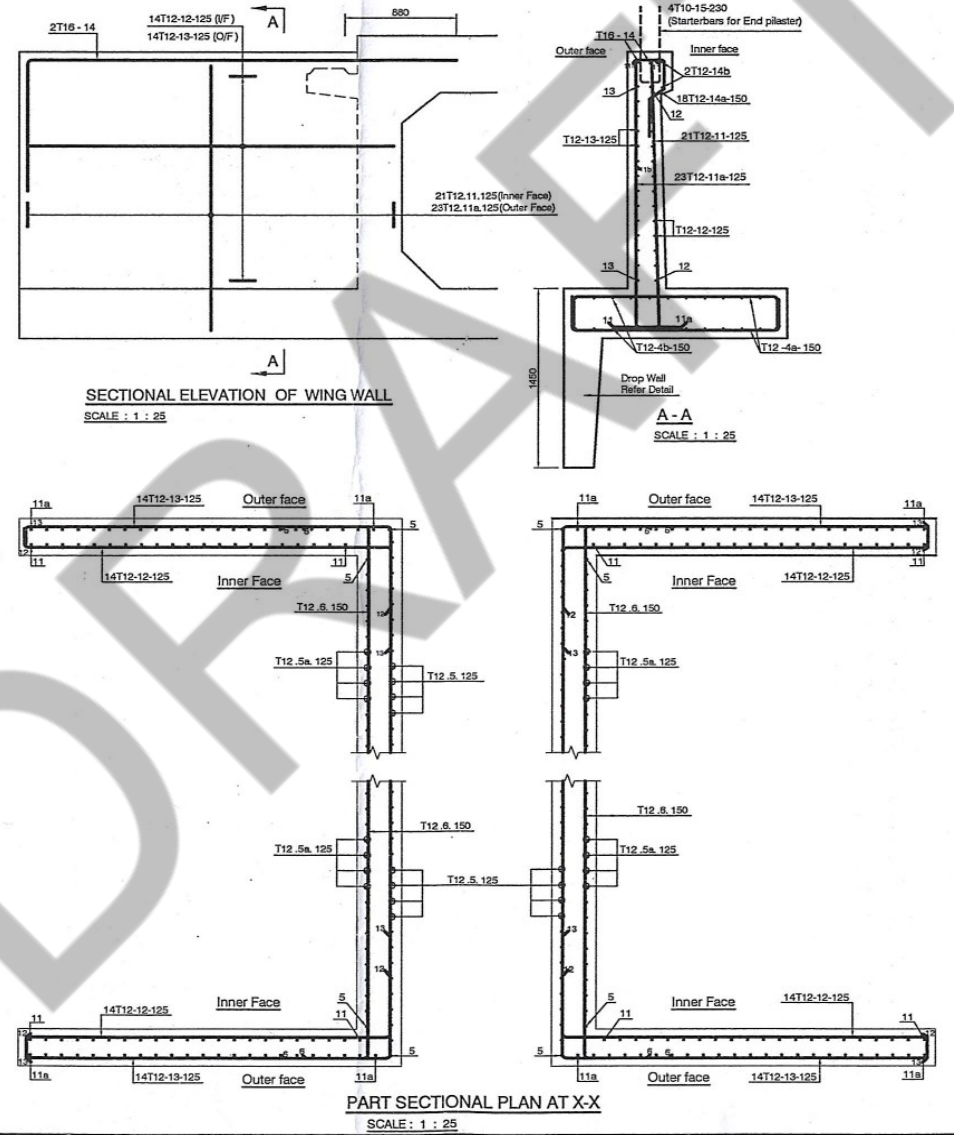
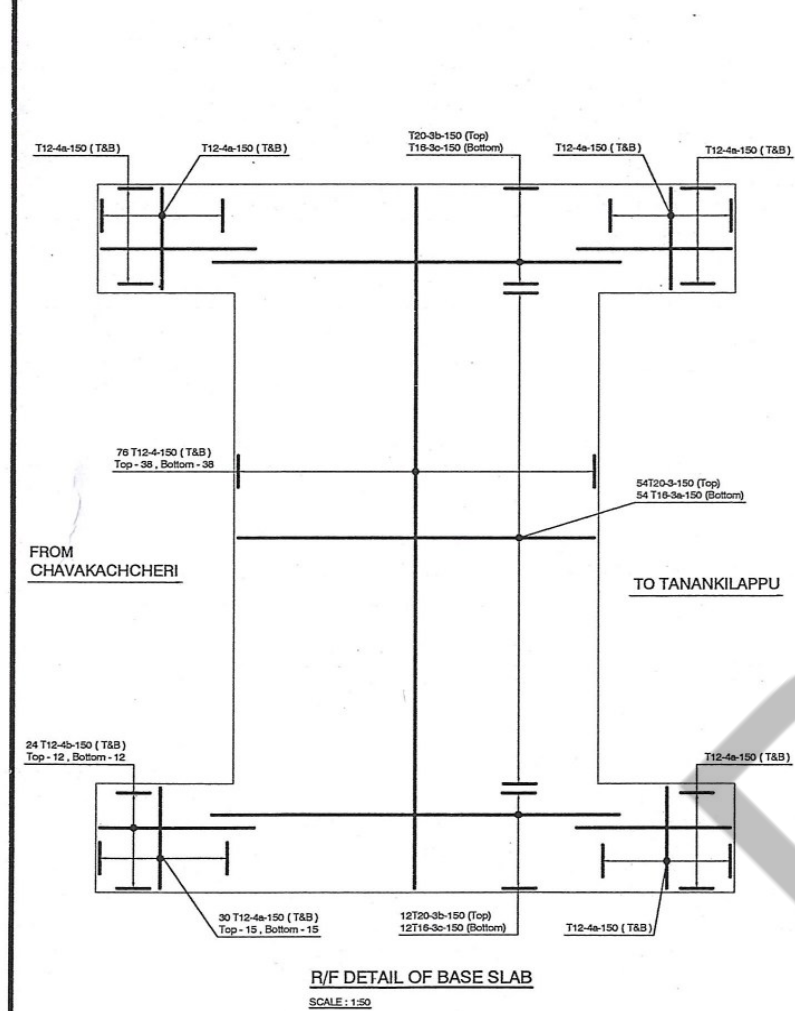
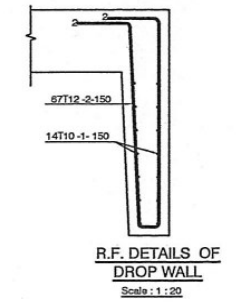
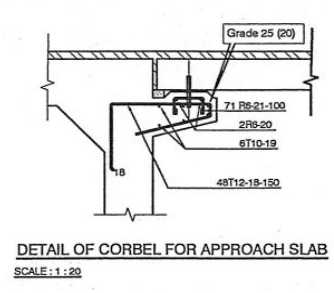
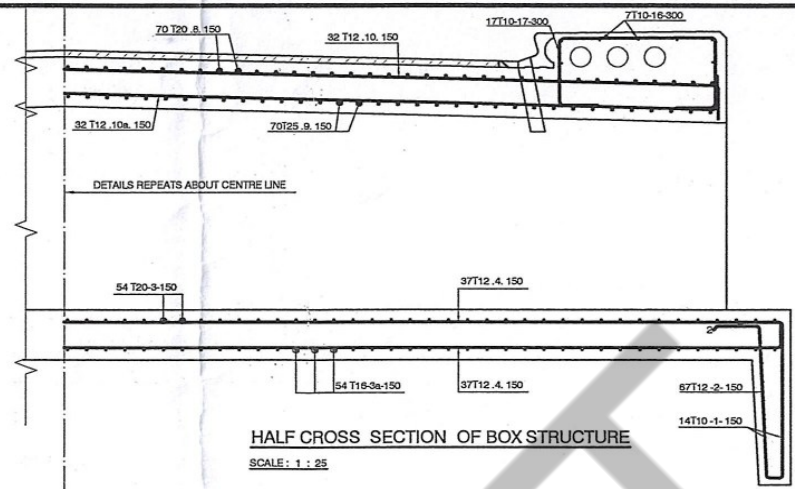
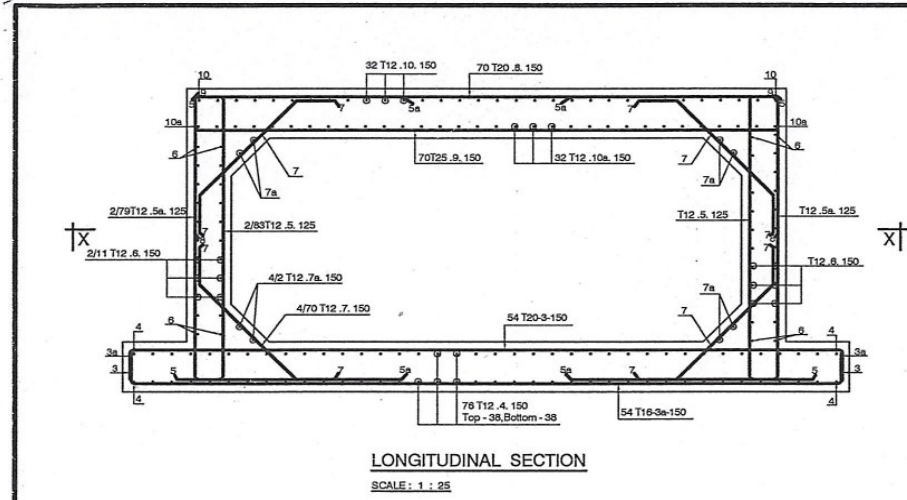
1. General Details	- NP/B/1580/1
2. RV Details	- NP/B/1580/2

Thamali

**CHAVAKACHCHERI - TANANKILAPPU ROAD. (B076)
BRIDGE NO: 2/4 km (RECONSTRUCTION)**

**GENERAL
DETAILS**

MINISTRY OF HIGHWAYS - SRI LANKA ROAD DEVELOPMENT AUTHORITY		BRIDGE DESIGNS OFFICE 'MAGANEJUMA MAHAMEDURA' BATTARAMULLA
DESIGNED : <i>T. Ramachandran</i>	SENIOR ENGINEER - DESIGNS	
DRAWN : <i>Thamali</i>	DEPUTY DIRECTOR GENERAL (S.D.)	
CHECKED : _____	ADDITIONAL DIRECTOR - BRIDGE DESIGNS	
FILE NO. : _____	DATE : _____	ADDITIONAL DIRECTOR GENERAL (E.S.) FOR DIRECTOR GENERAL
DRG. NO. NP/B/1580/1		



Member	Bar Mark	Type & Size	Nos of Mbrs	No. of Bars in each	Total No	Length of each Bar in (mm)	Total Length in (m)	Weight in (kg)	Bending
Drop Wall	1	T10	2	14	28	8870	278.98	170.51	① 5870 ② 1310 ③ 270 ④ 570
	2	T12	2	67	134	3380	454.28	404.59	⑤ 1120 ⑥ 270 ⑦ 270 ⑧ 2265 ⑨ 2265
	3	T20	1	54	54	8110	329.94	814.95	⑩ 300 ⑪ 1120 ⑫ 270 ⑬ 270 ⑭ 2265 ⑮ 2265
Base Slab	3a	T15	1	54	54	8110	329.94	521.31	⑯ 300 ⑰ 1120 ⑱ 270 ⑲ 270 ⑳ 2265 ㉑ 2265
	3b	T20	1	2/12	24	8380	182.84	377.22	㉒ 300 ㉓ 1120 ㉔ 270 ㉕ 270 ㉖ 2265 ㉗ 2265
	3c	T15	1	2/12	24	8380	182.84	241.17	㉘ 300 ㉙ 1120 ㉚ 270 ㉛ 270 ㉜ 2265 ㉝ 2265
	4	T12	1	74	74	11810	873.94	777.81	㉞ 300 ㉟ 1120 ㊱ 270 ㊲ 270 ㊳ 2265 ㊴ 2265
Wall	4a	T12	1	430	430	2180	259.2	230.69	㊵ 300 ㊶ 1120 ㊷ 270 ㊸ 270 ㊹ 2265 ㊺ 2265
	4b	T12	1	424	424	2145	231.84	208.34	㊻ 300 ㊼ 1120 ㊽ 270 ㊾ 270 ㊿ 2265 ① 2265
Chamber	5	T12	2	83	166	2845	472.27	420.32	② 300 ③ 1120 ④ 270 ⑤ 270 ⑥ 2265 ⑦ 2265
	5a	T12	2	79	158	5515	871.37	775.52	⑧ 300 ⑨ 1120 ⑩ 270 ⑪ 270 ⑫ 2265 ⑬ 2265
Top Slab	8	T12	2	22	44	11500	509.06	453.86	⑭ 300 ⑮ 1120 ⑯ 270 ⑰ 270 ⑱ 2265 ⑲ 2265
	7	T12	2	270	540	1875	469	417.41	⑳ 300 ㉑ 1120 ㉒ 270 ㉓ 270 ㉔ 2265 ㉕ 2265
Wing wall	7a	T12	2	2/2	4	10270	82.18	73.12	㉖ 300 ㉗ 1120 ㉘ 270 ㉙ 270 ㉚ 2265 ㉛ 2265
	8	T20	1	70	70	8770	473.9	1170.53	㉜ 300 ㉝ 1120 ㉞ 270 ㉟ 270 ㊱ 2265 ㊲ 2265
Foot Walk	9	T25	1	70	70	5110	357.7	1380.72	㊳ 300 ㊴ 1120 ㊵ 270 ㊶ 270 ㊷ 2265 ㊸ 2265
	10	T12	1	33	33	10810	345.82	307.87	㊹ 300 ㊺ 1120 ㊻ 270 ㊼ 270 ㊽ 2265 ㊾ 2265
Corbel for End Pillar	10a	T12	1	33	33	10810	345.82	307.87	㊿ 300 ① 1120 ② 270 ③ 270 ④ 2265 ⑤ 2265
	11	T12	4	21	84	2300	248.12	219.05	⑥ 300 ⑦ 1120 ⑧ 270 ⑨ 270 ⑩ 2265 ⑪ 2265
Corbel for approach slab	11a	T12	4	23	92	2300	259.58	239.91	⑫ 300 ⑬ 1120 ⑭ 270 ⑮ 270 ⑯ 2265 ⑰ 2265
	12	T12	4	14	56	3850	204.4	181.52	⑱ 300 ⑲ 1120 ⑳ 270 ㉑ 270 ㉒ 2265 ㉓ 2265
Foot Walk	13	T12	4	14	56	3700	207.2	184.41	㉔ 300 ㉕ 1120 ㉖ 270 ㉗ 270 ㉘ 2265 ㉙ 2265
	14	T15	4	2	8	4245	33.96	53.86	㉚ 300 ㉛ 1120 ㉜ 270 ㉝ 270 ㉞ 2265 ㉟ 2265
Starter bar for end pillar	14a	T12	4	18	72	1825	131.4	118.95	① 300 ② 1120 ③ 270 ④ 270 ⑤ 2265 ⑥ 2265
	14b	T12	4	2	8	2520	20.18	17.94	⑦ 300 ⑧ 1120 ⑨ 270 ⑩ 270 ⑪ 2265 ⑫ 2265
Foot Walk	15	T10	4	4	16	2000	32	19.74	⑬ 300 ⑭ 1120 ⑮ 270 ⑯ 270 ⑰ 2265 ⑱ 2265
	16	T10	2	7	14	4770	68.78	41.20	⑲ 300 ㉑ 1120 ㉒ 270 ㉓ 270 ㉔ 2265 ㉕ 2265
Corbel for approach slab	17	T10	2	17	34	2885	98.09	90.52	㉖ 300 ㉗ 1120 ㉘ 270 ㉙ 270 ㉚ 2265 ㉛ 2265
	18	T12	2	48	96	1585	152.18	155.42	㉜ 300 ㉝ 1120 ㉞ 270 ㉟ 270 ㊱ 2265 ㊲ 2265
Foot Walk	19	T10	2	9	18	7010	84.12	18.87	㊳ 300 ㊴ 1120 ㊵ 270 ㊶ 270 ㊷ 2265 ㊸ 2265
	20	R8	2	4	8	7010	28.64	17.30	㊹ 300 ㊺ 1120 ㊻ 270 ㊼ 270 ㊽ 2265 ㊾ 2265
Foot Walk	21	R8	2	71	142	530	75.28	16.71	① 300 ② 1120 ③ 270 ④ 270 ⑤ 2265 ⑥ 2265

NOTE: This R/F schedule is indicative only. The contractor shall be responsible for producing his own R/F schedule.

- CONCRETE GRADE**
- Screed under foundation slab : Nominal mix 1:3:6 (20)
 - Lower Kerb : Grade 20 (14)
 - Foot walk, Approach slab, Ramp : Grade 25(20)
 - Box Structure & Wing Wall : Grade 45(20)

- CEMENT TYPE**
- Hydraulic blended cement to SLS 1247 - 2015 with maximum 25% fly ash.

- NOTES: REINFORCEMENT**
- All bars marked 'T' shall be hot rolled mild steel plain bars of yield strength not less than 250 N/mm².
 - All bars marked 'R' shall be high yield deformed bars of yield strength not less than 460 N/mm².
 - Bars shall be bent & hooked in accordance with BS:4466:1999.
 - Bars of cut length larger than the supplied length should be applied with a lap length > 50d bar diameter and splicing should be staggered.
 - Maximum Clear cover to reinforcements shall be 65 mm.
 - Top Slab thickness is constant throughout the Bridge.

CHAVAKACHCHERI - TANANKILAPPU ROAD. (B076)
BRIDGE NO: 2/4 km (RECONSTRUCTION)

R/F
DETAILS

REV.	DESCRIPTION	BY	DATE

MINISTRY OF HIGHWAYS - SRI LANKA ROAD DEVELOPMENT AUTHORITY		BRIDGE DESIGNS OFFICE *MAGANEKUMA MAHAMEDURAY BATTARAMULLA
DESIGNED : T. Ramachandran DRAWN : Thamil CHECKED : FILE NO. : DRG. NO. NEP/B/1580/2	SENIOR ENGINEER - DESIGNS DEPUTY DIRECTOR GENERAL (S.D.) ADDITIONAL DIRECTOR, BRIDGE DESIGNS ADDITIONAL DIRECTOR GENERAL (E.S.) FOR DIRECTOR GENERAL	DATE:

Check List for Bidders

	ITB clause	Yes	Reference
Form of Bid			
Completed?	18		
Signed?	18		
No of addendum issued (taken to form of Bid)			
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 ICTAD 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 10 years	4		
Major items of construction equipment proposed	4		
Qualification and Experience of key staff	4		
Rate Analysis of Major Items	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		