

DEMOCRATIC SOCIALIST REPUBLIC OF SRI LANKA  
MINISTRY OF TRANSPORT-SRI LANKA RAILWAYS

CONSTRUCTION OF TWO ABUTMENTS AND A PIER FOR  
NEW BRIDGE AT 68M/ 72CH BETWEEN WELLAWA AND  
GANEWATTA

(CONTRACT NO: .....)

**BIDDING DOCUMENT**  
(PART 01 OF 02)

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.....  
**Issued to**

.....  
**Issuing officer**

Employer:

Sri Lanka Railway Department,  
Railway Head Quarters,  
Sri Lanka Railways,  
Olcott Mawatha,  
Colombo 10

Engineer:

Central Engineering Consultancy  
Bureau,  
No. 415, Bauddhaloka Mawatha,  
Colombo 07.

May 2022

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## **INVITATION FOR BIDS (IFB)**

**INVITATION FOR BIDS (IFB)**  
**CONSTRUCTION OF NEW BRIDGE AT 68M/ 72CH BETWEEN**  
**WELLAWA AND GANEWATTA**

**CONTRACT NO: .....**

1. **The Chairman, Project Procurement Committee** on behalf of the **General manager Railways, Sri Lanka Railways** now invites sealed bids from eligible and qualified bidders for **Construction of Two Abutments and a Pier for New Bridge at 68m/ 72CH between Wellawa and Ganewatta** as described below.

*The Works consists of construction of two abutments and a pier for new railway bridge (Approximate length 38m) at 68m 72CH between Wellawa and Ganewatta, including micro piles and concrete works, formwork, reinforcement works, waterproofing works and riprap protection work etc*

The Time for Completion for the Works shall be **270 Days.**

2. Bidding will be conducted through National Competitive Bidding Procedure.
3. Foreign bidders including joint ventures with foreign partners are not permitted to bid.
4. To be eligible for the contract award, the successful bidder shall not have been blacklisted by CIDA or any other registered organization and shall meet the following requirements:
  - Registered with the Construction Industry Development Authority (CIDA) - **Grade C4 or above for Bridge Construction.**
5. Qualification requirements to qualify for contract award shall be,
  - Average annual turnover of construction work performed in last five years shall be at least **Rs. 135 million**
  - Successful completion of bridge construction project of a similar nature and complexity as a main Contractor with a project value of **Rs. 90 million** and completed within **9 months** or a higher project value completed within a proportionate time period, during last five (5) years.
  - **The minimum amount of liquid assets (after setting apart for other contractual commitments) and exclusive of any advance payment which may be made under this Contract, shall be not less than Rs. 43 million.**
  - Engagement of qualified key personnel as specified.
  - Possess a valid certificate issued by the Registrar of Public Contract in accordance with Section 8 of Public Contracts Act No 03 of 1987.

- 6. Interested bidders may obtain further information from .....  
 .....(Telephone: .....) and inspect the  
 bidding documents during 0900 hrs. and 1500 hrs. on working Days from .....  
 until ..... at the office of  
 .....  
 .....
- 7. A complete set of Bidding Documents may be purchased by interested bidders on the  
 submission of a written application to the .....  
 .....until  
 .....between 0900 hrs. and 1500 hrs. upon payment of a non-refundable fee of  
**Rupees twenty-five Thousand only (Rs. 25,000.00).** The method of payment shall be in cash.
- 8. Sealed bids shall be delivered and deposited **in duplicate** in the Tender Box available at the  
 office of the ..... or sent by  
 registered post addressed to the ..... at the above address to  
 reach on or before 1000. hrs. on ..... Late Bids will be rejected. Bids  
 will be opened soon after closing the bids, in the presence of the bidders’ representatives who  
 choose to attend.
- 9. Bids shall be valid up to ..... **(119 Days after the deadline for Bid  
 submission)**
- 10. All bids shall be accompanied by a Bid Security, which shall be in the form included in the  
 Section 11 in the Bidding Document, issued in favour of ..... for  
 an amount of Rupees **One Million Five Hundred Thousand only (Rs.1,500,000.00)** valid up to  
 ..... issued by a commercial bank operating in Sri Lanka approved by the Central  
 Bank of Sri Lanka.
- 11. Pre-Bid meeting will be held at 1100 hrs. on ..... at .....  
 ..... followed by a site visit.

The Chairman,  
**Project Procurement Committee (PPC),**  
 .....  
 .....  
 .....

# VOLUME 01

- **SECTION 1 – INSTRUCTIONS TO BIDDERS**  
Instructions to Bidders shall be Read in Conjunction with Bidding Data under Section 2 (Volume 2).
  
- **SECTION 3 – CONDITIONS OF CONTRACT**  
Conditions of Contract shall be Read in Conjunction with Contract Data under Section 4 (Volume 2).
  
- **SECTION 5 – STANDARD FORMS (CONTRACT)**

Volume 01 comprises Section 1, 3 and 5 of the Standard Bidding Document for the Procurement of Works published by Institute for Construction Training and Development (renamed as Construction Industry Development Authority), “Savsiripaya”, 123, Wijerama Mawatha, Colombo 07. (Publication No. CIDA/SBD/02 Second Edition– January 2007)

Section 1 and 3 will not be issued with the Bidding Document and Bidder is advised to purchase it from CIDA.

## **SECTION – 5**

### **STANDARD FORMS (CONTRACT)**

- Letter of Acceptance
- Agreement
- Performance Security
- Advance Payment Security

**FORM OF LETTER OF ACCEPTANCE**

*[Letter heading paper of the procuring entity]*

..... *[date]*

To: .....*[name and address of the Contractor]*

This is to notify you that your bid dated ..... *[insert date]* for the construction and remedying defects of the .....  
.....*[Name of the Contract and identification number]* for the Initial Contract Price of Rupees ..... *[amount in figures and words]* as corrected in accordance with Instructions to Bidders and/ or modified by a Memorandum of Understanding , is hereby accepted.

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

The Commencement Date shall be: ..... *(fill the date as per Clause 8.1 of Conditions of Contract).*

The amount of Performance Security is: ..... *(fill the amount as per Clause 4.2 of Conditions of Contract).*

The Performance Security shall be submitted on or before ..... *(fill the date as per Clause 4.2 of Conditions of Contract).*

Authorized Signature : .....

Name and title of Signatory : .....



**FORM OF AGREEMENT**

**This Agreement** made the ..... [day] of ..... [month] 20..... [year], between ..... [name and address of Employer] (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 execute ..... [name and identification no of Contract] (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.

**The Employer and the Contractor agree as follows:**

1. In this Agreement words and expressions shall have the same meanings as are respectively assigned to them in the Contract.
2. The following documents shall be deemed to form and be read and construed as part of this Agreement viz:-
  - (a) The Letter of Acceptance dated .....
  - (b) Memorandum of Understanding (MOU, if any)
  - (c) The Form of Bid dated .....
  - (d) Contract Data
  - (e) The Conditions of Contract
  - (f) The Specifications
  - (g) The Drawings
  - (h) The Bills of Quantities and Schedules
  - (i) Any other relevant correspondence (specify)
3. In consideration of the payments to be made by the Employer to the Contractor as indicated in this Agreement, 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.
4. The Employer hereby covenants to pay the Contractor in consideration of the execute and complete the Works and remedying any 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 the day and year aforementioned in accordance with laws of Sri Lanka.

.....

.....

**Authorized signature of Employer**  
(On Common Seal)

**Authorized signature of Contractor**  
(On Common Seal)

Witness:

Witness:

1. Signature : .....  
Name and NIC No : .....  
Address : .....  
.....

1. Signature : .....  
Name and NIC No: .....  
Address : .....  
.....

2. Signature : .....  
Name and NIC No: .....  
Address : .....  
.....

2. Signature : .....  
Name and NIC No :.....  
Address : .....  
.....

**FORM OF PERFORMANCE SECURITY  
(Unconditional)**

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

**Beneficiary:** .....,  
.....,  
..... [Name and address of the Employer]

**Date:** .....

**PERFORMANCE GUARANTEE No.:**.....

We have been informed that .....[name of Contractor]  
(hereinafter called "the Contractor") has entered into Contract No. .... [reference  
number of the Contract] dated ..... with you, for the ..... [insert “construction”]  
of ..... [name of  
Contract and brief description of Works] (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 of ....., 20.... [insert 56 Days after the end of the Defects Notification Period] and any demand for payment under it must be received by us at this office on or before that date.

.....  
[signature(s)]

**FORM OF ADVANCE PAYMENT SECURITY**

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

**Beneficiary:** .....,  
.....,  
..... [Name and address of the Employer]

**Date:** .....

**ADVANCE PAYMENT GUARANTEE No.:**.....

We have been informed that .....[name of Contractor]  
(hereinafter called "the Contractor") has entered into Contract No. ....  
[reference number of the contract] dated ..... with you, for the  
.....construction of ..... [name of the  
Contract and brief description] (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 Time for Completion]

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

.....  
[signature(s)]

## **VOLUME 02**

- **SECTION 2 – BIDDING DATA**
- **SECTION 4 – CONTRACT DATA**
- **SECTION 6 – SPECIFICATIONS (*Bound Separately as Part 02 of 02*)**
- **SECTION 7 – FORM OF BID**
- **SECTION 8 – BILLS OF QUANTITIES**
- **SECTION 9 – SCHEDULES**
- **SECTION 10 – DRAWINGS (*Bound Separately as Part 02 of 02*)**
- **SECTION 11 – STANDARD FORMS (BID)**

## **SECTION – 2**

### **BIDDING DATA**

*This section shall be read in conjunction with Section-1 Instructions to Bidders, and is intended to provide specific information in relation to corresponding Clauses in Section -1. Whenever there is a discrepancy, the provisions in Section 2 – Bidding data shall supersede these provided in the Section 1 – Instruction to Bidders.*

## Bidding Data

### Instructions to Bidders Clause Reference

### Entry

#### 1.1 Employer's Name and Address

Name : General Manager, Sri Lanka Railways

Address: Railway Head Quarters,  
Sri Lanka Railways,  
Olcott Mawatha,  
Colombo 10.

#### 1.1 Scope of Works

The Works consists of construction of two abutments and a pier for new railway bridge (Approximate length 38m) at 68m 72CH between Wellawa and Ganewatta, including micro piles and concrete works, formwork, reinforcement works, waterproofing works and riprap protection work etc.

#### 1.2 Time for Completion

The Time for Completion for the whole of Works shall be 270 Days.

#### 2.1 Source of funds

The source of funds is Government of Sri Lanka

#### 4 Eligibility and Qualification of the Bidder

**Add following at the beginning of Sub Clause 4.1;**

Foreign bidders including joint ventures with foreign partners are not permitted to bid.

## 4.1 Qualification Information

The following information and documents shall be provided by the bidders:

<b>Chapter No.</b>	<b>Information and documentary evidence to be submitted by bidder (Refer Schedules in Section 9 where relevant)</b>
Chapter 1	➤ CIDA Registration including following: Registration Number Specialty Grade Expiry Date
Chapter 2	➤ VAT Registration Number
Chapter 3	➤ Legal Status – certified copies of original documents defining the constitution or legal status, place of registration and principle place of business (sole proprietary, partnership, company, etc.)
Chapter 4	➤ Certified copies of Articles of Association/ Memorandum [attach copies of Memorandum / Articles of Associations and details of company registration/ Incorporation of the company/ Business Registration for sole proprietor or Partnership]
Chapter 5	➤ Authorizations to sign/ commit the Bid – attach power of Attorney or Board Resolutions whichever necessary.
Chapter 6	➤ Verification for signature - attach authentication for signatory
Chapter 7	➤ Total monetary value of construction work performed for each of the last five years. <i>(to be confirmed by submission of Audited Financial Reports as proof for item 4.2.b below)</i>
Chapter 8	➤ Experience in work of a similar nature and size project completed during last five years, <i>(as documentary proof for item 4.2.c. below)</i>
Chapter 9	➤ Major items of construction equipment proposed to carry out the Contract <i>(as per 4.2.d below)</i>



<b>Chapter No.</b>	<b>Information and documentary evidence to be submitted by bidder (Refer Schedules in Section 9 where relevant)</b>
Chapter 10	➤ Qualifications and experience of key Site Management, Project Management and Technical Personnel proposed for the Contract ( <i>as per 4.2.e below</i> )
Chapter 11	➤ Evidence of financial resources for the proposed Contract ( <i>as per 4.2.f below</i> )
Chapter 12	➤ Details of work in hand ( <i>as per item 4.2.f below</i> )
Chapter 13	➤ Work Programme
Chapter 14	➤ Method statement and all technical information as requested in Specification
Chapter 15	➤ Valid certificate issued by the Registrar of Public Contracts as per the Section 8 of Public Contracts Act No 03 of 1987

#### 4.2 (a) **CIDA registration required**

- Speciality - Bridge Construction  
Grade - C4 or above

#### 4.2 (b) **Average annual turnover of construction work performed in last 5 years**

Average annual turnover of construction work performed in last five years shall be at least **Rupees 135 million.**

The Bidder shall substantiate above requirement by submitting audited financial statements for last 5 years.

#### 4.2 (c) **Experience in similar works**

- Successful completion of a bridge construction project of a similar nature and complexity as a main contractor with a project value **of Rs 90 million** and completed within **9 months** or higher value within proportionate time period, during last five (5) years.

(Bidder shall submit certified documentary evidence for such completed works including completion certificates, performance certificates, evidence obtained from clients indicating project name, cost, project duration, year of completion and available photos)

**4.2 (d) Essential equipment**

Following essential plant / equipment shall be made available exclusively for the project and submit proposals **by an affidavit** for the timely acquisition (own, lease, hire, etc.) of the same:

Type	Required no
1. Micro piling machine	01
2. Generator with required capacity	01
3. List any other	

**4.2 (e) Qualifications and experience of the staff**

Position	Required minimum qualification	Experience	Minimum Numbers required
Project Manager	BSc. Eng.(Civil) registered under the Engineering Council of Sri Lanka as an Associate Engineer	5 years' experience in bridge construction	01 Part time at Site
Technical Officers	Qualified with NDT (Civil) or equivalent	02 years' experience in bridge construction	02 Full time at Site

**4.2 (f) Liquid assets required**

The minimum amount of liquid assets, net of other contractual commitments and exclusive of any advance payment which may be made under contract shall be not less than **Rs. 43 million.**

The minimum amount of liquid assets available is calculated as follows:

$$X = (A - L) - 0.2W + C$$

where,

X = Minimum amount of 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 "Affidavit for the current commitments" (Form for current commitment is attached in the Schedule 3 of Section 9),

C = Project specific revolving line of credit given by a bank as per Form "The Letter from the Bank for Granting of a Revolving Line of Credit" (Form is attached in the Schedule 3 of Section 9).

Any Bidder who does not have the minimum amount of liquid assets calculated on the above basis, required under Sub-Clause 4.2 (f) of the Instructions to Bidders (ITB) shall be treated as non-responsive.

**4.2 Add new Sub Clauses 4.2(h) – 4.2 (j) after Sub Clause 4.2(g) and extend to read as follows:**

Following additional qualification also considered as the qualification criteria;

4.2.(h) Even though the bidder meets the above qualifying criteria, they are subject to be disqualified if they are discovered to have submitted misleading or false documentation in proof of the qualification requirements.

4.2.(j) Non submission or partial submission of the documents listed above shall lead to rejection of the Bid.

**10.1 Clarification of Bidding Documents**

Employer’s address for clarification of bidding documents is:

.....  
Railway Head Quarters,  
Sri Lanka Railways,  
Olcott Mawatha,  
Colombo 10

Tel : .....  
Fax : .....  
e-mail : .....

**14.4 Adjustments for change in cost**

The Contract is subjected to price adjustment.  
(Refer schedule - 9 for input percentages and other details relevant to calculation of price fluctuations)

**15.1 Currency of Bid**

The rates and prices shall be quoted by the bidder entirely in Sri Lankan Rupees.

**16.1 Period of Bid validity :**

The Bid shall be valid up to .....

**17.1 Amount of Bid Security:**

The amount of bid security shall be Sri Lanka Rupees One Million Five Hundred Thousand only (LKR 1,500,000.00).

Bid security shall be issued by a commercial bank operating in Sri Lanka approved by the Central Bank of Sri Lanka, using the form for bid security (Unconditional and on-demand Guarantee) included in Section 11, Standard Forms (Bid).

**17.2 Validity of Bid Security**

The bid security shall be valid up to .....

**18.1 Alternative Proposals by Bidders**

Not Applicable.

**19.1 Pre-Bid meeting**

Pre-Bid meeting will be held:

Date: .....

Time: 1100 hrs.

Venue: .....

followed by a site visit.

**21.2 (a) Employer’s Address for Bid submission**

Employer’s address for the purpose of bid submission is:

.....  
.....  
.....  
.....

**21.2 (b) Identification number of Contract**

Identification Number of the Contract is: .....

**22.1 Deadline for submission of Bids**

Deadline for submission of Bids is 1000 hrs on .....

**25.1 Bid opening**

Venue, time, and date of bid opening

Venue: .....  
.....  
.....  
.....

Time: 1000 hrs

Date: .....

**Evaluation and Comparison of Bids**

**Add new Sub Clauses 30.6 and Sub Clause 30.7 after Sub Clause 30.5 and extend to read as follows:**

**30.6 Preference for State Owned Enterprises (SOE)**

State Owned Enterprises (SOE) are eligible for a 5% margin of preference in comparison of their Bids with other Bids.

The following procedure will be used to apply the margin of preference:

Responsive bids will be classified into the following groups;

- (i) Group A: Bids offered by State Owned Enterprises
- (ii) Group B: All other Bids

For the purpose of evaluation and comparison of Bids only, an amount equivalent to 5% of the evaluated bid prices determined in accordance with Sub Clause 30.2 will be added to all Bids classified in Group B.

**30.7** For evaluation of Bids, following aspects will be considered:

Qualification information provided in the section 9 – Schedules will be assessed in evaluation of the bids.

**35.1 Amount of Performance Security**

Performance Security shall be issued by a commercial bank operating in Sri Lanka approved by Central Bank of Sri Lanka, using the form for Performance Security (Unconditional and on demand Guaranty) included in Section 5, Standard Forms (Contract).

The amount of Performance Security is 5% of the Initial Contract Price.

The Performance Security shall be valid until a date 56 Days beyond the end of the Defects Notification Period.

**37.0** 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.

## **SECTION – 4**

### **CONTRACT DATA**

*This section shall be read in conjunction with Section-3 Conditions of Contract, and is intended to provide specific information in relation to corresponding Clauses in Section -3. Whenever there is a discrepancy, the provisions in Section 4 – Contract data shall supersede these provided in the Section-3 Conditions of Contract.*

**Contract Data**

**Conditions  
of Contract  
Clause  
Number/s**

**1.1.2.2 & 1.3 Employer’s name  
and address**

Name : **General Manager Sri Lanka-Railways**

**Address: Railway Head Quarters,  
Sri Lanka Railways,  
Olcott Mawatha,  
Colombo 10.**

**1.1.2.2 (a) &  
1.3 Employer's  
Representative**

Name : .....

Address : .....  
.....  
.....

**1.3 Contractor’s  
name and address**

Name: .....

Address: .....  
.....  
.....

**1.1.2.4 & 1.3 Engineer’s name  
and address**

Name : General Manager

Address :Central Engineering Consultancy Bureau  
No. 415, Bauddhaloka Mawatha,  
Colombo 07.

Tele/Fax : 011-2668803

**1.1.2.4 (a) &  
1.3 Engineer's  
Representative**

**Add following Sub Clause 1.1.2.4 (a) at the end of Sub  
Clause 1.1.2.4**

Name :

Address : Central Engineering Consultancy Bureau,  
No.415, Bauddhaloka Mawatha,  
Colombo 07.

Tele: 0112668800 ; Extension. ....

Fax: 0112668962

<b>1.1. 3.3</b>	<b>Time for Completion of the Works</b>	Time for Completion <b>is 270 Days.</b>
<b>1.1.3.7</b>	<b>Defects Notification Period</b>	Defects Notification Period is 365 Days.
<b>1.1.4.3 (a)</b>	<b>Basic Rate</b>	Basic Rate means all expenditure reasonably incurred (or to be incurred) by the Contractor but excluding head office overheads and profit.
<b>2.1</b>	<b>Right of Access to the Site</b>	<b>14 Days</b> from the Letter of Acceptance.
<b>2.3</b>	<b>Employer's Representative</b>	Employer's Representative means the person named in the Contract Data under Sub Clause 1.1.2.2 (a).  The Employer may delegate to him/her the authority necessary to act on behalf of the Employer.
<b>3.1</b>	<b>Engineer's Duties and Authority</b>	The Engineer shall obtain the specific approval of the Employer before taking action under the following Sub-Clauses of these Conditions:  a) Sub Clause 13.1, where the total value of any single Variation <b>exceeds LKR 2 million</b> and aggregate value of Variation exceeds <b>10%</b> of Initial Contract Price  b) When granting approval for extension of Time for Completion and for approving Contractor's claims under Sub Clause 19.1.  Notwithstanding the obligation, as set out above, to obtain approval, if, in the opinion of the Engineer, an emergency occurs affecting the safety of life or of the Works or of adjoining property he may without relieving the Contractor of any of his duties and responsibility under the Contract, instruct the Contractor to execute all such work or to do all such things as may, in the opinion of the Engineer, be necessary to abate or reduce the risk. The Contractor shall forthwith comply, despite the absence of approval of the Employer, with any such instruction of the Engineer. The Engineer shall determine an addition to the Contract Price, in respect of such instruction, in accordance with Clause 13 and shall notify the Contractor accordingly, with a copy to the Employer.



- 3.1.1 Engineer's Representative** **Add following Sub Clause 3.1.1 at the end of Sub Clause 3.1**
- Engineer's Representative means the person named in the Contract Data under Sub Clause 1.1.2.4 (a) appointed by the Engineer.
- The Engineer may delegate to him/her in accordance with Sub Clause 3.2 (Delegation by the Engineer) the authority necessary to act on the Engineer's behalf at the Site, except to replace the Engineer's Representative.
- 3.3 Instructions of the Engineer** **Add following paragraph at the end of Sub Clause 3.3**
- The Contractor shall maintain a log book recording each and every instruction by the Engineer's Representative in triplicate at the Site. At the end of each month the Contractor should submit originals of those recordings to the Employer and one copy to the Engineer.
- 4.2 Amount of Performance Security** **5% of the Initial Contract Price, in the currencies and proportions in which the Contract Price is payable and shall be issued by a commercial bank operating in Sri Lanka authorized by the Central Bank of Sri Lanka, using the form for Performance Security (Unconditional and on demand Guaranty) included in Section 5, Standard Forms (Contract), issued in favour of The General Manager, Sri Lanka Railways.**
- The Performance Security shall be valid until a date 56 Days beyond the end of the Defects Notification Period.
- 4.4 Subcontractors** **Replace existing Sub Clause 4.4 (b) with following:**
- the prior consent of the Engineer shall be obtained to other proposed Subcontractors. The Contractor can carry out specialized works specified in the Specifications if he is having the minimum qualification laid therein otherwise shall be subcontracted to specialist Subcontractors having minimum qualification as specified in Specifications; and
- 4.14 Progress Reports** **Required number of progress reports are as follows;**
- Each progress report shall be submitted **in two paper-originals.**
- Add following paragraph at the end of item 14.4 (b)**
- The Contractor shall arrange for progress photographs to be taken, monthly intervals or as otherwise directed by the Engineer, to cover all areas and stages of the Works.

The Contractor shall supply 175X125 mm colour prints of each “record photograph”. The prints shall bear the date of the photograph. Each set of prints shall be separately bound approximately A4 size, photographs albums and provided to the Engineer.

Digital photographs may be used to support the conventional record photographs.

**6.4 Working Hours Add the following text at the end of Sub Clause 6.4**

The Contractor may arrange night shift work or any other means with the permission of Employer and without any additional cost to the Employer.

If the Contractor desires to carry out the Works on locally recognised days of rest (Sundays, mercantile holidays, festivals) he shall apply in advance for the Engineer’s approval.

All work at night or work on locally recognised days of rest shall be carried out without unreasonable noise or disturbance.

Working hours of the Contractor shall be as per the guidelines issued by the Central Environmental Authority.

**6.7 Contractor’s Superintendence Add the following new clauses at the end of last paragraph of Sub Clause 6.7:**

Following technical and managerial staff shall be employed at Site as Contractor’s Personnel for the project:

Position	Required minimum qualification	Experience	Minimum Numbers required
Project Manager	BSc. Eng.(Civil) registered under the Engineering Council of Sri Lanka as an Associate Engineer	5 years’ experience in bridge construction	01 Part time at Site (2 Days per week)
Technical Officers	Qualified with NDT (Civil) or equivalent	02 years’ experience in bridge construction	02 Full time at Site

If the Contractor fails to employ such personnel with specified experience under this Contract or the attendance of such personnel is not satisfactory, following amounts will be deducted from the payments due to the Contractor with respect to each category of personnel as shown in the following Table:

Category	Amount to be recovered per person (Rs. Cts.)
Project Manager	6,000.00 per Day
Technical Officer	3,000.00 per Day

### 8.3 Programme

**Add following at the end of 2<sup>nd</sup> sentence of first paragraph.**

The coloured prints of readable version of initial programme and each revised programme shall be submitted to the Engineer **in one paper copy, one electronic copy and additional two paper copies.**

**Add the following paragraphs at the end of this Sub-Clause 8.3 and extend to read as follows;**

The Contractor shall within 14 days after receiving Engineer's notice submit a revised programme to the Engineer in accordance with this Sub Clause.

In the event of failure to submit a Work programme or failure to update the Work programme by the Contractor, the Engineer shall withhold **Rs. 2 million** from the payments due to the Contractor until submission of revised programme which is acceptable to the Engineer.

The Contractor shall submit as-built programme of work (monitored programme) against planned, as per the Programme of Work. (planned vs executed), with graphical presentation.

### 8.4 Extension of Time for Completion

**Add following paragraphs to Sub Clause "c":**

Exceptionally adverse climatic conditions shall be exclusively where,

- i.) In any single day rain fall measured at the nearest government Meteorological Station, exceeds average value of the daily rainfall for that calendar month for that station, as calculated using the last 120 calendar months of that station's rainfall records.

Average value of the daily rainfall calculated for a particular calendar month means, the value of total rainfall figure of particular month during the last 10 years divided by the number of rainy days for the particular month for last 10 years.

Or

- ii.) Any other unexpected exceptionally adverse climatic conditions accepted by the Engineer and the Employer.

For the entitlement of extension of time, under this event the Work which is expected to be affected by the adverse climatic condition, shall have been planned to progress at Site on that particular Day.

Any delay caused by exceptionally adverse climatic conditions will be considered as “no fault delay” and cost will be deemed to lie where they fall. That is, in the case of such delay the Employer agrees to forego the right to claim liquidated damages for the period of delay and the Contractor agrees to forego any right to claim additional costs arising from such delay.

8.7	<b>Liquidated damages for the Works</b>	Rs. 64,500.00 per Day.
8.7	<b>Maximum amount of liquidated damages</b>	10 % of the Initial Contract Price.
12.2 (b)	<b>Method of Measurement</b>	The method of measurement shall be in accordance with the Bills of Quantities
12.3	<b>Similar Works</b>	<p><b>Add following paragraph at the end of 2<sup>nd</sup> paragraph:</b></p> <p>Similar work includes any item with similar Specification/ description irrespective of its item number. If there is more than one price/ rate for such work with the same Specification/ description, the lowest price / rate for such work with similar Specification/description shall be used in valuing any Variations, work defined under Provisional Sums etc.</p>
12.3	<b>Evaluation of Works</b>	<p><b>Add following paragraph to the end of first paragraph:</b></p> <p>Contractor shall submit to the Engineer detailed break downs of his BOQ rates whenever required by the Engineer.</p>

**Add following paragraph at the end of penultimate paragraph of Sub Clause 12.3:**

- (i) Variations which are directly carried out by the Contractor

The applicable Engineer's approved maximum mark-up percentage (head office overheads and profit) shall be 16% of Basic Rate of such work items.

In fixing such Basic Rate, the labour rates shall be obtained from the Kurunegala District Pricing Committee Report for the applicable period.

- (ii) Variations which are carried out by the Sub contractors

The applicable Engineer's approved maximum mark-up percentage [Attendance (defined in preambles), head office overheads and profit] shall be 10% of actual amount of such work items.

<b>13.4 (b)</b>	<b>Percentage for adjustment of Provisional Sums</b>	<p><b>Delete sub – Clause 13.4 (b) (ii) and insert the following:</b></p> <p>10% of actual amounts of such work items as Attendance (defined in Preambles), head office overheads and profit</p>
<b>13.4 (c)</b>		<p><b>Add following Sub Clause 13.4 (c) after Sub Clause 13.4 (b);</b></p> <p>work or service to be executed by public authority and for which shall be included in the Contract Price:</p> <p>(i) the actual amounts paid (or due to be paid) by the Contractor, and</p> <p>(ii) 5% of the actual amounts such work items as Attendance (defined in Preambles), head office overheads and profit</p>
<b>13.7</b>	<b>Weightings of Inputs</b>	<p>The Contract is subjected to price adjustment.</p> <p>(Refer schedule - 9 for input percentages and other details relevant to calculation of price fluctuations)</p>
<b>14.2</b>	<b>Total Advance Payment</b>	<p>Twenty percent (20%) of the Initial Contract Price excluding Provisional Sums and contingencies.</p> <p>The advance payment guarantee shall be issued by a commercial bank operating in Sri Lanka authorized by the Central Bank of Sri Lanka using the form for</p>

		Advance Payment Guarantee, included in Section 5, Standard Forms (Contract), issued in favour of <b>The General Manager, Sri Lanka Railways.</b>
<b>14.2</b>	<b>Number and timing of instalments</b>	One
<b>14.3</b>	<b>Application for Interim Payment Certificates</b>	<p><b>Amend the number of Statements in first line of first paragraph as follows;</b></p> <p>After the end of each month, the Contractor shall submit a Statement in one paper copy to the Engineer. Once the Engineer certifies the Statement, the Contractor shall make arrangements to take additional <b>three copies</b> from the certified Statement and shall submit to the Engineer.</p>
<b>14.3(c)</b>	<b>Percentage of Retention</b>	10%
<b>14.3(c)</b>	<b>Limit of Retention Money</b>	5 % of the Initial Contract Price.
<b>14.5</b>	<b>Minimum amount of Interim Payment Certificates</b>	Rupees <b>7 million</b>
<b>14.8</b>	<b>Alternative Method for Payment of Retention</b>	Not Applicable.
<b>15.2</b>	<b>Termination by Employer</b>	<b>Add the following new Sub Clause 15.2.1:</b>
<b>15.2.1</b>		Notwithstanding any clause contrary to this, if the liquidated damages reach to its maximum amount given in the Contract Data, the Employer is entitled to terminate the contract without further notice to the Contractor.
<b>18.1</b>	<b>Insurance for Works and Contractor's Equipment</b>	<p><b>(a) Works</b></p> <ul style="list-style-type: none"> <li>• The Contractor shall insure the Works for not less than the full replacement value</li> <li>• An additional amount of 15% of such replacement value to cover the costs of demolition, removal of debris and professional fees</li> </ul>

- The minimum cover for insurance of the above is 115% of the Initial Contract Price.
- The maximum deductible for insurance of the Works is 10% of each and every claim.

**(b) Contractor's Equipment**

- The minimum cover for loss or damage to equipment is the replacement cost.
- The maximum deductible for insurance of equipment is 10% of minimum cover for equipment.

All deductible shall be borne by the Contractor.

**18.2 Third Party Insurance (including Employer's Property)**

**Injury or death to person and damage to property**

The minimum cover of insurance per event is as follows and number of events are unlimited:

**Third Party - Person**

- Minimum amount per person per event shall be Rupees 1,000,000.00
- Aggregate amount to be covered shall be Rupees 10,000,000.00

**Third Party - Property**

- Aggregate amount to be covered shall be Rupees 5,000,000.00

The maximum deductible for the insurance of other property is 10% of the loss of the damage.

All deductible shall be borne by the Contractor.

**18.3 Insurance for Contractor's Personnel**

**Personal Injury or Death – Contractor's Workers and Staff**

The Contractor's Personnel shall be insured in compliance with the prevailing Workmen Compensation Act of Sri Lanka. The minimum insurance cover amounts shall be as per the values stipulated under this Act.

- 18.3 (a) Insurance for Employer's Personnel**
- Add following new Sub Clause 18.3 (a) at the end of Sub Clause 18.3:**
- The Contractor within 14 Days from the Letter of Acceptance, shall effect and maintain insurance against liability for claims, damages, losses and expenses (including legal fees and expenses) arising from injury, sickness, disease or death of any person employed by the Employer and the Engineer (including the Employer and the Engineer)
- The minimum cover of such insurance shall be at least **Rs. 1,000,000.00** per person, per event. Number of occurrences of such events is unlimited.
- Aggregate amount to be covered shall be Rs **5,000,000.00**
- 19.1 Contractor's Claims**
- Add following new paragraph in-between first and second paragraphs of this Sub-Clause:**
- “If the Contractor fails to give notice of a claim within such period of 28 days, the Time for Completion shall not be extended, the Contractor shall not be entitled to additional payment, and the Employer shall be discharged from all liability in connection with the claim. Otherwise, the following provisions of this Sub-Clause shall apply.”



**SECTION – 6**

**SPECIFICATIONS**

**(BOUND SEPARATELY AS PART 02 OF 02)**

**SECTION – 7**  
**FORM OF BID**

FORM OF BID

Name of Contract: Construction of Two Abutments and a Pier for New Bridge at 68M/72CH between Wellawa and Ganewatta

Contract No: .....

To: General Manager Sri Lanka Railways Railway Head Quarters Sri Lanka Railways, Olcott Mawatha, Colombo 10.

Gentlemen:

- 1. Having examined the Standard Bidding Document - Procurement of Works – Major Contracts [CIDA/SBD/02 Second Edition-January 2007], Specifications, Drawings and Bills of Quantities and Addenda 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, Bills of Quantities and addenda nos....., ....., ..... for the sum of Sri Lankan Rupees .....(LKR .....) 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 soon as is reasonably possible after the receipt of the Engineer’s notice to commence, 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 until ..... and it shall remain binding upon us and may be accepted at any time before that date.
5.(i) 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.

(ii) Applicable only for joint venture bids

We undertake the responsibility to enter into a joint venture agreement among the joint venture partners. We are also well aware that in the event we fail to enter into a joint venture agreement the Contract formed between us is null and void and our bid bond will be forfeited by you.

- 6. We understand that you are not bound to accept the lowest or any bid you may receive.
7. We certify/confirm that we comply with the eligibility requirements as per ITB Clause 3 and 4 of the bidding documents.

Dated this ..... day of .....2022

Signature..... in the capacity of .....duly authorized to sign bids for and on behalf of ..... [in block capitals or typed]

Name: .....

Designation: .....

Address: .....

Witness: .....

**SECTION – 8**  
**BILLS OF QUANTITIES**

## PRICING PREAMBLES

### A – GENERAL NOTES

1. The Bills of Quantities shall be read in conjunction with the Contract Data, Conditions of Contract, Specifications and Drawings.
2. The cost of complying with all conditions, obligations and liabilities described in the Conditions of Contract and the Specifications including all overhead charges (excluding VAT) and profit and carrying out the work as described shall be deemed to be spread over and included in the prices or sums stated by the Bidder in the Bill of Quantities. VAT should be separately added.
3. When trade names, brand and/or catalogue numbers are referred to, sole preference to any material or equipment is not intended. Any other material or equipment may be used, provided that the characteristics of type, quality, appearance, finish, method of construction and or performance is equal to or superior to specify.
4. All items of work shall comply exactly with the Contract and the rates and sums inserted in the Bill of Quantities shall be deemed to apply to the work as specified. If, for his convenience or reasons of availability, the Contractor proposes and the Engineer approves the use or provision of alternative items, materials or method of working, or equivalent or superior quality to those specified in the Contract, the rates and sums inserted in the Bill of Quantities shall not in a case be increased as a result.
5. The Quantities set out in the Bill of Quantities are provisional and cover the approximate scope of the work which is anticipated to be performed by the Contractor. The Contractor shall not use these Bills of Quantities as a construction programme or for the purposes of procurement of materials or arranging sub-contracts or as the quantity of work to be carried out. The references for these activities shall be the Drawings, Specifications and instructions issued by the Engineer.
6. Where the determination of quantity of any item for payment purposes depends upon the measurement of existing features or ground levels and the like, then prior to carrying out any operations which might affect such measurement, the Contractor shall first take such levels and measurements as the Engineer may direct and, after the Engineer has had the opportunity to check the same, they shall be certified as agreed by both the Engineer and the Contractor. In the event that the Contractor fails to follow the above procedure, the Engineer shall determine the quantity to be assumed for payment purposes using the best information available to him, and his decision in the matter shall be final.

7. Metric units are used throughout the Bill of Quantities for measurement purposes unless otherwise indicated. Abbreviations used in the Contract are as follows;

mm - Millimeter

m - Linear meter

m<sup>2</sup> - Square meter

m<sup>3</sup> - Cubic meter

kg - kilograms

Nos - Number

Rs - Sri Lankan Rupees

Pro. Sum - Provisional Sum

8. Bidder should visit and acquaint themselves with all existing conditions, the nature and extent of work to be done under this contract ascertaining the conditions governing access to the site, the extent of work and accordingly include for, in their prices.
9. Cost and expenses in connection with any other preliminary item which is not listed, but is necessary for the due completion of Works, is deemed to be included in the rates quoted by the Bidder.
10. If no price has been stated against any item hereunder the Contractor will not be entitled to claim any money for such items even though he is obliged to execute the work or provide services described therein.

#### Attendance

The word "Attendance" means for the following arrangements and facilities provided by the Contractor to a Subcontractors appointed as per Sub clause 4.4 of Conditions of Contract or any other Subcontractors or the personnel of any legally constituted public authorities employed by the Employer as per Sub Clause 4.6 of Conditions of Contract.

- a) Use of Contractor's Equipment at Site for unloading, distributing, hoisting or lowering, placing in position and double handling of Plant, Material and equipment;
- b) Use of Contractor's general facilities at Site including use of sanitary, accommodation, safety, health and welfare facilities, security;
- c) Use of temporary works at Site including use of the Contractor's temporary roads, pavings and paths, scaffolding and supports, temporary lighting, water supplies;
- d) Clearing away rubbish from the central point of collection;
- e) Supplying full size setting out templates and giving and marking dimensions and taking

responsibility for their accuracy;

- f) Providing spaces for Subcontractor's own offices and storage of his plant and material;
- g) Necessary co-ordination as per the Contract;
- h) Finance cost related to payments;
- i) Obtaining necessary insurances covering the liabilities of said parties.

The Contractor shall allow for any additional costs incurred due to parties mentioned above.

**MINISTRY OF TRANSPORT - SRI LANKA RAILWAYS**  
**CONSTRUCTION OF TWO ABUTMENTS & A PIER FOR NEW BRIDGE AT 68M 72CH**  
**BETWEEN WELLAWA AND GANEWATTA**

**BILLS OF QUANTITIES**  
**SUMMARY**

Item No	Description	Amount (Rs.)
<b>A</b>	PRELIMINARIES AND GENERAL	
<b>B</b>	TEMPORARY WORKS	
<b>C</b>	EARTH WORKS	
<b>D</b>	PILING WORKS	
<b>E</b>	CONCRETE WORKS	
<b>F</b>	FORM WORK	
<b>G</b>	REINFORCEMENTS	
<b>H</b>	MISCELLANEOUS	
<b>J</b>	PROTECTION WORKS	
	<b>SUB TOTAL (1)</b>	
	<u>Ddt</u> - Provisional Sum	
	<b>SUB TOTAL (2)</b>	
	<u>Ddt</u> - Discount (if any)	
	<b>SUB TOTAL (3)</b>	
	<u>Add</u> - Provisional Sum	
<b>GRAND TOTAL Carried to form of Bid ( EXCLUDING VAT)</b>		
	<u>Add</u> - VAT (%)	8%
<b>GRAND TOTAL INCLUDING VAT</b>		

Tender Amount (in words) Sri Lankan Rupees .....

Name of Bidder: .....

Address: .....

Signature and Seal :

**Witnesses :-**

1. Signature : .....

2. Signature : .....

Name: .....

Name: .....

Address: .....

Address: .....



<b>MINISTRY OF TRANSPORT - SRI LANKA RAILWAYS</b> <b>CONSTRUCTION OF TWO ABUTMENTS &amp; A PIER FOR NEW BRIDGE AT 68M 72CH</b> <b>BETWEEN WELLAWA AND GANEWATTA</b> <b>BILLS OF QUANTITIES</b>					
Item	Description	Qty	Unit	Rate (Rs)	Amount (Rs)
A	<b>PRELIMINARIES AND GENERAL</b>				
1	The Contractor shall be paid sum quoted on satisfactory completion for items A.1, A.2, A.3, A.16, A.17, A.18 and A.24				
2	The Contractor shall be paid in equal monthly installments over the contract period up to the maximum quoted for items A.4, A.9, A.10, A.11, A.12, A.22 and A.23				
3	The Contractor shall be paid 60% of the sum quoted on satisfactory completion of temporary buildings or structures, 30% in equal installments over the contract period and balance 10% on dismantling and removal on completion for items A.5, A.6, A.7, A.8, A.13, A.14 and A.21				
4	The Contractor shall be paid sum in reimbursement of actual costs on submission of relevant documents acceptable to the Engineer, for the items 1A/20. The maximum sum for such reimbursements will be limited to the sum quoted for the item by the Contractor.				
5	<p>The Contractor shall be paid 60% of the sum quoted on satisfactory completion of temporary buildings or structures and 40% in equal installments over the contract period for item A.15, A.19, A.25</p> <p>The Bidder is required to visit the site of the proposed work, as it is his responsibility to ascertain the conditions, governing access to the site, the external working space, storage area etc.</p> <p>All temporary works except the facilities specifically required to be retained on Site shall be dismantled, cleared away and leveled site on completion.</p> <p>Contractor shall leave blank any cells referring to items he has priced or included elsewhere within the respective work package.</p>		Note		

Item	Description	Qty	Unit	Rate (Rs)	Amount (Rs)
	<p>If the Engineer is of the opinion that any item in this section has not been fully attended by the Contractor, the Engineer may adjust amounts quoted by the Contractor for the items concerned.</p> <p>The Contractor shall make adequate provisions to reduce the amount of dust pollution and noise from the site. It will be his responsibility for any complaints, damages or claims in connection with the works.</p> <p>No work in any trade shall be carried out in such a manner as to cause any nuisance to adjacent owners, guests or the public.</p> <p>Mechanical Plant and Equipment which emits excessive noise, water, smoke, fumes obnoxious liquids, gases etc. will not be allowed to be used on the site, without the prior approval of the Engineer.</p> <p>The Engineer has the final decision as and when he deems it necessary for the Contractor to take precautions, maintain or repair such Plant and Equipment or order there removal from the site.</p>		Note		
A.1	Allow Sum for providing and maintaining a mobilization advance payment guarantee as per the Contract		Item		
A.2	Allow for providing and maintaing a performance bond as per the Contract		Item		
A.3	Allow Provisional Sum for providing and maintaining insurance covers including Contractor's All Risk Policy, Workmen's Compensation, Third Party and Personnel Accident Cover as per the Contract.		Item		
A.4	Allow for contract management services and site supervision works.		Item		
A.5	Allow for construction, furnish, maintenance and dismantling on completion of works, Contractors site office including staff rest room & toilets with telephone, facsimile, electricity & water services in accordance with the plans prepared by the Contractor and approved by the Engineer.		Item		
<b>Carried Forward</b>					

Item	Description	Qty	Unit	Rate (Rs)	Amount (Rs)
<b>Brought Forward</b>					
A.6	Allow sum for providing, maintaining and dismantling on completion of Works, Contractor's staff and workmen accommodation in accordance with the plans prepared by the Contractor and approved by the Engineer. The rate shall include for all work necessary for the completion of temporary building, plumbing wiring sanitary facilities etc.		Item		
A.7	Provide office accommodation and separate sanitary facility including facilities specified in the tender for the use of the Engineer/ Engineer's representative at site.		Item		
A.8	Allow sum for providing, maintaining and dismantling on completion of Works, construction of temporary sheds for storage of materials, workshops, sheds necessary for carpentry, bar bending etc. in accordance with the plans prepared by the Contractor and approved by the Engineer.		Item		
A.9	Allow sum for supplying temporary electricity for the Works including temporary connection, internal distribution arrangement, means for an uninterrupted power supply and charges for consumption etc.		Item		
A.10	Provide and maintain Electricity, Drinking water, telephone & other services required to the Engineer's office throughout the project duration.		Item		
A.11	Allow for supplying/preparations of specimens & samples of materials & caring out tests, obtaining test reports and submitting the same for the approval of Engineer		Item		
A.12	Allow for security services for protecting safe guarding the works, materials and plants against trespass or theft until hand over the site.		Item		
A.13	Allow for construction & maintenance of by-pass roads during construction period.		Item		
A.14	Allow for provision of protect signboard with lettering as required. Location as instructed by the Engineer.		Item		
A.15	Maintain First Aid point at site.		Item		
A.16	Allow for submission of As Built drawings.		Item		
A.17	The Contractor is requested to submit a proposal and carry out testing for effects to existing adjoining buildings and other properties due to erection of pilling, or any earthwork.		Item		
<b>Carried Forward</b>					

Item	Description	Qty	Unit	Rate (Rs)	Amount (Rs)
<b>Brought Forward</b>					
A.18	Allow for duties of the Contractor on completion including removal of all temporary works, rubbish and debris, cleaning and leaving all in good order and handing over.		Item		
A.19	Allow for employing a Licensed Land Surveyor to define the building site works, etc. and check the pile layout and levels and such other surveys as may be necessary to establish accurately the placing of forms and pouring of concrete and all other works and setting out in both vertical and horizontal plane. All survey marks and pegs shall be clearly identifiable with accurate records kept on site by the contractor, which must be related to Bench Marks. In this regard the Contractor must maintain accurate survey instruments on the Site at all times for any checking of levels that the Engineer or his representatives may desire to check. The Contractor shall obtain a statement when the Work has substantially begun, signed by the Licensed Land Surveyor certifying the correct setting out of the Works in accordance with the drawings, and such other additional statements to suit the various stages of construction including the final stage.		Item		
A.20	Allow for giving notice to Authorities etc. payment of fees compliance of with by-laws and regulations lawfully imposed by Local Authorities.		Item		
A.21	Allow for access to site. It shall be the Contractor's responsibility to visit the site and ascertain for himself the means of access in relation to the location. It would be his responsibility to ensure satisfactory maintenance of the access roads for movement of Plant & traffic Any damage to public roads, pavements etc. should be made good at the Contractor's expense. It would be the Contractor's responsibility to ascertain the internal working space, storage area etc.		Item		
A.22	Allow for protection of public and private services. The Contractor shall protect, uphold and maintain all water and drain pipes, ducts, sewers, service mains, overhead cables, The Contractor is to make good any damage due to any cause within his control at his own expenses or pay any cost and charges in connection therewith. In cases where the Services are to be temporally terminated or diverted the Contractor is to give the necessary notice to the appropriate Authority and arrange for the work to be carried out and pay all costs and charges in connection therewith. Delays to the Contract completion time caused by such damage will not be entertained.		Item		
<b>Carried Forward</b>					

Item	Description	Qty	Unit	Rate (Rs)	Amount (Rs)
<b>Brought Forward</b>					
A.23	Allow for care of adjoining properties. Care shall be taken to ensure that the right of all adjoining and adjacent owners, tenants and the public are fully respected. Immediately upon receipt of any form of complaint from adjoining property owners or any Authorities, the Contractor shall notify the Engineer and the nature of such complaints and the corrective measures he intends to employ. The Contractor will be held solely responsible for any damage caused to the adjoining and adjacent properties through the carrying out for the Work under this Contract and must make good and compensate such damage to the satisfaction of the Engineer.		Item		
A.24	Allow for ground survey to locate any underground existing water, drainage, waste, storm water, electrical, telephone and any other similar services. The Contractor shall submit their proposed method of survey and relevant technical information together with the Tender. The Contractor shall submit a drawing indicating the existing services to the Engineer prior to commencement of any work.		Item		
A.25	The Contractor shall be responsible prior to and during the entire construction period for a full scale measurement exercise including taking levels of streets adjacent buildings. It is important to note the present condition and nature of such buildings and/or services etc. to a fixed point away from the site, photographing of streets, side walls, building elevations in fine		Item		
<b>Total carried forward to Summary</b>					

Item	Description	Qty	Unit	Rate (Rs)	Amount (Rs)
B	<b>TEMPORARY WORKS</b>				
B.1	<b>CONSTRUCTION OF TEMPORARY COFFERDAM</b>				
	The height of coffer dam shall be decided as per site conditions and approved by the Engineer.		Note		
B.1.1	Providing coffer dam made up of earth or bags filled with impervious material such as clay for the construction of substructures of bridge as directed by engineer with all contractor's labour, material, tool and plants, dewatering, etc.		Item		
B.1.2	Allow sum for the dismantling of cofferdam at the end of work		Item		
B.2	<b>DEMOLITION</b>				
B.2.1	Demolition of existing concrete/ masonry structures including foundations, down to the river bed level. Clearing and removal of all debris away as directed.		Item		
<b>Total carried forward to Summary</b>					

Item	Description	Qty	Unit	Rate (Rs)	Amount (Rs)
C	<b>EARTH WORKS</b>				
C.1	<b>FOUNDATION</b>				
C.1.1	<b>WALLAWA END ABUTMENT (LEFT ABUTMENT)</b>				
C.1.1.1	Excavation for structures including disposal surplus materials within the site excluding rock blasting. Rate included for dewatering & shoring.	80.00	m <sup>3</sup>		
C.1.1.2	Earth filling & compaction for structures up to formation level. Rate included for earth transporting away from site and performing in-situ and laboratory tests as directed by the engineer.	190.00	m <sup>3</sup>		
C.1.1.3	Embankment construction using approved type of materials. Rate included for earth transporting away from site and performing in-situ and laboratory tests as directed by the engineer.	360.00	m <sup>3</sup>		
C.1.2	<b>GANEWATTA END ABUTMENT (RIGHT ABUTMENT)</b>				
C.1.2.1	Excavation for structures including disposal surplus materials within the site excluding rock blasting. Rate included for dewatering & shoring.	110.00	m <sup>3</sup>		
C.1.2.2	Earth filling & compaction for structures up to formation level. Rate included for earth transporting away from site and performing in-situ and laboratory tests as directed by the engineer.	340.00	m <sup>3</sup>		
C.1.2.3	Embankment construction using approved type of materials. Rate included for earth transporting away from site and performing in-situ and laboratory tests as directed by the engineer.	920.00	m <sup>3</sup>		
C.1.3	<b>PIER</b>				
C.1.3.1	Excavation of rock requiring, blasting and removal of material as directed by the engineer and performing in-situ and laboratory tests as directed by the engineer.	80.00	m <sup>3</sup>		
		-			
<b>Total carried forward to Summary</b>					

Item	Description	Qty	Unit	Rate (Rs)	Amount (Rs)
D	<b>PILING WORKS</b>				
D.1	<b>GENERAL</b>				
	For the full description of materials and workmanship refer to the relevant sections of Specification of works, Pricing Preambles and the drawings.		Note		
	Bidders are requested to submit the following information together with the tender (a) Details of their piling method (b) Technical information (c) Details of equipment to be used (d) Standard of control intended to use (e) Method of testing piles (f) Type of testing (g) Method of controlling noise, vibration and method of monitoring the same (h) Method of mixing, transporting and placing of concrete.		Note		
	The Bidders are specially requested to refer the Geotechnical Investigation Report thoroughly prior to pricing this section. Any discrepancy and or any suggestion to be forwarded with the Tender or prior to that, to the Engineer.		Note		
	The onus of responsibility will be on the Contractor to ensure that the actual cut off levels are established at the time of piling.		Note		
	The Contractor shall insure against damage to adjacent structures, any existing overhead and/or underground services that may cause damages as a result of this piling work.		Note		
	If any damage is caused to any pile or piles due to the installation of adjacent piles or due to any other work being carried out by the Contractor, the Contractor shall take such remedial measures as may be ordered by the Engineer including the installation of additional piles and the cost of such measures shall be borne by the Contractor.		Note		
	Setting out of piles and dimensions of piles to be approved by the Engineer.		Note		
	Rates for piling shall include for boring, installing of temporary steel casing for a minimum of 6m depth, fixing of reinforcement and placing of concrete and removal of all the spoils including excavated material, any cut lengths, broken concrete or laitance and used fluid etc., away from the site.		Note		
	The Bidder shall submit the details of the method of piling work together with necessary detail drawings if necessary, equipment to be used, duration, durability and method of erection, etc.		Note		
	The Contractor shall submit the details of all temporary work to the Engineer's approval prior to commencement of such work.		Note		



Item	Description	Qty	Unit	Rate (Rs)	Amount (Rs)
D.1.1	Allow for Mobilization for piling works at site with plant, equipment and personal etc.  Micro piles which nominal diameter as below stated bored through any material encountered including overburden soil, concrete/masonry foundations, debris, boulders or hard rock lenses, weathered rock, etc. Socketing of 4000mm minimum in basement rock as specified in the drawing.		Item  Note		
D.1.2	Allow sum for the demobilization of plant, machinery and equipment workforce for the end of pile work.		Item		
D.2	<b>WALLAWA END ABUTMENT</b>				
D.2.1	Boring and installing of steel casing outer diameter 141x9.52mm of vertical piles above the basement rock level. (18 nr.)	64.00	m		
D.2.2	Boring and installing of steel casing outer diameter 141x9.52mm of inclined piles above the basement rock level. (10 nr.)	37.00	m		
D.2.3	Boring and installing of steel casing outer diameter 141x9.52mm of vertical piles below the basement rock level, socketing of 4m minimum in basement rock as specified in the drawing. (18 nr.)	80.00	m		
D.2.4	Boring and installing of steel casing outer diameter 141x9.52mm of inclined piles below the basement rock level, socketing of 4m minimum in basement rock as specified in the drawing. (10 nr.)	46.00	m		
D.2.5	Supply of Grade 30 grout for Micro piles (measured for theoretical requirement) (28 nr.)	8.00	m <sup>3</sup>		
D.2.6	Cutting of micro piles down to Cut- off level without damaging the casing and removal of disposal of debris from the site. (28 nr.)	10.00	m		
D.2.7	Welding of 25mm thk. MS bearing plate as per drawings. (28 nr.)	28.00	Nos.		
D.3	<b>GANEWATTA END ABUTMENT</b>				
D.3.1	Boring and installing of steel casing outer diameter 141x9.52mm of vertical piles above the basement rock level. (14 nr.)	50.00	m		
D.3.2	Boring and installing of steel casing outer diameter 141x9.52mm of inclined piles above the basement rock level. (19 nr.)	70.00	m		
D.3.3	Boring and installing of steel casing outer diameter 141x9.52mm of vertical piles below the basement rock level, socketing of 4m minimum in basement rock as specified in the drawing. (14 nr.)	62.00	m		
<b>Carried Forward</b>					

Item	Description	Qty	Unit	Rate (Rs)	Amount (Rs)
<b>Brought Forward</b>					
D.3.4	Boring and installing of steel casing outer diameter 141x9.52mm of inclined piles below the basement rock level, socketing of 4m minimum in basement rock as specified in the drawing. (19 nr.)	87.00	m		
D.3.5	Supply of Grade 30 grout for Micro piles (measured for theoretical requirement) (33 nr.)	9.00	m <sup>3</sup>		
D.3.6	Cutting of micro piles down to Cut- off level without damaging the casing and removal of disposal of debris from the site. (33 nr.)	11.00	m		
D.3.7	Welding of 25mm thk. MS bearing plate as per drawings. (33 nr.)	33.00	Nos.		
D.4	<b>TESTING OF PILES</b>				
D.4.1	Static load testing for vertical micro piles, selected by the Engineer, up to 1½ times of the working load of the piles as specified in the drawing, including mobilization and demobilization of materials, machinery, equipment etc.	1.00	Nos.		
<b>Total carried forward to Summary</b>					

Item	Description	Qty	Unit	Rate (Rs)	Amount (Rs)
E	<b>CONCRETE WORKS</b>				
	All concrete work shall be in accordance with BS 8110, BS 5400 and specifications.		Note		
	All concrete workmanship and material shall conform to British standard BS 5328 and other relevant latest editions of British standards.		Note		
	Concrete testing shall be in accordance with British standard BS 1881 unless otherwise		Note		
	Unless otherwise stated all concrete shall be of grade as per specifications/ drawings.		Note		
	Rates for concrete shall include for construction joints, expansion joints or contraction joints as necessary.		Note		
	Concrete will be measured as the net area / volume, as shown on drawings.		Note		
	Rate for concrete shall include for; .- Supply, handling, depositing, compacting, vibrating, curing and making good after removal of formwork - Preparation of surfaces, roughening / chipping to the approval of the engineer -Providing for stoppages of grout leakage, honey-comb rectification after inspection by the -all procedures that has to be adopted for controlling of hydration and heat as specified in the specifications. (testing mix design, trial mixes, heat control, additives)		Note		
	Reinforcement and formwork paid separately unless specified in the item		Note		
E.1	<b>FOUNDATION</b>				
E.1.1	<b>WALLAWA END ABUTMENT</b>				
E.1.1.1	Concrete grade C20 for 75mm thk. screed. (with formwork)	29.00	m <sup>2</sup>		
E.1.1.2	Concrete grade C40 in pile cap.	29.00	m <sup>3</sup>		
E.1.2	<b>GANEWATTA END ABUTMENT</b>				
E.1.2.1	Concrete grade C20 for 75mm thk. screed. (with formwork)	37.00	m <sup>2</sup>		
E.1.2.2	Concrete grade C40 in pile cap.	37.00	m <sup>3</sup>		
E.1.3	<b>PIER</b>				
E.1.3.1	Concrete grade C20 for 75mm thk. screed. (with formwork)	40.00	m <sup>2</sup>		
E.1.3.2	Concrete grade C40 in footing.	60.00	m <sup>3</sup>		
<b>Carried Forward</b>					

Item	Description	Qty	Unit	Rate (Rs)	Amount (Rs)
<b>Brought Forward</b>					
E.2.1	<b>WALLAWA END ABUTMENT</b>				
E.2.1.1	Concrete grade C40 in Abutment stem.	35.00	m <sup>3</sup>		
E.2.1.2	Concrete grade C40 in Wing walls.	11.00	m <sup>3</sup>		
E.2.1.3	Concrete grade C40 in Pedestal.	0.40	m <sup>3</sup>		
E.2.1.4	Concrete grade C40 in working platform.	1.00	m <sup>3</sup>		
E.2.2	<b>GANEWATTA END ABUTMENT</b>				
E.2.2.1	Concrete grade C40 in Abutment stem.	51.00	m <sup>3</sup>		
E.2.2.2	Concrete grade C40 in Wing walls.	23.00	m <sup>3</sup>		
E.2.2.3	Concrete grade C40 in Pedestal.	0.40	m <sup>3</sup>		
E.2.2.4	Concrete grade C40 in working platform.	1.00	m <sup>3</sup>		
E.2.3	<b>PIER</b>				
E.2.3.1	Concrete grade C40 in Pier stem.	63.00	m <sup>3</sup>		
E.2.3.2	Concrete grade C40 in Pier cap.	25.00	m <sup>3</sup>		
E.2.3.3	Concrete grade C40 in Pedestal.	0.40	m <sup>3</sup>		
E.2.3.4	Concrete grade C40 in working platform.	1.00	m <sup>3</sup>		
E.3	<b>APPROACH SLAB</b>				
E.3.1	<b>WALLAWA END ABUTMENT</b>				
E.3.1.1	Concrete grade C20 for 50mm thk. screed. (with formwork)	20.00	m <sup>2</sup>		
E.3.1.2	Concrete grade C30 in Approach Slab	6.00	m <sup>3</sup>		
E.3.2	<b>GANEWATTA END ABUTMENT</b>				
E.3.2.1	Concrete grade C20 for 50mm thk. screed. (with formwork)	20.00	m <sup>2</sup>		
E.3.2.2	Concrete grade C30 in Approach Slab	6.00	m <sup>3</sup>		
<b>Total carried forward to Summary</b>					

Item	Description	Qty	Unit	Rate (Rs)	Amount (Rs)
F	<p><b>FORM WORK</b></p> <p>Rate for formwork shall include for all necessary boarding, supports, erecting, framing, cutting angles, cleaning, apply approved foam oil, wetting before placing concrete, removal etc</p> <p>Form work is measured as the Net contact surface measurement between formwork and concrete</p> <p>The types and treatments of forms shall be prepared and used for concrete works as follow;</p> <p>Finish F1- This finish is usually used for rough concrete surfaces against which fill material or concrete will be placed. The surface treatment required is repair of defective concrete and correction of depression greater than 25 mm. Form work of this class shall consists of sawn timber, metal or other suitable and approved material.</p> <p>Finish F2- This finish is required on all permanently exposed surfaces for which other finish is not specified. Form of this class shall be faced with plywood or steel uniformly arranged, and with nail and knot holes filled flush with putty or other approved substance. Joints to be horizontal and vertical, unless otherwise specified.</p> <p>Finish U1- This finish is used on surfaces that will be covered fill material or concrete. The surface shall be leveled to produce an even uniform surface removing surplus concrete by striking off with a template.</p> <p>Finish U2- This finish is required for all outdoor unformed surfaces unless other finish is not specified. The surface shall be floated using hand or power driven equipment and surface shall be uniform in texture and free of screed marks.</p>		<p>Note</p> <p>Note</p> <p>Note</p> <p>Note</p> <p>Note</p> <p>Note</p> <p>Note</p>		

Item	Description	Qty	Unit	Rate (Rs)	Amount (Rs)
F.1	<b>FOUNDATION</b>				
F.1.1	<b>WALLAWA END ABUTMENT</b>				
F.1.1.1	Form work Finish F1	26.00	m <sup>2</sup>		
F.1.2	<b>GANEWATTA END ABUTMENT</b>				
F.1.2.1	Form work Finish F1	27.00	m <sup>2</sup>		
F.1.3	<b>PIER</b>				
F.1.3.1	Form work Finish F1	40.00	m <sup>2</sup>		
F.2	<b>SUB-STRUCTURE</b>				
F.2.1	<b>WALLAWA END ABUTMENT</b>				
F.2.1.1	Form work Finish F1	20.00	m <sup>2</sup>		
F.2.1.2	Form work Finish F2	32.00	m <sup>2</sup>		
F.2.1.3	Form work Finish U2	5.00	m <sup>2</sup>		
F.2.2	<b>GANEWATTA END ABUTMENT</b>				
F.2.2.1	Form work Finish F1	31.00	m <sup>2</sup>		
F.2.2.2	Form work Finish F2	49.00	m <sup>2</sup>		
F.2.1.3	Form work Finish U2	5.00	m <sup>2</sup>		
F.2.3	<b>PIER</b>				
F.2.3.1	Form work Finish F2	128.00	m <sup>2</sup>		
F.3	<b>APPROACH SLAB</b>				
F.3.1	<b>WALLAWA END ABUTMENT</b>				
F.3.1.1	Form work Finish F2	6.00	m <sup>2</sup>		
F.3.1	<b>GANEWATTA END ABUTMENT</b>				
F.3.1.1	Form work Finish F2	6.00	m <sup>2</sup>		
<b>Total carried forward to Summary</b>					

Item	Description	Qty	Unit	Rate (Rs)	Amount (Rs)
G	<b>REINFORCEMENTS</b>				
	All reinforcement shall be as per relevant British Standard BS 4449 /BS 4461 having minimum characteristic strength of 460 N/mm <sup>2</sup> for ribbed tor steel and 250 N/mm <sup>2</sup> for Mild steel.		Note		
	Fabrication of reinforcement shall comply with BS 4466:1981.		Note		
	Reinforcing bars should be lapped as shown in the drawings.		Note		
	Rate for reinforcement shall include for supplying, cleaning, cutting, bending, fabricating, binding, placing in position, binding wires, tiers, supporting bars, spaces, chairs, wastage etc. Measurement for payment shall be as per reinforcement drawing.		Note		
G.1	<b>FOUNDATION</b>				
G.1.1	<b>WALLAWA END ABUTMENT</b>				
G.1.1.1	Supplying, cutting, bending and fabricating of high yield strength steel reinforcement grade 460 according to the dimensions and details given in the drawings - pile cap.	3,700.00	kg		
G.1.2	<b>GANEWATTA END ABUTMENT</b>				
G.1.2.1	Supplying, cutting, bending and fabricating of high yield strength steel reinforcement grade 460 according to the dimensions and details given in the drawings - pile cap.	4,600.00	kg		
G.1.3	<b>PIER</b>				
G.1.3.1	Supplying, cutting, bending and fabricating of high yield strength steel reinforcement grade 460 according to the dimensions and details given in the drawings - pile cap.	7,500.00	kg		
G.2	<b>SUB-STRUCTURE</b>				
G.2.1	<b>WALLAWA END ABUTMENT</b>				
G.2.1.1	Supplying, cutting, bending and fabricating of high yield strength steel reinforcement grade 460 according to the dimensions and details given in the drawings - Abutment stem	5,400.00	kg		
G.2.1.2	Supplying, cutting, bending and fabricating of high yield strength steel reinforcement grade 460 according to the dimensions and details given in the drawings - Wing wall	1,400.00	kg		
<b>Carried Forward</b>					

Item	Description	Qty	Unit	Rate (Rs)	Amount (Rs)
<b>Brought Forward</b>					
G.2.2	<b>GANEWATTA END ABUTMENT</b>				
G.2.2.1	Supplying, cutting, bending and fabricating of high yield strength steel reinforcement grade 460 according to the dimensions and details given in the drawings - Abutment stem	7,800.00	kg		
G.2.2.2	Supplying, cutting, bending and fabricating of high yield strength steel reinforcement grade 460 according to the dimensions and details given in the drawings - Wing wall	4,600.00	kg		
G.2.3	<b>PIER</b>				
G.2.3.1	Supplying, cutting, bending and fabricating of high yield strength steel reinforcement grade 460 according to the dimensions and details given in the drawings.	13,300.00	kg		
G.2.4	<b>APPROACH SLAB</b>				
G2.4.1	<b>WALLAWA END ABUTMENT</b>				
G.2.4.1.1	Supplying, cutting, bending and fabricating of high yield strength steel reinforcement grade 460 according to the dimensions and details given in the drawings.	800.00	kg		
G2.4.2	<b>GANEWATTA END ABUTMENT</b>				
G.2.4.2.1	Supplying, cutting, bending and fabricating of high yield strength steel reinforcement grade 460 according to the dimensions and details given in the drawings.	800.00	kg		
<b>Total carried forward to Summary</b>					



Item	Description	Qty	Unit	Rate (Rs)	Amount (Rs)
H	<b>MISCELLANEOUS</b>				
H.1	Preparation of 50mm thk. Bearing seat as per detail.	8.00	Nos.		
H.2	Supplying and fixing of 20mm dia. stainless steel dowel bar 500mm in length to the approach slab as per detail.	24.00	Nos.		
H.3	Suppling and fixing of 20mm dia. Tor steel Rock anchors 2500mm in length to Pier as per detail.	25.00	Nos.		
H.5	Forming subsoil drains (110mm dia.) with 40mm graded metal at the back of the Abutment & Wing wall as shown in the detail drawing.		Item		
H.6	Provision of geo-textile layer (Class1, as specified in table 1710-1 of ICTAD document SCA/5) at the back of the filter as shown in the detail drawing.(Abutment & Wing wall up to bottom level of the approach slab.)	150.00	m <sup>2</sup>		
H.7	Provision of waterproofing (Abutment & Wing wall up to bottom level of the approach slab)	170.00	m <sup>2</sup>		
H.8	Forming of 10 mm thk. Expansion joint filled with approved joint filler (Approach slab)	24.00	m		
<b>Total carried forward to Summary</b>					

Item	Description	Qty	Unit	Rate (Rs)	Amount (Rs)
J	<b>PROTECTION WORKS</b>				
J.1	<b>WALLAWA END</b>				
J.1.1	Riprap protection at sub-structure wall / river bed interface as directed by the Engineer.	140.00	m <sup>3</sup>		
J.1.3	Provision of geo-textile layer (Class1, as specified in table 1710-1 of ICTAD document SCA/5) as directed by the Engineer.	180.00	m <sup>2</sup>		
J.2	<b>GANEWATTA END</b>				
J.2.1	Riprap protection at sub-structure wall / river bed interface as directed by the Engineer.	140.00	m <sup>3</sup>		
J.2.3	Provision of geo-textile layer (Class1, as specified in table 1710-1 of ICTAD document SCA/5) as directed by the Engineer.	180.00	m <sup>2</sup>		
J.3	<b>PIER</b>				
J.2.1	Riprap protection at sub-structure wall / river bed interface as directed by the Engineer.	80.00	m <sup>3</sup>		
J.2.3	Provision of geo-textile layer (Class1, as specified in table 1710-1 of ICTAD document SCA/5) as directed by the Engineer.	100.00	m <sup>2</sup>		
<b>Total carried forward to Summary</b>					

**SECTION – 9**  
**SCHEDULES**

<b>Schedule 1 – General Information</b>			
<p>(i) <i>If pre-qualification is done the bidders are required to include information subsequent to that submitted with the pre-qualification application.</i></p> <p>(ii) <i>For joint ventures, each joint venture partner shall furnish information separately.</i></p>			
<b>ITB Clause reference</b>	<b>Description</b>	<b>Information (to be filled by the Bidder)</b>	<b>Remarks</b>
<b>4.1 (a)</b>	<b>Legal Status</b>		<i>Provide certified copies of Registration</i>
	Written power of attorney of the signatory to the Bid	<i>Provide original or certified copy of the power of attorney attested by a Notary and label as attachment to Clause 4.1(a)</i>	
	If a Joint Venture, names and addresses of Joint Venture Partners	1. .... 2. .... 3. ....	<i>Provide a draft copy of the Joint Venture Agreement or alternatively the memorandum of understanding</i>
	If a Joint Venture, name of Lead Partner		
<i>For joint ventures, each joint venture partner shall furnish Legal Status separately</i>			
	<b>Name (Lead Partner)</b>		<i>Provide certified copies and label as attachment to Clause 4.1(a)</i>
	Legal status		
	Place of registration		
	Principle place of business		
	Written power of attorney of the signatory to the Bid	<i>Provide original or certified copy of the power of attorney attested by a Notary and label as attachment to Clause 5.1</i>	
	VAT Registration Number		
	<b><u>Name (Partner 2)</u></b>		<i>Provide certified copies and label as attachment to Clause 4.1 (a)</i>
	Legal status		

	Place of registration		
	Principle place of business		
	Written power of attorney of the signatory to the Bid	<i>Provide original or certified copy of the power of attorney attested by a Notary and label as attachment to Clause 4.1 (a)</i>	
	VAT Registration Number		
	<b><u>Name (Partner 3)</u></b>		<i>Provide certified copies and label as attachment to Clause 4.1 (a)</i>
	Legal status		
	Place of registration		
	Principle place of business		
	Written power of attorney of the signatory to the Bid	<i>Provide original or certified copy of the power of attorney attested by a Notary and label as attachment to Clause 4.1 (a)</i>	
	VAT Registration Number		
<b>4.2 (a)</b>	<b>CIDA Registration</b>		<i>Provide certified copies and label as attachment to Clause 4.2(a)</i>
	Registration number		
	Grade		
	Specialty		
	Expiry Date		
	<b>Valid certificate issued by the Registrar of Public Contracts</b> as per the Section 8 of Public Contracts Act No 03 of 1987. <i>(to be attached as annex)</i>		

**Schedule 2 – Annual Turn-over Information  
(Construction only – Last five years)**

- (i) *If pre-qualification is done the bidders are required to include information subsequent to that submitted with the pre-qualification application.*
- (ii) *For joint ventures, each joint venture partner shall furnish information separately.*

<b>Year</b>	<b>Turn-over</b>	<b>Remarks</b>
2016/2017		<i>Attach audited reports and label as attachment to Clause 4.2</i>
2017/2018		
2018/2019		
2019/2020		
2020/2021		

<b>Schedule 3 – Financial Resources</b>		
<i>If pre-qualification is done the bidders are required to include information subsequent to that submitted with the pre-qualification application.</i>		
<b>Source of Financing</b>	<b>Amount</b>	<b>Remarks</b>
		<i>Provide documentary evidence and label as attachment to Clause 4.2</i>
<b>Total</b>		

### Schedule 3

#### FORM FOR AFFIDAVIT FOR THE CURRENT COMMITMENTS

General manager Railways  
 Railway Head Quarters,  
 Sri Lanka Railways,  
 Olcott Mawatha,  
 Colombo 10

In accordance with the Clause 4.2.(f) of bidding data, 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.

Name of the Contract	Name of the Client	Initial Contract Amount (Rs.)	Outstanding Work (Rs.)	Certification of the Engineer of the project

.....  
 Signature of Bidder

.....  
 Signature of Attorney-at-law & stamp



Schedule 3

FORM FOR THE LETTER FROM THE BANK FOR GRANTING OF A REVOLVING LINE OF CREDIT

FROM : .....  
.....  
.....

TO : General manager Railways  
Railway Head Quarters,  
Sri Lanka Railways,  
Olcott Mawatha,  
Colombo 10

SUB : Letter from the bank for providing a line of credit in Favour of (1) ..... In case of award to them of Works for the Contract of “Construction of Two Abutments and a Pier for New Bridge at 68M/72CH Between Wellawa and Ganewatta”

Dear Sir,

We (2) ..... bankers of (3) ..... hereby agree to grant revolving line of credit for an amount of Sri Lanka Rupees..... for the purpose of the execution of the Contract “Construction of Two Abutments and a Pier for New Bridge at 68M/72CH Between Wellawa and Ganewatta”. This revolving line of credit will be maintained until the work is taken over by Sri Lanka Railway.

.....  
Signature of Representative of the Bank

- (1) Name of Beneficiary / Bidder
- (2) Name of Bank
- (3) Name of Beneficiary / Bidder

<b>Schedule 4 – Construction Experience in nature and size in last five years</b>				
<i>(i) If pre-qualification is done the bidders are required to include information subsequent to that submitted with the pre-qualification application.</i>				
<i>(ii) For joint ventures, each joint venture partner shall furnish information separately</i>				
<b>Year</b>	<b>Employer</b>	<b>Description of Works</b>	<b>Amount</b>	<b>Contractor's Responsibility (%)</b>
		<b>Total</b>		

- Provide documentary evidence and label as attachment to Clause 4.2

<b>Schedule 5 – Major Items of Construction Equipment Proposed</b>					
<b>Plant/Machinery</b>	<b>Number of Units</b>	<b>Capacity</b>	<b>Year of Manufacture</b>	<b>Owned/Hired/Leased</b>	<b>Additional Information</b>

**Note: The bidder shall submit the details by an Affidavit**

**Schedule 6 – Construction Management Staff**

**(a) Managerial Staff**

Name	Proposed Position	Qualifications	Post Qualification Experience	Engagement with Company (Permanent/Part Time)	Proposed Period for this Project

**(b) Technical Staff**

Name	Proposed Position	Qualifications	Post Qualification Experience	Engagement with Company (Permanent/Part Time)	Proposed Period for this Project

**Copies of CV's and Letters of consent to be attached**

**Schedule 7 – Time Schedule for Key Staff**

			Months (in the form of a Bar Chart)																	
Name	Position	Activities	1	2	3	4	5													Number of Months

Full-time: \_\_\_\_\_ Part-time: .....

**Schedule 8 – Work Programme**

Sheet 1 of .....															
	<i>[1st, 2nd, etc. are months from the Start Date.]</i>														
Construction Activity	1st	2nd	3rd	4th	5th										

### Schedule 9 – Input Percentages for Price Adjustment Formula

<b>MATERIALS</b>		<b>INPUT PERCENTAGE</b> (%)
M13	REINFORCEMENT STEEL	33.20
M14	STRUCTURAL STEEL	10.80
M15	GI SHEETS	1.10
M39	READY MIXED CONCRETE	16.25
M45	EARTH	2.11
		<hr/>
		63.46
<b>LABOUR</b>		
L1	SKILLED LABOUR	4.73
L2	SEMI-SKILLED LABOUR	2.89
L3	UNSKILLED LABOUR	0.55
		<hr/>
		8.17
<b>EQUIPMENT</b>		
P1	SMALL EQUIPMENT	2.44
P2	HEAVY EQUIPMENT	12.76
		<hr/>
		15.20
<b>FUEL</b>		
P3	FUEL	3.17
		<hr/>
<b>TOTAL</b>		<hr/> <b>90.00</b> <hr/>

#### NON ADJUSTABLE ELEMENT

A.1 - A.26 (Preliminaries) & D.1.1

**SECTION – 10**

**DRAWINGS**

**(BOUND SEPERATELY AS PART 02 OF 02)**



**SECTION - 11**  
**STANDARD FORMS (BID)**

- Bid Security

**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:** General manager Railways  
Railway Head Quarters,  
Sri Lanka Railways,  
Olcott Mawatha,  
Colombo 10

**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]* (hereinafter called "the Bid") for the execution of *[insert name of Contract]* under Invitation for Bids No. .... *[insert IFB number]* ("the IFB").

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

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

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

This Guarantee shall expire: (a) if the Bidder is the successful bidder, upon our receipt of copies of the Contract signed by the Bidder and of the Performance Security issued to you by the Bidder; or (b) if the Bidder is not the successful bidder, upon the earlier of the successful bidder furnishing the performance security, otherwise it will remain in force up to ..... *(insert date<sup>56</sup>)*

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

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

<sup>56</sup> Insert date in accordance with Sub-Clause 17 of Instruction to Bidders

## CHECK LIST FOR BIDDERS

Bidders are advised to fill the following table:

ITEM	ITB Clause	YES (tick)	REFERENCE
<b>Form of Bid</b>			
Addressed to the <b>Employer</b> ?	21		
Completed?	20		
Signed?	20		
<b>Bid Security Declaration Form (if required)</b>			
Properly filled and signed	17		
<b>Bid Security (if required)</b>			
Addressed to the <b>Employer</b> ?	17		
Required Format	17		
Issuing Agency as specified?	17		
Amount as requested?	17		
Validity <b>28 days beyond</b> the validity of Bid?	17		
<b>Qualification Information</b>			
All relevant information completed?	4		
Signed?	4		
<b>Addendum</b>			
Contents of the addendum (if any) taken into account?	11		
<b>Bid Package</b>			
All the documents given in ITB Clause 13 enclosed in the original and copy?	13		
ITB Clause 21 followed before sealing the Bid Package?	21		